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T E C H N I C A L M E M O R A N D U M

DATE: Revised January 9, 2025

TO: Mr. Alex Pitts, PE, City Engineer – City of Massillon

FROM: Curtis J. Deibel, PE, PTOE, RSP_{2I} – American Structurepoint, Inc.

RE: STA – 21 – 10.46 (PID 122272) Traffic Analysis Memo

1.0 Introduction

American Structurepoint has prepared this memorandum to comprehensively analyze traffic operations at the three signalized intersections along the Lake Avenue corridor within the City of Massillon, Ohio. This traffic analysis will also investigate the crash history along the Lake Avenue corridor and three (3) additional traffic signals along the State Route 21 corridor within the city.

The improvements at these intersections are being considered in conjunction with the STA-21-10.46 (PID 122272) project. This project proposes to improve the Lake Avenue corridor with a combination of pavement reconstruction and/or pavement resurfacing, traffic calming by reducing lane widths, and enhanced pedestrian facilities and crossings between State Route 21 and State Route 241. These enhanced pedestrian facilities include a shared-use path (SUP) to be constructed on the south side of Lake Avenue between State Route 21 and State Route 241 and a traditional sidewalk to be constructed on the north side.

The analysis evaluates existing traffic conditions, primarily focusing on the delay and queueing experienced by vehicles between the two closely spaced signalized intersections along the Lake Avenue corridor at State Route 21 and 1st Street NE. The study includes a capacity analysis using TransModeler 7.0 and HCS2024 to evaluate Level of Service (LOS), delays, and queue lengths for both the existing and proposed conditions. The objective is to determine the preferred alternative at the Lake Avenue & State Route 21 and Lake Avenue & 1st Street NE intersections to minimize queuing between the two (2) intersections and attempt to prevent traffic queues from spilling back into the adjacent intersection.

2.0 Study Area

Lake Avenue is a two-lane urban minor arterial that serves as a key corridor providing access to residential neighborhoods, commercial establishments, and institutional facilities. Lake Avenue is a cut-through for local traffic, connecting the State Route 21 and State Route 241 corridors within the city. Running east-west with a posted speed limit of 25 mph, it features dedicated turn lanes at major intersections to enhance traffic flow and improve operational efficiency.

State Route 21 is a four-lane, divided, urban principal arterial freeway that serves as a key corridor traversing the City of Massillon and is used as an alternate route for I-77 between the Village of Strasburg in Tuscarawas County and the City of Fairlawn in Summit County. It has a posted speed limit of 55 mph through the city. It features dedicated turn lanes at the at-grade signalized intersections to enhance traffic flow and improve operational efficiency.

The Lake Avenue & State Route 21 intersection is signalized, with dedicated left-turn lanes on all four (4) approaches. Additionally, protected-only left turn phasing is provided for the northbound and southbound State Route 21 approaches, while protected-permissive phasing is provided for the eastbound and westbound Lake Avenue approaches.

The Lake Avenue & 1st Street NE intersection is signalized with dedicated left-turn lanes and protected-permissive left turn phasing provided on the eastbound and westbound Lake Avenue approaches.

The Lake Avenue & Amherst Road intersection is signalized with dedicated left-turn lanes and protected-permissive left turn phasing on all four (4) approaches to the intersection.

The State Route 21 & Cherry Road intersection is signalized with dedicated left-turn lanes on all four (4) approaches to the intersection, with dedicated right turn slip lanes on the NB and WB approaches. Additionally, protected-only left turn phasing is provided for the northbound and southbound State Route 21 approaches.

The State Route 21 & Lillian Gish Boulevard intersection is signalized with dedicated left-turn lanes on the SB and WB approaches, with dedicated right turn lanes on the NB and WB approaches. Additionally, protected-only left turn phasing is provided for the southbound State Route 21 approach. Since this is a three-legged intersection, the westbound left turn movement is protected, as there is no opposing movement.

The State Route 21 & Walnut Street intersection is signalized with dedicated left-turn lanes on the northbound, southbound, and eastbound approaches. Additionally, protected-only left turn phasing is provided for the northbound and southbound State Route 21 approaches, while permissive phasing is provided for the eastbound and westbound Walnut Street approaches.

Figure 1 provides an overview of the Lake Avenue study area, displaying the existing lane configurations at the study intersections.

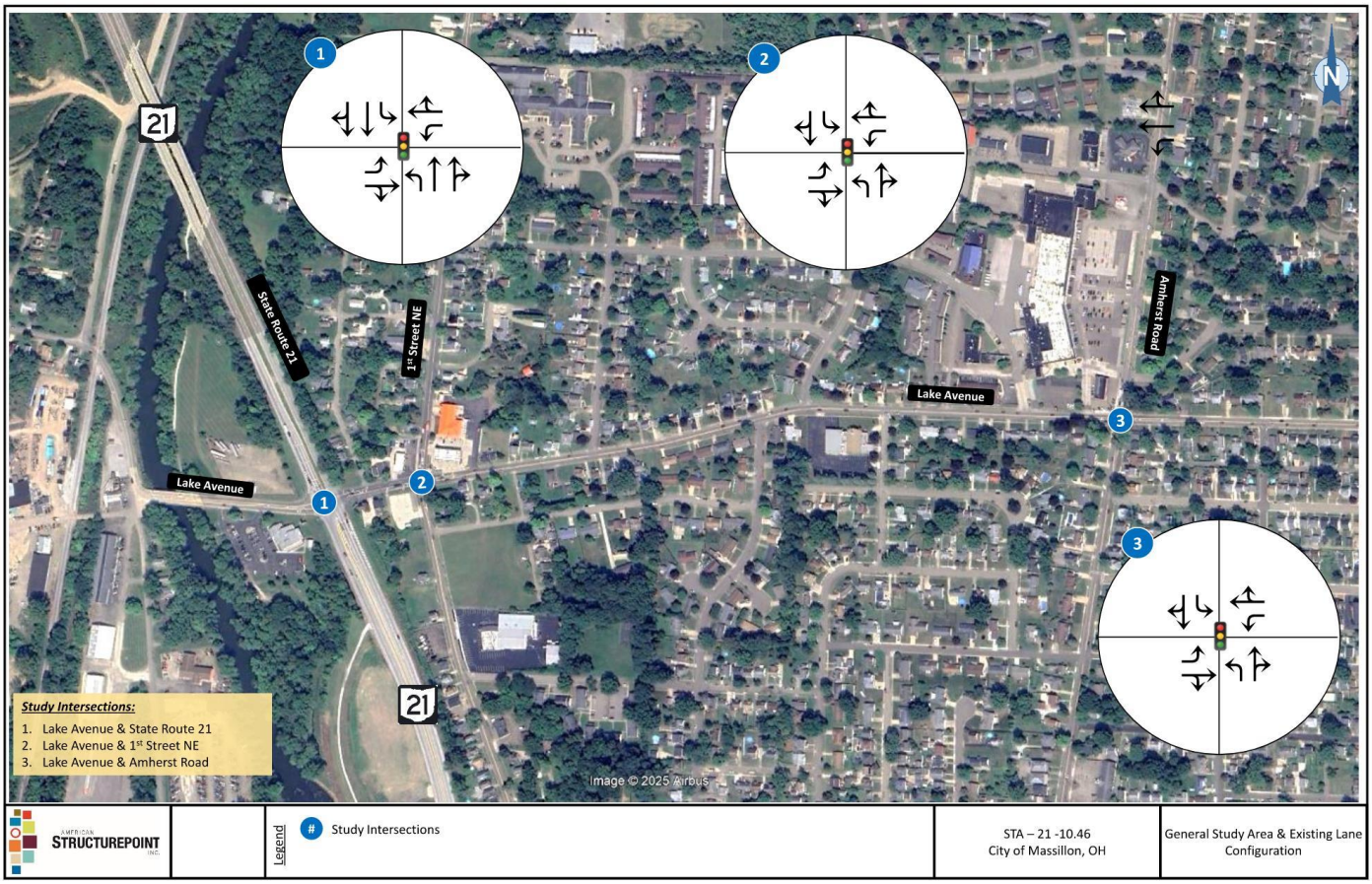

Figure 1: Lake Avenue Study Area Overview

3.0 Traffic Volumes

3.1 Traffic Data Collection

Loukas Engineering collected turning movement counts at all study intersections on Tuesday, April 18, 2025, from 7:00 AM to 7:00 PM. **Attachment A** provides detailed turning movement counts for the study intersections.

3.2 Traffic Volume Projection

Future traffic volumes were developed based on the procedures and tools provided by ODOT's Modeling and Forecasting Methodology. The published peak-hour-to-design-hour volume factors were used based on the functional classification of each roadway and the day of week on which the traffic counts were conducted. These factors account for the variability in traffic on a monthly and daily basis and convert peak-hour traffic counts to the design hour, defined as the 30th-highest hour of the year.

Background traffic growth accounts for a regional increase in traffic, driven by overall population growth and other developments that contribute to higher traffic volumes across the study area. Design Year 2048 traffic projections were developed based on an assumed background growth rate of 0.50% per year, based on discussions that occurred between American Structurepoint and the Stark County Area Transportation Study (SCATS). Future projected ADTs along State Route 21 and Lake Avenue were obtained from ODOT's Traffic Monitoring Management System website. These future traffic volumes were used to calculate the area's growth rate. This information was provided to SCATS, and it was agreed to use a 0.50% annual growth rate for this project. The traffic volumes for the Design Year 2048 are provided in **Figure 2**.

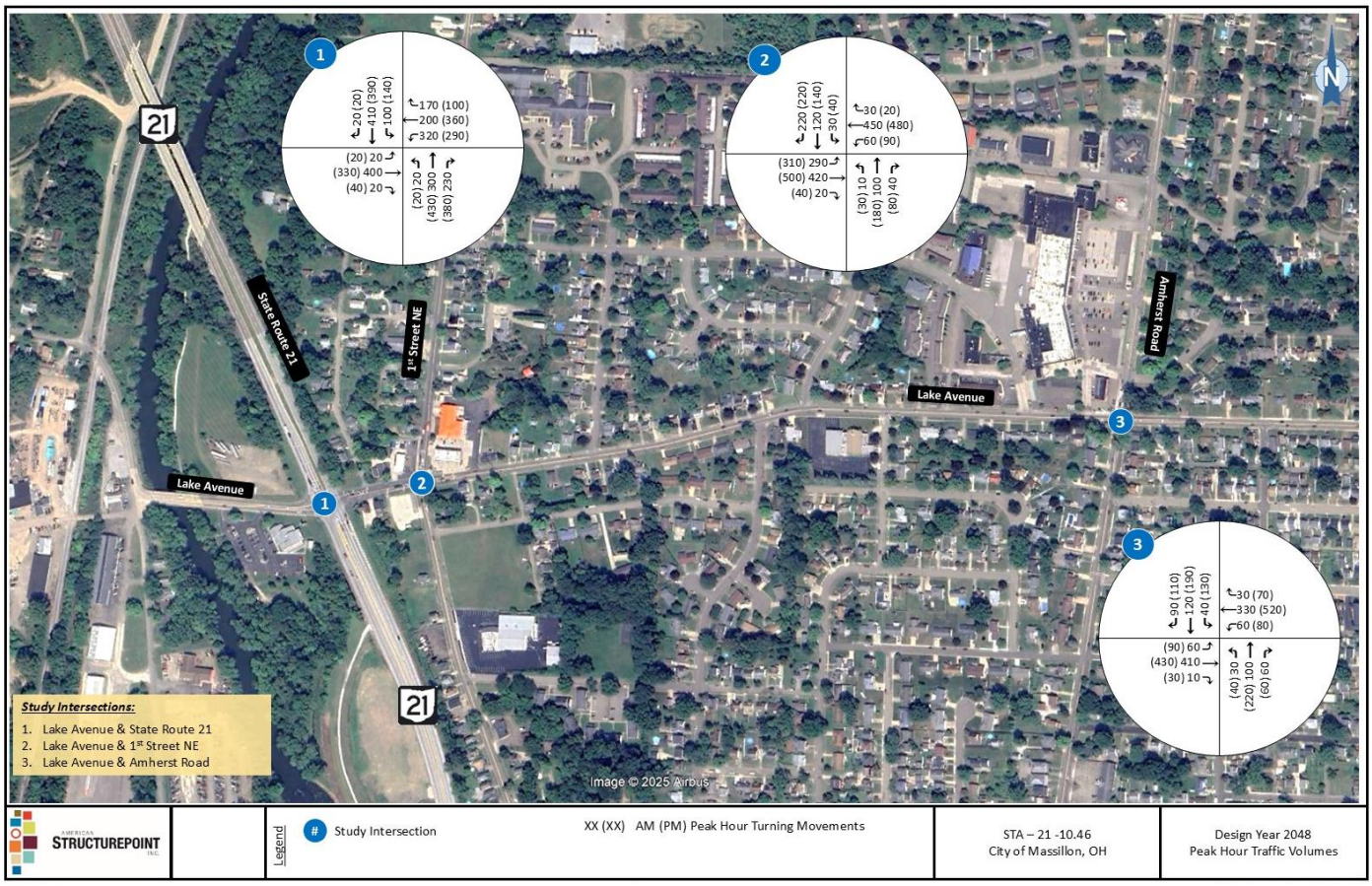

Figure 2: Design Year 2048 Peak Hour Traffic Volumes

4.0 Crash Data and Analysis

4.1 Lake Avenue Corridor

4.1.1 Lake Avenue Crash Data and Diagrams

A total of 81 crashes occurred along the Lake Avenue corridor from January 1, 2022, to December 31, 2024. None of the reported crashes resulted in fatalities, while 2 (2.5%) resulted in serious injuries and 3 (3.7%) in minor injuries. Approximately 89% of the crashes along the Lake Avenue corridor were property-damage-only, making this corridor ineligible for a formal safety funding application to the ODOT HSIP program. The total number of crashes remained consistent across the analysis period, ranging from 26 in 2023 to 28 in 2024. A summary of the crash frequency by type is shown in **Table 1**.

4.1.2 Lake Avenue Crash Causes

Rear-end crashes are by far the most common type of crash in the study corridor. Weather was not cited as a significant contributing factor to the crashes, as only 15% of the crash reports occurred in adverse weather conditions such as fog, rain, snow, or sleet, and only 21% of all crashes listed snow or rain-covered roadways. Poor lighting conditions were not a significant contributing factor, as nearly 85% of the total crashes occurred during daylight hours, generally considered to be 7:00 AM to 6:00 PM. Drugs and alcohol were cited as a contributing factor in less than 2% of the total crashes and should not be considered a significant contributing factor.

4.1.3 Lake Avenue Crash Frequency

The study area has predominantly rear-end crashes, with sideswipe-passing as the second-highest crash type. This large percentage suggests that congestion and lane jockeying on the multilane approaches are significant contributing factors. The collision diagrams are provided in **Attachment B,** and **Table 1** provides percentages for each crash type in the study area.

Table 1: Lake Avenue Crash Type Frequencies

Crash Type	# of Crashes	%
Rear-End	43	53%
Sideswipe – Passing	12	15%
Angle	9	11%
Left Turn	6	8%
Right Turn	5	6%
Fixed Object	3	4%
Backing	1	1%
Parked Vehicle	1	1%
Other Non-Collision	1	1%

Most crashes at the Lake Avenue & State Route 21 and Lake Avenue & 1st Street NE intersections are rear-end and sideswipe–passing crashes caused by congestion. These are common at urban, signalized intersections where vehicles frequently start and stop. Improving traffic flow by increasing capacity could help to mitigate these crashes.

Additionally, there were also angle, left turn, and right turn crashes observed at the two signalized intersections. These types of crashes are common at signalized intersections. They can be related to red light runners, high travel speeds, and driver frustration caused by congestion and not wanting to wait through another signal cycle. Roundabouts have been shown to be an effective strategy for reducing these types of crashes because the one-way travel and curvature of the entries essentially eliminate the possibility of angle, left turn, and head-on collisions.

In addition to the Lake Avenue corridor, three signalized intersections along State Route 21 within the City of Massillon were analyzed for crashes, and crash diagrams were created to investigate potential improvements and funding opportunities. The results are below.

4.2 State Route 21 Corridor

4.2.1 State Route 21 Crash Data and Diagrams

A total of 80 crashes occurred at the Cherry Road, Lilian Gish Blvd, and Walnut Street intersections with State Route 21 from January 1, 2022, to December 31, 2024. None of the reported crashes resulted in fatalities, while 1 (1.3%) resulted in serious injuries and 5 (6.3%) in minor injuries. Approximately 83% of the crashes at these intersections were property-damage-only, making all intersections ineligible for a formal safety funding application to the ODOT HSIP program. The total number of crashes varied across years in the analysis period, from 21 in 2022 to 31 in 2023. A summary of the crash frequency by type is shown in **Table 2**. The crash diagrams are included in **Attachment B**.

Table 2: State Route 21 Crash Type Frequencies

Crash Type	# of Crashes	%
Rear-End	48	60%
Angle	9	11%
Fixed Object	8	10%
Left Turn	7	9%
Sideswipe – Passing	6	8%
Overturing	1	1%
Backing	1	1%

4.2.2 State Route 21 & Cherry Road

A total of 35 crashes occurred at the State Route 21 & Cherry Road intersection from January 1, 2022, to December 31, 2024. None of the crashes reported fatalities, while 1 (2.3%) resulted in serious injuries and 3 (8.5%) in minor injuries. Approximately 89% of the crashes at this intersection were property-damage-only, making it ineligible for a formal safety funding application to the ODOT HSIP program. The total number of crashes has varied slightly across the analysis period, from 9 in 2022 to 14 in 2023.

4.2.3 State Route 21 & Lillian Gish Boulevard

A total of 18 crashes occurred at the State Route 21 & Lillian Gish intersection from January 1, 2022, to December 31, 2024. None of the reported crashes resulted in fatalities, while 5 (27.7%) resulted in minor injuries. Approximately 72% of the crashes at this intersection were property-damage-only, making it ineligible for a formal safety funding application to the ODOT HSIP program. The total number of crashes varied widely across the analysis period, from three in 2022 to 10 in 2023.

4.2.4 State Route 21 & Walnut Street

A total of 27 crashes occurred at the State Route 21 & Walnut Street intersection from January 1, 2022, to December 31, 2024. None of the reported crashes resulted in fatalities, while 5 (18.5%) resulted in minor injuries. Approximately 82% of the crashes at this intersection were property-damage-only, making it ineligible for a formal safety funding application to the ODOT HSIP program. The total number of crashes varied slightly across the analysis period, ranging from seven in 2023 to 11 in 2024.

5.0 Discussion of Alternates

One (1) build alternate was investigated at the Lake Avenue & Amherst Road intersection, while five (5) alternate scenarios were investigated at the Lake Avenue & State Route 21 and Lake Avenue & 1st Street NE intersections to determine which configuration would provide the most efficient operations and reduce the queuing between the two closely spaced intersections. The alternates that were considered are:

5.1 Lake Avenue & Amherst Road Build Alternate

This scenario involves converting the existing signalized intersection into a single-lane roundabout.

5.2 Build Alternate 1

This alternative maintains the existing signalized intersections and lane assignments at both intersections. The improvement scenario will consider modified signal timings and phasing and will function as the No Build option for comparison with the other alternates.

5.3 Build Alternate 2

This alternative involves converting both signalized intersections into roundabouts. The roundabouts should improve operations by reducing average vehicle delay, improving queueing between intersections, and potentially eliminating queue spillback. Numerous sub-alternates were considered with different lane configurations at potential roundabouts.

5.4 Build Alternate 3

This alternative includes constructing a roundabout at the Lake Avenue & 1st Street NE intersection and converting the Lake Avenue & State Route 21 intersection into a signalized Restricted Crossing U-Turn (RCUT) intersection, also known as a superstreet.

5.5 Build Alternate 4

This alternative focuses on enhancing the existing signalized intersections by adding turn lanes at both intersections. This will improve traffic operations, reduce vehicular queuing between the signals, and remain financially constrained. The City of Massillon currently has approximately $4 million in federal funding for this project. Alternate 4 aims to develop an improvement project at these intersections that could be constructed without requiring additional federal funding.

5.6 Build Alternate 5

This alternative also focuses on enhancing the existing signalized intersection at Lake Avenue and State Route 21 by adding turn lanes, while converting the Lake Avenue and 1st Street NE intersection into a single lane roundabout.

6.0 Intersection Capacity Analysis

A comprehensive capacity analysis, or level of service (LOS) assessment, was conducted in accordance with the Highway Capacity Manual (HCM) using both the HCS 2024 software and TransModeler. Due to its isolated location, HCS2024 was used to analyze the Lake Avenue & Amherst Road intersection. Due to their closing spacing, TransModeler was used to analyze the Lake Avenue & State Route 21 and Lake Avenue & 1st Street NE intersections.

This analysis evaluated the Design Year (2048) conditions for the study intersections for each scenario. Since Massillon is within the SCATS MPO, intersection performance was deemed acceptable if the LOS for each intersection was D or better, with no individual approach performing worse than LOS E.

The standard parameter for evaluating traffic operating conditions is the level-of-service (LOS). Six LOS classifications (A through F) relate to driving conditions from best to worst, respectively. LOS for signalized and unsignalized intersections is defined in terms of control delay per vehicle, which directly correlates to driver discomfort, frustration, fuel consumption, and lost travel time. **Table 3** provides the LOS criteria as defined in HCM.

Table 3: Level of Service Criteria for Unsignalized and Signalized Intersections

Level of Service	Control Delay (sec/veh)	
	Unsignalized Intersections	Signalized Intersections
A	≤ 10	≤ 10
B	> 10 and ≤ 15	> 10 and ≤ 20
C	> 15 and ≤ 25	> 20 and ≤ 35
D	> 25 and ≤ 35	> 35 and ≤ 55
E	> 35 and ≤ 55	> 55 and ≤ 80
F	> 50	> 80

6.1 Lake Avenue & Amherst Road Build Alternate

This intersection is signalized with dedicated left turn lanes and protected/permissive phasing provided on all four (4) approaches. This analysis will compare the existing conditions at the intersection with an alternative of converting it into a single-lane roundabout. The capacity analysis shows that the Lake Avenue & Amherst Road intersection is anticipated to operate with acceptable Levels-of-Service on all movements and approaches for the signalized options, with the overall intersection operating at LOS C in both peak hours. As a single lane roundabout, the intersection is anticipated to operate with all movements and approaches at LOS A during both peak hours. Based on the analysis results and observed crashes at this intersection, a roundabout should not be considered, as there does not appear to be a crash concern, and the City recently completed a traffic signal upgrade project in 2024. The intersection is anticipated to operate with acceptable LOS under the Design Year 2048 conditions. **Table 4** summarizes the capacity analysis results at the study intersection, and **Attachment C** contains the HCS intersection capacity analysis printouts.

Table 4: HCS Results Summary - Design Year 2048 Lake Avenue & Amherst Road Build Alternate								
			AM Peak Hour (C= 62.3 sec)			PM Peak Hour (C= 82.4 sec)		
Intersection	Intersection Control	Direction	Delay (s) / LOS	V/C	95th Percentile Queue (ft)	Delay (s) / LOS	V/C	95th Percentile Queue (ft)
Lake Avenue & Amherst Road	Signal with Existing Lane Configuration	***Overall***	***20.4 / C***			***26.7 / C***		
		EB L	13.3 / B	0.17	25	18.5 / B	0.35	50
		EB TR	19.5 / B	0.74	225	22.7 / C	0.69	300
		EB Approach	*18.7 / B*			*22 / C*		
		WB L	13.9 / B	0.20	25	16.4 / B	0.24	50
		WB TR	18.5 / B	0.64	200	26.7 / C	0.90	425
		WB Approach	*17.8 / B*			*25.5 / C*		
		NB L	20.6 / C	0.14	225	25.5 / C	0.19	50
		NB TR	25 / C	0.60	300	34.1 / C	0.83	250
		NB Approach	*24.4 / C*			*33 / D*		
		SB L	19.8 / B	0.14	25	25.2 / C	0.48	100
		SB TR	25.9 / C	0.74	150	31.8 / C	0.79	250
		SB Approach	*24.9 / C*			*29.8 / C*		
Lake Avenue & Amherst Road	Single Lane Roundabout	***Overall***	***8.3 / A***			***16.7 / C***		
		EB LTR	9.1 / A	0.49	75	14.9 / B	0.65	150
		EB Approach	*9.1 / A*			*14.9 / B*		
		WB LTR	7.7 / A	0.41	75	18.6 / C	0.75	200
		WB Approach	*7.7 / A*			*18.6 / C*		
		NB LTR	7.8 / A	0.27	50	13.2 / B	0.5	75
		NB Approach	*7.8 / A*			*13.2 / B*		
		SB LTR	7.9 / A	0.32	50	18.6 / C	0.66	150
		SB Approach	*7.9 / A*			*18.6 / C*		

6.2 Build Alternate 1

In Build Alternate 1, the Lake Avenue and State Route 21 & Lake Avenue, and 1st Street NE intersections will remain signalized with the existing lane geometries and assignments, with new traffic signals assumed due to impacts from constructing the shared-use path along Lake Avenue. These signals would be fully actuated and coordinated to provide the most efficient operations possible while providing progression between the two signals. This build alternate also serves as the No Build comparison, since it is assumed the signals would be improved and retimed by the Design Year 2048. As shown in **Table 5**, the capacity analysis results indicate that this alternative is expected to operate with acceptable Levels of Service, but numerous approaches will operate at LOS E. However, while the Levels-of-Service are acceptable, queuing between the two intersections would continue to be a problem and worsen as the volumes grow. The 95th percentile WB queue at the Lake Avenue and State Route 21 intersection is over 250 feet in both peak hours, with only approximately 225 feet between the two intersections. Additionally, the EB queue at the Lake Avenue and 1st Street NE intersection is over 250 feet in both peak hours. The EB thru movement will have queues of 550 feet in the AM peak hour and 625 feet in the PM peak hour at the Lake Avenue and State Route 21 intersection. Lastly, the WB queue at the Lake Avenue and 1st Street NE intersection is over 600 feet in the AM peak hour. The results from this alternate will be compared to determine the most effective and efficient approach to alleviate the queuing concern at both intersections. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

Table 5: TransModeler Results Summary - Design Year 2048 Build Alternate 1						
Intersection	Intersection Control	Direction	AM Peak Hour (C= 90 sec)		PM Peak Hour (C= 90 sec)	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Signal with Existing Lane Configuration	***Overall***	***34.5 / C***		***42 / D***	
		EB L	54.2 / D	50	78.2 / E	75
		EB TR	47.3 / D	550	64.7 / E	625
		EB Approach	*50.7 / D*		*71.4 / E*	
		WB L	35.4 / D	250	39.3 / D	250
		WB TR	13.3 / B	200	24.1 / C	275
		WB Approach	*24.4 / C*		*31.7 / C*	
		NB L	56.3 / E	75	54.2 / D	75
		NB T	27.3 / C	150	33.5 / C	250
		NB TR	24.4 / C	175	39.7 / D	350
		NB Approach	*36 / D*		*42.5 / D*	
		SB L	48 / D	200	55.1 / E	325
		SB T	25.1 / C	225	22.4 / C	175
		SB TR	24.4 / C	250	21.2 / C	200
		SB Approach	*34.5 / C*		*32.9 / C*	
Lake Avenue and 1st Street NE	Signal with Existing Lane Configuration	***Overall***	***28.9 / C***		***33.4 / C***	
		EB L	43.5 / D	250	37.7 / D	250
		EB TR	2.7 / A	75	19.1 / B	275
		EB Approach	*23.1 / C*		*28.4 / C*	
		WB L	45 / D	75	48.2 / D	125
		WB TR	18.7 / B	650	21.2 / C	375
		WB Approach	*31.8 / C*		*34.7 / C*	
		NB L	46.7 / D	25	52.2 / D	175
		NB TR	28.1 / C	100	27.4 / C	225
		NB Approach	*37.4 / D*		*39.8 / D*	
		SB L	38.2 / D	50	44 / D	75
		SB TR	27.1 / C	250	30.5 / C	375
		SB Approach	*32.7 / C*		*37.2 / D*	

6.3 Build Alternate 2

Build Alternate 2 was split into 2a, 2b, 2c, 2d, and 2e based on different roundabout configurations at the Lake Avenue and State Route 21 & Lake Avenue and 1st Street NE intersection. Roundabouts are being investigated at the two study intersections because they increase traffic flow (approximately 30-50%), reduce delays, and shorten traffic queues, as traffic flows continuously while minimizing stops and idling compared to traffic signals.

In addition to the capacity and queueing benefits, roundabouts also provide significant safety benefits over traditional signalized intersections. The Federal Highway Administration lists roundabouts as one of its 'proven safety countermeasures' due to the safety benefits they provide. When a roundabout replaces a stop sign or traffic signal,

the crash reduction is typically around 40% for overall crashes, 75% for injury crashes, 90% for fatal crashes, and 40 % for pedestrian crashes. This reduction in crashes is related to the following key safety benefits:

- **Lower Travel Speeds** – Roundabouts are typically designed to slow driver speed to 15-20 mph when entering the roundabout, leading to lower travel speeds, and a roundabout is a natural traffic calming measure.
- **Fewer Conflict Points** – A typical four-way intersection has 32 potential conflict points where vehicle paths can cross, while a roundabout reduces this number to just 8, which are mostly merging-type conflicts.
- **Elimination of Dangerous Crash Types** – The one-way travel nature and curvature of the entries essentially eliminate the possibility of angle, left turn, and head-on collisions, which are common at traditional intersections and often result in serious injury or death.
- **Safer for Pedestrians** – Pedestrians only cross one direction of travel at a time, using the splitter islands as a refuge island and reducing the crossing distances.

It should be noted that these safety benefits would apply to all roundabout scenarios proposed as part of this project and are not exclusive to any subalternate under consideration.

6.3.1 Build Alternate 2a

Build Alternate 2a looked at converting both signalized intersections into roundabouts. The initial thought was that the roundabout at Lake Avenue and 1st Street NE would be a single lane roundabout, while a 2x1 hybrid with a WB right turn lane was proposed at the Lake Avenue and State Route 21 intersection. The capacity analysis results, presented in **Table 6**, indicate that acceptable Levels of Service can be achieved at the Lake Avenue and 1st Street NE intersection. However, from a queuing perspective, the EB queue during the PM peak hour is approximately 275 feet, extending into the Lake Avenue and State Route 21 intersection and affecting operations there. The capacity analysis results show that the NB approach to the Lake Avenue and State Route 21 intersection is expected to operate at LOS F, with a queue exceeding 2000 feet during the PM peak hour. The delay on this approach pushes the overall intersection to operate at LOS F during that peak hour as well. These results appear to be tied to the queuing at the Lake Avenue and 1st Street NE intersection. The EB queue in the PM peak hour extends into the Lake Avenue and State Route 21 intersection, adversely affecting operations on that approach and creating the queue shown. Based on traffic volumes and experience, the LOS and delay shown on the NB approach during the PM peak hour are not believed to be a capacity issue at the intersection itself, but rather the queue from the Lake Avenue and 1st Street intersection is impacting operations at this location. An additional build alternate will be analyzed to address queues at Lake Avenue and 1st Street NE to determine if additional capacity is necessary for NB State Route 21 traffic. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

Table 6: TransModeler Results Summary - Design Year 2048 Build Alternate 2a						
Intersection	Intersection Control	Direction	AM Peak Hour		PM Peak Hour	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	2x1 Hybrid Roundabout with WB Right Turn Lane	***Overall***	***11.9 / B***		***84.1 / F***	
		EB LTR	27.7 / C	475	18.3 / B	225
		EB Approach	*27.7 / C*		*18.3 / B*	
		WB LTR	5.1 / A	125	9.7 / A	225
		WB Approach	*5.1 / A*		*9.7 / A*	
		NB LT	10 / B	100	334.8 / F	2275
		NB R	8.9 / A	50	164.4 / F	2175
		NB Approach	*9.4 / A*		*249.6 / F*	
		SB LT	10.5 / B	100	16.7 / B	150
		SB R	9.4 / A	75	15 / B	125
		SB Approach	*9.9 / A*		*15.8 / B*	
Lake Avenue and 1st Street NE	Single Lane Roundabout	***Overall***	***7.9 / A***		***16.9 / B***	
		EB LTR	9.3 / A	175	26.9 / C	275
		EB Approach	*9.3 / A*		*26.9 / C*	
		WB LTR	5.5 / A	125	9.2 / A	225
		WB Approach	*5.5 / A*		*9.2 / A*	
		NB LTR	11.2 / B	75	15.3 / B	125
		NB Approach	*11.2 / B*		*15.3 / B*	
		SB LTR	7.2 / A	100	9.3 / A	175
		SB Approach	*7.2 / A*		*9.3 / A*	

6.3.2 Build Alternate 2b

Build Alternate 2b continues to propose converting both intersections into roundabouts. At the Lake Avenue and 1st Street intersection, the TransModeler analysis shows that a single-lane roundabout with an EB left turn lane can provide acceptable LOS C or better for all movements and approaches during both peak hours, while also significantly reducing the queue between the two intersections and improving over the Build Alternate 2a scenario. This alternative would reduce the likelihood of vehicles queuing into the adjacent roundabout at State Route 21, thereby ensuring safe, efficient operations.

The roundabout at the Lake Avenue and State Route 21 intersection was still analyzed as a 2x1 hybrid with a WB right turn lane to provide safe and efficient operations while also ensuring the queue does not back up into the adjacent intersection. As shown in **Table 7**, the roundabout at the Lake Avenue and State Route 21 intersection is anticipated to operate at LOS B or better during both peak hours. The 95th percentile queue in the WB direction is 125' at the most. This alternative also fixes the existing queueing issue, as shown in Build Alternate 1. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

Table 7: TransModeler Results Summary - Design Year 2048 Build Alternate 2b						
			AM Peak Hour		PM Peak Hour	
Intersection	Intersection Control	Direction	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	2x1 Hybrid Roundabout with WB Right Turn Lane	***Overall***	***10.6 / B***		***9.2 / A***	
		EB LTR	30.1 / C	400	15.2 / B	225
		EB Approach	*30.1 / C*		*15.2 / B*	
		WB LT	2.3 / A	100	4.1 / A	125
		WB R	1.2 / A	50	1.7 / A	125
		WB Approach	*1.7 / A*		*2.9 / A*	
		NB LT	8.2 / A	100	10.2 / B	150
		NB R	7.8 / A	75	8.5 / A	75
		NB Approach	*8 / A*		*9.3 / A*	
		SB LT	9.9 / A	75	13.9 / B	100
		SB R	7.5 / A	50	10.4 / B	100
		SB Approach	*8.7 / A*		*12.1 / B*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***4.4 / A***		***7.3 / A***	
		EB LTR	2.1 / A	25	2.7 / A	75
		EB Approach	*2.1 / A*		*2.7 / A*	
		WB LTR	5.2 / A	125	10 / A	175
		WB Approach	*5.2 / A*		*10 / A*	
		NB LTR	6.1 / A	100	12.9 / B	225
		NB Approach	*6.1 / A*		*12.9 / B*	
		SB LTR	7.2 / A	75	8.9 / A	125
		SB Approach	*7.2 / A*		*8.9 / A*	

6.3.3 Build Alternate 2c

Build Alternate 2c also proposes converting both intersections into roundabouts. The roundabout at the Lake Avenue and 1st Street NE intersection continues to be a single lane roundabout with an EB left turn lane. As shown in **Table 8**, the Lake Avenue and 1st Street NE intersection continues to provide acceptable operations and queuing during both peak hours. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

This analysis assumes the roundabout at the Lake Avenue and State Route 21 intersection is reduced to a single thru lane in the NB and SB directions. Additionally, this roundabout provides a SB left turn lane, NB right turn lane, and WB right turn lane.

Table 8 shows that the roundabout proposed in Build Alternate 2c does not provide acceptable Levels-of-Service during the AM peak hour on the EB approach. This approach is projected to operate at LOS F during the AM peak hour due to the limited gaps in traffic that will exist within the roundabout, which is caused by the heavy SB thru and WB left turn movements funneled into a single lane.

Table 8: TransModeler Results Summary - Design Year 2048 Build Alternate 2c						
			AM Peak Hour		PM Peak Hour	
Intersection	Intersection Control	Direction	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Hybrid Roundabout with one NB and SB Thru Lane, SB Left, NB Right and WB Right Turn Lanes	***Overall***	***36.2 / D***		***12.8 / B***	
		EB LTR	173 / F	650	33.1 / C	350
		EB Approach	*173 / F*		*33.1 / C*	
		WB LT	2.4 / A	75	5.9 / A	150
		WB R	7.5 / A	75	18.9 / B	100
		WB Approach	*3.3 / A*		*4.4 / A*	
		NB LT	7 / A	75	8.6 / A	100
		NB R	8.5 / A	100	11.6 / B	150
		NB Approach	*7.8 / A*		*10.1 / B*	
		SB LT	8.4 / A	50	11 / B	75
		SB R	11.9 / B	175	17.1 / B	200
		SB Approach	*10.2 / B*		*14.1 / B*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***5 / A***		***8.9 / A***	
		EB LTR	3 / A	50	3.6 / A	50
		EB Approach	*3 / A*		*3.6 / A*	
		WB LTR	4.9 / A	125	10 / B	250
		WB Approach	*4.9 / A*		*10 / B*	
		NB LTR	9.4 / A	75	22 / C	175
		NB Approach	*9.4 / A*		*22 / C*	
		SB LTR	7.1 / A	75	9.1 / A	125
		SB Approach	*7.1 / A*		*9.1 / A*	

6.3.4 Build Alternate 2d

Build Alternate 2d continues to propose converting both intersections into roundabouts. The roundabout at the Lake Avenue and 1st Street NE intersection continues to be a single lane roundabout with an EB left turn lane. As shown in **Table 9**, the Lake Avenue and 1st Street NE intersection continues to provide acceptable operations and queuing during both peak hours. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

This analysis assumes the roundabout at the Lake Avenue and State Route 21 intersection is reduced to a single thru lane in the NB direction with two thru lanes in the SB direction. Additionally, this roundabout provides a NB right turn lane and a WB left turn lane, which aligns with the existing travel patterns.

Table 9 shows that the proposed roundabout at the Lake Avenue and State Route 21 intersection operates with acceptable Levels-of-Service and queueing during both peak hours for this alternative. These results show that the EB approach has the highest delay and queuing, with LOS C in the AM peak hour and a queue length of 450', a reduction from the 550' shown in the Build Alternate 1 conditions, which serves as the No Build.

Table 9: TransModeler Results Summary - Design Year 2048 Build Alternate 2d						
			AM Peak Hour		PM Peak Hour	
Intersection	Intersection Control	Direction	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Hybrid Roundabout with two SB travel lanes, one NB travel lane, NB Right Turn Lane, and WB Left Turn Lane	***Overall***	***9.9 / A***		***8.9 / A***	
		EB LTR	25.5 / C	450	14.1 / B	175
		EB Approach	*25.5 / C*		*14.1 / B*	
		WB L	2.8 / A	50	4.4 / A	75
		WB TR	3.1 / A	75	5 / A	100
		WB Approach	*2.9 / A*		*4.7 / A*	
		NB LT	8.8 / A	75	10.5 / B	150
		NB R	8.6 / A	75	10.3 / B	175
		NB Approach	*8.7 / A*		*10.4 / B*	
		SB LT	8.7 / A	75	10.4 / B	100
		SB R	6 / A	25	7.4 / A	75
		SB Approach	*7.3 / A*		*8.9 / A*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***6 / A***		***9.6 / A***	
		EB L	4.7 / A	50	5.3 / A	50
		EB TR	4.9 / A	50	6.1 / A	75
		EB Approach	*4.8 / A*		*5.7 / A*	
		WB LTR	5.9 / A	125	9.6 / A	225
		WB Approach	*5.9 / A*		*9.6 / A*	
		NB LTR	10.6 / B	75	21.4 / C	150
		NB Approach	*10.6 / B*		*21.4 / C*	
		SB LTR	6.6 / A	100	9.3 / A	100
		SB Approach	*6.6 / A*		*9.3 / A*	

Based on the results of Build Alternate 2d, it was requested that an interim condition be investigated to open the roundabout with a smaller footprint, to be expanded in the future once queuing and delays at the intersection became problematic. This smaller roundabout configuration would eliminate the second WB lane entering the roundabout. **Table 10** contains the Opening Year 2028 analysis for the Build Alternate 2d Interim conditions.

The roundabout at the Lake Avenue and 1st Street NE intersection continues to be a single lane roundabout with an EB left turn lane, which has been found to provide acceptable operations and queuing at the intersection. The results also show that the Lake Avenue and State Route 21 intersection is anticipated to operate with all movements and approaches at LOS B or better, with the WB queue at State Route 21 being 175' in both peak hours. This analysis shows that this roundabout configuration can accommodate the Opening Year 2028 traffic demand from both a delay and queueing perspective.

Table 10: TransModeler Results Summary - Opening Year 2028 Interim Build Alternate 2d						
			AM Peak Hour		PM Peak Hour	
Intersection	Intersection Control	Direction	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Hybrid Roundabout with two SB travel lanes, one NB travel lane, and NB Right Turn Lane	***Overall***	***7.9 / A***		***8.9 / A***	
		EB LTR	13.5 / B	275	10 / B	175
		EB Approach	*13.5 / B*		*10 / B*	
		WB LTR	4.5 / A	175	8.5 / A	175
		WB Approach	*4.5 / A*		*8.5 / A*	
		NB LT	8.1 / A	75	9.2 / A	100
		NB R	8 / A	75	8.9 / A	125
		NB Approach	*8.1 / A*		*9.1 / A*	
		SB LT	8.2 / A	75	9.8 / A	100
		SB R	6.3 / A	75	7.5 / A	75
		SB Approach	*7.2 / A*		*8.6 / A*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***5.3 / A***		***6.8 / A***	
		EB L	4.3 / A	25	4.9 / A	50
		EB TR	4.7 / A	50	5.6 / A	100
		EB Approach	*4.5 / A*		*5.3 / A*	
		WB LTR	4.3 / A	100	5.7 / A	150
		WB Approach	*4.3 / A*		*5.7 / A*	
		NB LTR	9.2 / A	50	12.4 / B	125
		NB Approach	*9.2 / A*		*12.4 / B*	
		SB LTR	6.5 / A	75	7.5 / A	100
		SB Approach	*6.5 / A*		*7.5 / A*	

Once it was determined that the Build Alternate 2d Interim configuration could accommodate the Opening Year 2028 traffic demand, an additional analysis was conducted to assess the interim configuration under Design Year 2048 conditions. **Table 11** presents the results of this analysis for the Design Year 2048 conditions.

The roundabout at the Lake Avenue and 1st Street NE intersection continues to be a single lane roundabout with an EB left turn lane, which has been found to provide acceptable operations and queuing at the intersection. These results also show that the Lake Avenue and State Route 21 intersection is anticipated to operate with all movements and approaches at LOS C or better during the AM peak hour and LOS B or better during the PM peak hour. However, the results show that the queue on the WB approach is anticipated to be 250', which exceeds the maximum queue length available between the two intersections. These results indicate that while the interim condition for Build Alternate 2d can accommodate the Opening Year 2028 conditions, it does not provide adequate operations at the Lake Avenue and State Route 21 intersection into the Design Year 2048 conditions. If the City of Massillon chooses to build the roundabout using the Interim Build Alternate 2d condition, it will need to be upgraded to the full Build Alternate 2d configuration if future traffic volumes increase as projected.

Table 11: TransModeler Results Summary - Design Year 2048 Interim Build Alternate 2d						
Intersection	Intersection Control	Direction	AM Peak Hour		PM Peak Hour	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Hybrid Roundabout with two SB travel lanes, one NB travel lane, and NB Right Turn Lane	***Overall***	***10.3 / B***		***12 / B***	
		EB LTR	23.1 / C	400	14.2 / B	175
		EB Approach	*23.1 / C*		*14.2 / B*	
		WB LTR	5.5 / A	100	14.5 / B	250
		WB Approach	*5.5 / A*		*14.5 / B*	
		NB LT	8.8 / A	100	10.3 / B	125
		NB R	8.4 / A	75	10.2 / B	150
		NB Approach	*8.6 / A*		*10.3 / B*	
		SB LT	8.8 / A	75	11 / B	100
		SB R	6.8 / A	50	8.3 / A	75
		SB Approach	*7.8 / A*		*9.6 / A*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***5.9 / A***		***7.9 / A***	
		EB L	4.5 / A	25	5.4 / A	50
		EB TR	4.8 / A	50	6.2 / A	75
		EB Approach	*4.7 / A*		*5.8 / A*	
		WB LTR	5.2 / A	150	7 / A	250
		WB Approach	*5.2 / A*		*7 / A*	
		NB LTR	11 / B	125	14.4 / B	225
		NB Approach	*11 / B*		*14.4 / B*	
		SB LTR	7.4 / A	100	8.9 / A	250
		SB Approach	*7.4 / A*		*8.9 / A*	

6.3.5 Build Alternate 2e

Build Alternate 2e continues to propose converting both intersections into roundabouts. The roundabout at the Lake Avenue and 1st Street NE intersection continues to be a single lane roundabout with an EB left turn lane. As shown in **Table 12**, the Lake Avenue and 1st Street NE intersection continues to provide acceptable operations and queuing during both peak hours. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

This analysis assumes the roundabout at the Lake Avenue and State Route 21 intersection is reduced to a single thru lane in the NB and SB directions. Additionally, this roundabout provides a SB left turn lane, NB right turn lane, and WB left turn lane.

Table 8 also shows that the roundabout proposed in Build Alternate 2c does not provide acceptable Levels-of-Service during the AM peak hour on the EB approach. This approach is projected to operate at LOS F during the AM peak hour due to the limited gaps in traffic that will exist within the roundabout, which is caused by the heavy SB thru and WB left turn movements funneled into a single lane.

Table 12: TransModeler Results Summary - Design Year 2048 Build Alternate 2e						
Intersection	Intersection Control	Direction	AM Peak Hour		PM Peak Hour	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Hybrid Roundabout with one NB and SB thru lane, SB Left Turn Lane, NB Right Turn Lane, and WB Left Turn Lane	***Overall***	***49.2 / D***		***15 / B***	
		EB LTR	258.4 / F	925	49.9 / D	575
		EB Approach	*258.4 / F*		*49.9 / D*	
		WB LT	3 / A	75	5.2 / A	100
		WB R	2.7 / A	50	4.3 / A	75
		WB Approach	*2.9 / A*		*4.7 / A*	
		NB LT	7.9 / A	75	10.6 / B	125
		NB R	7.8 / A	100	10.7 / B	150
		NB Approach	*7.8 / A*		*10.6 / B*	
		SB LT	8.4 / A	50	9.5 / A	50
		SB R	10.9 / B	125	12 / B	125
		SB Approach	*9.6 / A*		*10.7 / B*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***5.6 / A***		***9.7 / A***	
		EB L	4.6 / A	50	5.4 / A	50
		EB TR	4.7 / A	75	6.2 / A	75
		EB Approach	*4.6 / A*		*5.8 / A*	
		WB LTR	4.6 / A	100	9.9 / A	225
		WB Approach	*4.6 / A*		*9.9 / A*	
		NB LTR	9 / A	75	21.2 / C	225
		NB Approach	*9 / A*		*21.2 / C*	
		SB LTR	7.2 / A	100	9.2 / A	100
		SB Approach	*7.2 / A*		*9.2 / A*	

6.3.6 Build Alternate 3

In Build Alternate 3, the Lake Avenue and State Route 21 intersection is converted to a signalized RCUT, with signalized U-turns located north and south of the main intersection. This allows the side street left, side street through, and mainline left turning traffic to complete their desired movements. This analysis assumes NB and SB right turn lanes are being constructed at the main intersection to accommodate the additional right turns for those movements, along with NB and SB left turn lanes at the U-turn intersections.

Table 13 below summarizes the capacity analysis results at the study intersection for Build Alternate 3. Please note that the results in this table are the control delay associated with each traffic signal. This does not account for the additional travel time associated with certain movements during the RCUT reroute. The capacity analysis results show that the proposed RCUT at the Lake Avenue and State Route 21 intersection and a roundabout at Lake Avenue and 1st Street NE intersection do not provide acceptable Levels-of-Service under the Design Year 2048 traffic conditions. The capacity analysis shows that the WB left of the Lake Avenue and 1st Street NE roundabout is expected to operate at LOS F, with a significant queue length resulting from queuing at the Lake Avenue and State Route 21 intersection. The proposed RCUT intersection does create the potential for additional rear-end crashes occurring along the State Route 21 corridor due to the introduction of two (2) additional traffic signals at the U-turn locations. There is currently a SB rear-end crash pattern at the Lake Avenue and State Route 21 intersection, and a similar pattern would be

expected if the RCUT is constructed. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

Table 13: TransModeler Results Summary - Design Year 2048 Build Alternate 3						
Intersection	Intersection Control	Direction	AM Peak Hour (C= 90 sec)		PM Peak Hour (C= 90 sec)	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Signalized RCUT Intersection with NB and SB Right Turn Lanes	***Overall***	***15.3 / B***		***19.1 / B***	
		EB R	21.1 / C	175	21.3 / C	150
		EB Approach	*21.1 / C*		*21.3 / C*	
		WB R	26.3 / C	275	29.9 / C	275
		WB Approach	*26.3 / C*		*29.9 / C*	
		NB T	6.3 / A	75	8.3 / A	125
		NB R	12.3 / B	250	21 / C	375
		NB Approach	*9.3 / A*		*14.7 / B*	
		SB T	12.5 / B	250	16.7 / B	275
		SB R	10.9 / B	225	16.5 / B	275
		SB Approach	*11.7 / B*		*16.6 / B*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***9.8 / A***		***57.4 / E***	
		EB LTR	5.2 / A	75	5.2 / A	100
		EB Approach	*5.2 / A*		*5.2 / A*	
		WB LTR	10.9 / B	200	131 / F	1150
		WB Approach	*10.9 / B*		*131 / F*	
		NB LTR	9.4 / A	75	45.6 / B	150
		NB Approach	*9.4 / A*		*15.6 / B*	
		SB LTR	11.9 / B	225	24.5 / C	250
		SB Approach	*11.9 / B*		*24.5 / C*	
State Route 21 and North U-Turn	Signalized U-Turn Location with NB Left Turn Lane	NBU	8.4 / A	250	11.5 / B	225
		SB	29.6 / C	175	35.1 / D	225
State Route 21 and South U-Turn	Signalized U-Turn Location with SB Left Turn Lane	SBU	31.1 / C	250	13.4 / B	225
		NB	14.1 / B	300	32.8 / C	475

6.3.7 Build Alternate 4

In Build Alternate 4, the existing intersections will remain signalized, with additional turn lanes constructed to improve traffic operations, reduce queue lengths, and allow the project to be built with the existing federal funds secured for this project. The traffic analysis assumed that three turn lanes would be constructed, providing the most significant operational benefit and queue reduction. At the Lake Avenue and State Route 21 intersection, a WB right turn lane with an associated right turn overlap phase is being proposed. EB and SB right turn lanes are also proposed at the Lake

Avenue and 1st Street NE intersection. **Table 14** summarizes the capacity analysis results at the study intersections for Build Alternate 4. The signalized intersections are expected to operate with less overall delay and queuing; however, the queue length is minimally reduced, and this alternative will not significantly improve the operations between these two intersections. It should be noted that additional lane configurations were considered for this scenario, and the configuration shown below provided the best results in queuing at the signalized intersections. One lane configuration that was analyzed included dual WB left turn lanes at the Lake Avenue and State Route 21 intersection. However, the inclusion of dual left turn lanes necessitated that the left turn phasing for this approach be either protected only or side street split phasing, neither of which improved the queuing to the extent shown below. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

Table 14: TransModeler Results Summary - Design Year 2048 Build Alternate 4

Intersection	Intersection Control	Direction	AM Peak Hour (C= 90 sec)		PM Peak Hour (C= 90 sec)	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Signal with Additional WB Right Turn Lane	***Overall***	***34.8 / C***		***42.1 / D***	
		EB L	58.7 / E	100	90.6 / F	100
		EB TR	53.1 / D	625	81.7 / F	650
		EB Approach	*55.9 / E*		*86.2 / F*	
		WB L	26.9 / C	275	26.4 / C	250
		WB T	8.6 / A	75	13.9 / A	200
		WB R	2.7 / A	50	4.4 / B	50
		WB Approach	*17.8 / B*		*20.1 / C*	
		NB L	55.3 / E	75	55.2 / E	75
		NB T	28.3 / C	150	33.9 / C	225
		NB R	24.4 / C	175	36.5 / D	475
		NB Approach	*36 / D*		*41.9 / D*	
		SB L	64.6 / E	225	71.4 / E	350
		SB T	25.1 / C	350	24.3 / C	225
		SB R	25.4 / C	250	23.6 / C	275
		SB Approach	*38.3 / D*		*39.8 / D*	

Table 14 Cont.: TransModeler Results Summary - Design Year 2048 Build Alternate 4						
Intersection	Intersection Control	Direction	AM Peak Hour (C= 90 sec)		PM Peak Hour (C= 90 sec)	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and 1st Street NE	Signal with Additional EB and SB Right Turn Lanes	***Overall***	***24.6 / C***		***26.4 / C***	
		EB L	41.2 / D	250	41.1 / D	275
		EB T	2.5 / A	100	7.3 / A	150
		EB R	0.3 / A	0	2.4 / A	50
		EB Approach	*14.7 / B*		*16.9 / B*	
		WB L	44.4 / D	75	46.6 / D	100
		WB TR	17.7 / B	325	21.4 / C	400
		WB Approach	*31.1 / C*		*34 / C*	
		NB L	44.8 / D	50	41.5 / D	75
		NB TR	31.3 / C	125	30.7 / C	175
		NB Approach	*38 / D*		*36.1 / D*	
		SB L	44.2 / D	75	45.2 / D	75
		SB T	32.3 / C	125	28 / C	100
		SB R	9.9 / A	75	10.4 / B	100
		SB Approach	*28.8 / C*		*27.8 / C*	

6.3.8 Build Alternate 5

In Build Alternate 5, the Lake Avenue and State Route 21 intersection will remain signalized with additional turn lanes constructed to improve traffic operations, while the Lake Avenue and 1st Street intersection is converted to a single lane roundabout with the EB left turn lane, similar to most other scenarios presented in this memo. The traffic analysis assumed that an additional WB left and right turn lane would be added to the Lake Avenue and State Route 21 intersection, along with converting the WB left turn phase to protected only due to the dual left turn movement. As shown in **Table 15**, the proposed single lane roundabout with an EB left turn lane is anticipated to provide acceptable Levels-of-Service and queuing at the Lake Avenue and 1st Street intersection as a roundabout. The improved traffic signal at the Lake Avenue and State Route 21 intersection is anticipated to operate with all movements at LOS E or better and all approaches at LOS C or better under the Design Year 2048 conditions. The queueing is also found to be acceptable with the WB queue reaching a maximum of approximately 200' in the PM peak hour. Please see **Attachment D** for the TransModeler analysis printouts for this alternative.

Table 15: TransModeler Results Summary - Design Year 2048 Build Alternate 5						
Intersection	Intersection Control	Direction	AM Peak Hour		PM Peak Hour	
			Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Lake Avenue and State Route 21	Signal with Additional WB Left and Right Turn Lanes	***Overall***	***23.1 / C***		***27.9 / C***	
		EB L	25.8 / C	50	44.8 / D	75
		EB T	23.6 / C	125	25.8 / C	100
		EB R	30.3 / C	275	26 / C	225
		EB Approach	*26.6 / C*		*32.2 / C*	
		WB L	28.8 / C	100	33.8 / C	125
		WB T	24 / C	150	21.6 / C	200
		WB R	4.8 / A	75	5.5 / A	50
		WB Approach	*19.2 / B*		*20.3 / C*	
		NB L	31.9 / C	75	38.2 / D	50
		NB T	16.6 / B	100	24.3 / C	200
		NB R	14.3 / B	175	24 / C	250
		NB Approach	*20.9 / C*		*28.9 / C*	
		SB L	42.8 / D	250	56.4 / E	275
		SB T	21 / C	200	24 / C	225
		SB R	20.2 / C	225	22.7 / C	250
		SB Approach	*28 / C*		*34.4 / C*	
Lake Avenue and 1st Street NE	Single Lane Roundabout with EB Left Turn Lane	***Overall***	***1.8 / A***		***2.7 / A***	
		EB L	1.1 / A	50	1.4 / A	50
		EB TR	0.8 / A	50	1.2 / A	50
		EB Approach	*0.9 / A*		*1.3 / A*	
		WB LTR	1.8 / A	75	3.1 / A	75
		WB Approach	*1.8 / A*		*3.1 / A*	
		NB LTR	3.4 / A	25	4.2 / A	50
		NB Approach	*3.4 / A*		*4.2 / A*	
		SB LTR	2.7 / A	75	4 / A	50
		SB Approach	*2.7 / A*		*4 / A*	

7.0 Final Alternate Configurations and Estimates

Based on the capacity analysis results, the following lane configuration is recommended for each alternative analyzed. **Attachment E** contains an exhibit to depict each alternate, and **Attachment F** contains a preliminary cost estimate for each.

Build Alternate 1 (Signal / Signal Option) – This build alternative served as the No Build scenario for signal operations and lane configurations comparison. Since no geometric improvements are being made as part of this alternative, there is limited safety benefit, and the capacity results indicate that the current queueing issue will persist and worsen over time as volumes continue to increase along both corridors. This alternative was eliminated from consideration due to its limited safety benefits and its inability to accommodate future capacity or queuing needs at the intersections. The total estimated cost of this alternative is approximately $2.4 million.

Build Alternate 2 (Roundabout / Roundabout Option) – Build Alternate 2 was split into Alternates 2a-2e to investigate further which roundabout options could provide acceptable capacity and queueing results in the future. These configurations also have their own pros and cons, depending on the safety differences between them.

Build Alternate 2a proposes to construct a 2x1 hybrid roundabout at the Lake Avenue and State Route 21 intersection and a single lane roundabout at the Lake Avenue and 1st Street NE intersection. Converting the two intersections into roundabouts will provide a substantial safety benefit over the existing signalized intersection, and the roundabout does not contain any 2-lane by 2-lane nodes, which can sometimes raise safety concerns. However, this roundabout has two thru lanes on NB and SB State Route 21, which could become an issue due to high truck volumes on State Route 21 and the possibility of two trucks entering the roundabout side-by-side. This alternate has been eliminated from consideration because the capacity analysis results show it does not provide adequate capacity or queue storage between the two intersections. The total estimated cost of this alternative is approximately $6.9 million.

Build Alternate 2b proposes to construct a 2x1 hybrid roundabout at the Lake Avenue and State Route 21 intersection and a single lane roundabout with a left turn lane at the Lake Avenue and 1st Street NE intersection. This alternate presents the same safety pros and cons as Build Alternate 2a, and the additional EB left turn lane through the Lake Avenue and 1St Street NE intersection is not anticipated to present any additional safety concerns since the Lake Avenue corridor has such a low percentage of trucks. The capacity analysis results show that this alternate provides adequate capacity at both intersections, and the queue is not expected to spill over into the adjacent roundabout. For this reason, it was determined that Build Alternate 2b is a viable improvement option and should be considered by the City of Massillon. The total estimated cost of this alternative is approximately $8.0 million.

Build Alternate 2c was created to investigate if it was possible to eliminate the two thru lanes NB and SB at the Lake Avenue and State Route 21 intersection. This alternative proposes constructing a single lane roundabout with EB left turn lane at Lake Avenue and 1st Street NE. The roundabout at the Lake Avenue and State Route 21 intersection provides one thru lane in the NB and SB direction, a SB left turn lane, a NB right turn lane, and a WB right turn lane. This alternate eliminates the safety concern of having two thru lanes entering the roundabout on the NB and SB approaches, while still providing the traditional safety benefits of a roundabout vs. a signalized intersection. The capacity analysis results show that this alternative fails for the EB approach during the AM peak hour due to limited gaps created and heavy SB thru and WB left movements in the roundabout, which have eliminated this alternate from consideration. The total estimated cost of this alternative is approximately $8.0 million.

Build Alternate 2d was created to provide additional capacity at the Lake Avenue and State Route 21 roundabout to address the capacity issue in Build Alternate 2c. This roundabout configuration contains two SB thru travel lanes, one NB thru lane, a NB right turn lane, a WB left, and a WB shared left-thru-right lane. Based on the capacity analysis results shown earlier in the memo, this alternative can accommodate future traffic demand with acceptable Levels of Service and minimal queuing at both intersections. This alternate

provides the safety benefit of a single thru lane in the NB direction, which is an improvement over Build Alternate 2b. However, this alternate does have two SB travel lanes merging into two lanes in the WB direction, creating additional conflict points at the SB entry. For this reason, it was determined that Build Alternate 2d is a viable improvement option and should be considered by the City of Massillon. The total estimated cost of this alternative is approximately $8.0 million.

Build Alternate 2d Interim was created to see if SB entry conflict points could be eliminated by having a single WB approach lane into the Lake Avenue and State Route 21 intersection. The capacity analysis results show that this configuration is viable under the Opening Year 2028 traffic conditions but fails under the Design Year 2048 conditions. This interim roundabout provides the safety benefits of a roundabout vs. a signal, has one NB travel lane through the Lake Avenue and State Route 21 roundabout, and reduces the conflict points at the SB and WB entry points. Additionally, this roundabout could be built to the full Build Alternate 2d roundabout, and the additional WB left turn lane and circulating lane within the roundabout could be striped out until it's needed in the future, should the traffic volume projections be realized. For this reason, it was determined that Build Alternate 2d is a viable short-term improvement option and should be considered by the City of Massillon, recognizing that the roundabout will need to be expanded in the future to accommodate Design Year traffic volumes. The total estimated cost of this alternative is approximately $8.0 million.

Build Alternate 2e was created to avoid having two SB travel lanes through the roundabout at Lake Avenue and State Route 21. This configuration has single NB and SB travel lanes, a SB left turn lane, a NB right turn lane, a WB left, and a WB shared left-thru-right lane. This configuration eliminates the two SB travel lanes on State Route 21, which is a safety benefit for this alternate, but still contains conflict points and potentially confusing lane assignments at the SB entry point. Capacity analysis results show this alternative has the same issue at Build Alternate 2c, where the EB approach during the AM peak hour fails due to limited gaps created and heavy SB through and WB left movements. For this reason, this alternate has been eliminated from consideration. The total estimated cost of this alternative is approximately $8.0 million.

Build Alternate 3 (RCUT / Roundabout Option) – Build Alternate 3 proposes creating a signalized RCUT intersection at the Lake Avenue and State Route 21 intersection, with signalized U-turn locations on both the north and south sides of the main intersection, allowing side-street left- and through-traffic to complete their desired movements. This build alternative assumes that NB and SB right turn lanes are being constructed at the central intersection location, and NB and SB left turn lanes are being built at the U-turn intersections. The proposed RCUT intersection would help to alleviate left turn and angle crashes at the Lake Avenue and State Route 21 intersection as a safety improvement. However, it also creates the potential for additional rear-end crashes occurring along the State Route 21 corridor due to the introduction of two (2) additional traffic signals at the U-turn locations. There is currently a SB rear-end crash pattern at the Lake Avenue and State Route 21 intersection, and a similar pattern would be expected if the RCUT is constructed. The capacity analysis results show that Build Alternate 3 does not provide acceptable Levels of Service, with the WB left at the Lake Avenue and 1st Street NE roundabout anticipated to operate at LOS F, resulting in significant queue lengths from the Lake Avenue and State Route 21 intersection. For this reason, this alternate has been eliminated from consideration. The total estimated cost of this alternative is approximately $6.8 million.

Build Alternate 4 (Widened Signal / Signal Option) – Build Alternate 4 proposes widening the two intersections to provide additional turn lanes to improve operations and reduce queuing, while continuing to operate the intersections under signal control. This build alternative proposes constructing a WB right turn lane at the Lake Avenue and State Route 21 intersection while also constructing EB and SB right turn lanes at the Lake Avenue and 1st Street intersection. While this alternative does not alleviate the queueing between the two intersections, its goal was to improve operations and queueing at the intersection, delivering a project that could be funded with the City of Massillon's existing SCATS funding without additional funds. This project provides limited safety benefits as the intersections will remain signalized. The reduced queueing created by the new turn lanes could help to alleviate some congestion-related rear-end crashes; however, this alternate does not address crash types that are more likely to lead to serious injury or fatal crashes, like angle and left turn crashes. Since this alternative does not provide acceptable Levels of Service or queueing between the two intersections, it has been eliminated from consideration. The total estimated cost of this alternative is approximately $4.3 million.

Build Alternate 5 (Widened Signal/Roundabout Option) - Build Alternate 4 proposes widening the Lake Avenue and State Route 21 intersection to add turn lanes, improving operations, and reducing queuing. Additionally, this alternative proposes converting the Lake Avenue and 1st Street NE intersection into a single lane roundabout with an EB left turn lane. This alternate provides a significant safety benefit to the Lake Avenue and 1st Street NE intersection by converting it to a roundabout. However, with the Lake Avenue and State Route 21 intersection remaining signalized, the improvement provides minimal safety benefit. Based on the capacity analysis results shown earlier in the memo, this alternative can accommodate future traffic demand with acceptable Levels of Service and minimal queuing at both intersections. Even though this alternate does not provide as substantial a safety benefit or capacity improvement as other viable alternatives, it should still be considered by the City of Massillon, as it accomplishes the goals of this project. The total estimated cost of this alternative is approximately $5.7 million.

These intersection alternatives are being considered in conjunction with the Lake Avenue improvement project. The costs discussed above apply only to the intersection improvements. The Lake Avenue corridor project, which includes roadway resurfacing, traffic calming through reduced lane widths, a shared-use path on the south side of the roadway, and a sidewalk on the north side, would be in addition to the cost of each alternative and has a current estimated cost of $6.5 million.

8.0 Summary and Recommendation

Based on the capacity and queuing analysis results, Build Alternates 2b, 2d, and 5 were deemed viable options to address the queuing concerns along the Lake Avenue corridor between the State Route 21 and 1st Street NE intersections. The capacity analysis results show that the improvements associated with Build Alternates 1, 2a, 2c, 2e, 3, and 4 are not sufficient to provide acceptable Levels-of-Service or queuing space in future conditions with unacceptable Levels-of-Service and/or queuing between the two intersections projected in each scenario.

Based on the information contained in this memo, the full build version of Build Alternate 2d is recommended to the City of Massillon for advancement to the design and funding phase of this project, pending the outcome of the public involvement process, which is required for a project of this type. This alternative is recommended over the others after considering vehicular safety, pedestrian safety, operational improvements, consistency for drivers, right-of-way impacts, and project cost. An additional consideration when selecting the preferred alternate is the pedestrian crossing at the Lake Avenue and State Route 21 intersection. The traffic signal in Build Alternate 5 poses a safety concern due to a long crossing distance, which can affect signal timings and queueing, and potential line-of-sight issues with traffic not seeing pedestrians in a crosswalk as they make the turn. The roundabout provides a shorter, two-stage crossing, fewer conflict points, slower travel speeds, and the need to cross only in one direction at a time.

Attachment G presents the comparison matrix, created for inclusion in the public involvement process. For simplicity, in the comparison matrix, Alternate 2d is called Alternate 2. Since this memo is available for the public meeting and went into detail on the other subalternates, the other dual roundabout alternates were not presented. Still, they will be discussed at the public meeting. This matrix will help residents of the City of Massillon and stakeholders understand the factors that went into the decision-making process.

While a funding gap exists between the federal funds secured and the project's overall cost, the City of Massillon has secured a significant portion of those funds after being awarded $4.15 million from the SCATS STBG funding program. Additionally, the City of Massillon has a pending application to the ODOT Highway Safety Improvement Program for $2 million in systemic safety program funding for pedestrian enhancements and safety improvements associated with this improvement project. American Structurepoint will continue working with the City of Massillon to identify further funding opportunities and help reduce the city's local share for this project.

9.0 List of Attachments

Attachment A – Traffic Count Data

Attachment B – Collision Diagrams

Attachment C – HCS Intersection Capacity Analysis Printouts

Attachment D – TransModeler Intersection Capacity Analysis Printouts

Attachment E – Proposed Improvement Exhibits

Attachment F – Opinion of Probable Costs

Attachment G – Comparison Matrix

Attachment A

Traffic Count Data

SR 21 & Lake Ave. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21 Southbound						Lake Ave. Westbound						SR 21 Northbound						Lake Ave. Eastbound						
Direction																									
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	4	68	8	0	**80**	0	43	44	68	0	**155**	0	33	68	4	0	**105**	0	2	59	14	0	**75**	0	**415**
7:15AM	3	63	17	0	**83**	0	51	54	70	0	**175**	0	51	85	8	0	**144**	0	4	73	2	0	**79**	0	**481**
7:30AM	2	107	23	0	**132**	0	24	37	73	0	**134**	0	45	51	5	0	**101**	0	4	93	10	0	**107**	0	**474**
7:45AM	6	98	18	0	**122**	0	24	34	69	0	**127**	0	47	54	5	0	**106**	0	3	84	3	0	**90**	0	**445**
Hourly Total	15	336	66	0	**417**	0	142	169	280	0	**591**	0	176	258	22	0	**456**	0	13	309	29	0	**351**	0	**1815**
8:00AM	4	72	21	0	**97**	0	38	38	53	0	**129**	0	53	63	3	0	**119**	0	6	75	1	0	**82**	0	**427**
8:15AM	1	66	18	0	**85**	0	35	31	51	0	**117**	0	38	64	2	0	**104**	0	5	68	6	0	**79**	0	**385**
8:30AM	1	60	19	0	**80**	0	28	31	60	0	**119**	0	52	53	2	0	**107**	0	11	64	2	0	**77**	0	**383**
8:45AM	5	53	22	0	**80**	0	13	46	59	0	**118**	0	39	50	7	0	**96**	0	7	56	4	0	**67**	0	**361**
Hourly Total	11	251	80	0	**342**	0	114	146	223	0	**483**	0	182	230	14	0	**426**	0	29	263	13	0	**305**	0	**1556**
9:00AM	3	56	13	0	**72**	0	25	32	45	0	**102**	0	46	58	7	0	**111**	0	3	45	2	0	**50**	0	**335**
9:15AM	4	54	16	0	**74**	0	14	35	40	0	**89**	0	31	36	5	0	**72**	0	11	51	3	0	**65**	0	**300**
9:30AM	4	38	13	0	**55**	0	13	34	45	0	**92**	0	37	43	6	0	**86**	0	2	41	0	0	**43**	0	**276**
9:45AM	6	53	11	0	**70**	0	13	29	61	0	**103**	0	34	47	6	0	**87**	0	6	57	4	0	**67**	0	**327**
Hourly Total	17	201	53	0	**271**	0	65	130	191	0	**386**	0	148	184	24	0	**356**	0	22	194	9	0	**225**	0	**1238**
10:00AM	0	35	10	0	**45**	0	19	39	40	0	**98**	0	33	51	7	0	**91**	0	6	53	3	0	**62**	0	**296**
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10:30AM	2	43	8	0	**53**	0	18	35	51	0	**104**	0	39	48	5	0	**92**	0	7	46	7	0	**60**	0	**309**
10:45AM	3	57	19	0	**79**	0	16	37	61	0	**114**	0	35	48	7	0	**90**	0	3	43	2	0	**48**	0	**331**
Hourly Total	10	186	44	0	**240**	0	65	153	193	0	**411**	0	152	188	24	0	**364**	0	21	185	17	0	**223**	0	**1238**
11:00AM	4	52	12	0	**68**	0	15	47	49	0	**111**	0	25	40	9	0	**74**	0	6	51	5	0	**62**	0	**315**
11:15AM	2	44	15	0	**61**	0	19	47	56	0	**122**	0	40	56	3	0	**99**	0	6	45	4	0	**55**	0	**337**
11:30AM	5	39	17	0	**61**	0	21	36	50	0	**107**	0	45	47	4	0	**96**	0	5	35	4	0	**44**	0	**308**
11:45AM	6	45	13	0	**64**	0	13	53	40	0	**106**	0	38	53	8	0	**99**	0	7	49	2	0	**58**	0	**327**
Hourly Total	17	180	57	0	**254**	0	68	183	195	0	**446**	0	148	196	24	0	**368**	0	24	180	15	0	**219**	0	**1287**
12:00PM	5	42	13	0	**60**	0	24	50	52	0	**126**	0	46	56	2	0	**104**	0	3	40	4	0	**47**	0	**337**
12:15PM	4	59	10	0	**73**	0	15	43	45	0	**103**	0	45	57	8	0	**110**	0	6	46	3	0	**55**	0	**341**
12:30PM	1	61	23	0	**85**	0	10	54	66	0	**130**	0	43	70	4	0	**117**	1	3	48	7	0	**58**	0	**390**
12:45PM	5	58	20	0	**83**	0	16	43	56	0	**115**	0	41	47	6	0	**94**	1	4	39	2	0	**45**	0	**337**
Hourly Total	15	220	66	0	**301**	0	65	190	219	0	**474**	0	175	230	20	0	**425**	2	16	173	16	0	**205**	0	**1405**
1:00PM	4	50	21	0	**75**	0	28	43	54	0	**125**	0	46	65	7	0	**118**	0	9	50	3	0	**62**	0	**380**
1:15PM	4	44	9	0	**57**	0	14	56	62	0	**132**	0	40	54	7	0	**101**	0	5	45	6	0	**56**	0	**346**
1:30PM	7	49	18	0	**74**	0	16	46	56	0	**118**	0	51	54	5	0	**110**	0	2	44	8	0	**54**	0	**356**
1:45PM	2	57	18	0	**77**	0	19	50	65	0	**134**	0	41	68	5	0	**114**	0	8	48	6	0	**62**	0	**387**
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2:00PM	2	46	24	0	**72**	0	19	46	66	0	**131**	0	63	52	4	0	**119**	0	7	50	2	0	**59**	0	**381**
2:15PM	4	56	10	0	**70**	0	29	61	69	0	**159**	0	57	79	7	0	**143**	0	7	47	2	0	**56**	0	**428**
2:30PM	3	61	21	0	**85**	0	19	51	55	0	**125**	0	60	88	5	0	**153**	0	1	65	6	0	**72**	0	**435**
2:45PM	3	61	18	0	**82**	0	19	63	75	0	**157**	0	58	82	9	0	**149**	0	7	73	4	0	**84**	0	**472**
Hourly Total	12	224	73	0	**309**	0	86	221	265	0	**572**	0	238	301	25	0	**564**	0	22	235	14	0	**271**	0	**1716**
3:00PM	7	62	18	0	**87**	0	11	64	59	0	**134**	0	65	83	7	0	**155**	0	6	64	4	0	**74**	0	**450**
3:15PM	3	51	27	0	**81**	0	25	66	76	0	**167**	0	59	78	7	0	**144**	0	8	62	6	0	**76**	0	**468**
3:30PM	4	100	33	0	**137**	0	14	83	58	0	**155**	0	72	87	4	0	**163**	0	11	82	5	0	**98**	0	**553**
3:45PM	3	72	31	0	**106**	0	24	55	54	0	**133**	0	73	88	1	0	**162**	0	5	70	5	0	**80**	0	**481**
Hourly Total	17	285	109	0	**411**	0	74	268	247	0	**589**	0	269	336	19	0	**624**	0	30	278	20	0	**328**	0	**1952**
4:00PM	5	85	31	0	**121**	0	18	74	52	0	**144**	0	94	89	4	0	**187**	0	12	52	9	0	**73**	0	**525**
4:15PM	4	70	23	0	**97**	0	26	79	67	0	**172**	0	76	101	7	0	**184**	0	7	67	1	0	**75**	0	**528**
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4:45PM	4	82	36	0	**122**	0	21	82	54	0	**157**	0	75	98	5	0	**178**	0	11	52	5	0	**68**	0	**525**
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SR 21 & Lake Ave. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

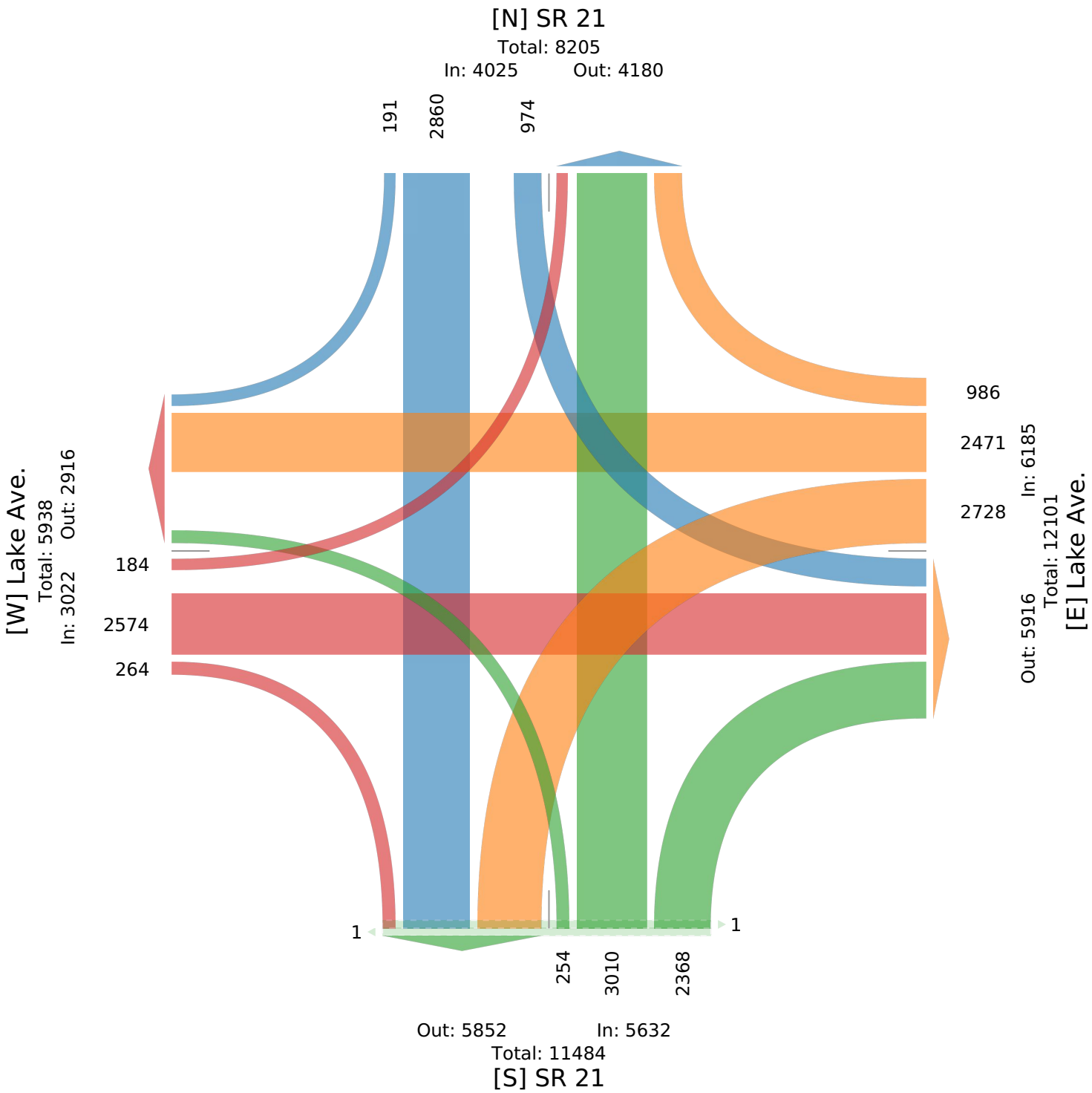
Leg	SR 21 Southbound						Lake Ave. Westbound						SR 21 Northbound						Lake Ave. Eastbound						
Direction																									
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	4	68	8	0	**80**	0	43	44	68	0	**155**	0	33	68	4	0	**105**	0	2	59	14	0	**75**	0	**415**
7:15AM	3	63	17	0	**83**	0	51	54	70	0	**175**	0	51	85	8	0	**144**	0	4	73	2	0	**79**	0	**481**
7:30AM	2	107	23	0	**132**	0	24	37	73	0	**134**	0	45	51	5	0	**101**	0	4	93	10	0	**107**	0	**474**
7:45AM	6	98	18	0	**122**	0	24	34	69	0	**127**	0	47	54	5	0	**106**	0	3	84	3	0	**90**	0	**445**
Hourly Total	15	336	66	0	**417**	0	142	169	280	0	**591**	0	176	258	22	0	**456**	0	13	309	29	0	**351**	0	**1815**
8:00AM	4	72	21	0	**97**	0	38	38	53	0	**129**	0	53	63	3	0	**119**	0	6	75	1	0	**82**	0	**427**
8:15AM	1	66	18	0	**85**	0	35	31	51	0	**117**	0	38	64	2	0	**104**	0	5	68	6	0	**79**	0	**385**
8:30AM	1	60	19	0	**80**	0	28	31	60	0	**119**	0	52	53	2	0	**107**	0	11	64	2	0	**77**	0	**383**
8:45AM	5	53	22	0	**80**	0	13	46	59	0	**118**	0	39	50	7	0	**96**	0	7	56	4	0	**67**	0	**361**
Hourly Total	11	251	80	0	**342**	0	114	146	223	0	**483**	0	182	230	14	0	**426**	0	29	263	13	0	**305**	0	**1556**
9:00AM	3	56	13	0	**72**	0	25	32	45	0	**102**	0	46	58	7	0	**111**	0	3	45	2	0	**50**	0	**335**
9:15AM	4	54	16	0	**74**	0	14	35	40	0	**89**	0	31	36	5	0	**72**	0	11	51	3	0	**65**	0	**300**
9:30AM	4	38	13	0	**55**	0	13	34	45	0	**92**	0	37	43	6	0	**86**	0	2	41	0	0	**43**	0	**276**
9:45AM	6	53	11	0	**70**	0	13	29	61	0	**103**	0	34	47	6	0	**87**	0	6	57	4	0	**67**	0	**327**
Hourly Total	17	201	53	0	**271**	0	65	130	191	0	**386**	0	148	184	24	0	**356**	0	22	194	9	0	**225**	0	**1238**
10:00AM	0	35	10	0	**45**	0	19	39	40	0	**98**	0	33	51	7	0	**91**	0	6	53	3	0	**62**	0	**296**
10:15AM	5	51	7	0	**63**	0	12	42	41	0	**95**	0	45	41	5	0	**91**	0	5	43	5	0	**53**	0	**302**
10:30AM	2	43	8	0	**53**	0	18	35	51	0	**104**	0	39	48	5	0	**92**	0	7	46	7	0	**60**	0	**309**
10:45AM	3	57	19	0	**79**	0	16	37	61	0	**114**	0	35	48	7	0	**90**	0	3	43	2	0	**48**	0	**331**
Hourly Total	10	186	44	0	**240**	0	65	153	193	0	**411**	0	152	188	24	0	**364**	0	21	185	17	0	**223**	0	**1238**
11:00AM	4	52	12	0	**68**	0	15	47	49	0	**111**	0	25	40	9	0	**74**	0	6	51	5	0	**62**	0	**315**
11:15AM	2	44	15	0	**61**	0	19	47	56	0	**122**	0	40	56	3	0	**99**	0	6	45	4	0	**55**	0	**337**
11:30AM	5	39	17	0	**61**	0	21	36	50	0	**107**	0	45	47	4	0	**96**	0	5	35	4	0	**44**	0	**308**
11:45AM	6	45	13	0	**64**	0	13	53	40	0	**106**	0	38	53	8	0	**99**	0	7	49	2	0	**58**	0	**327**
Hourly Total	17	180	57	0	**254**	0	68	183	195	0	**446**	0	148	196	24	0	**368**	0	24	180	15	0	**219**	0	**1287**
12:00PM	5	42	13	0	**60**	0	24	50	52	0	**126**	0	46	56	2	0	**104**	0	3	40	4	0	**47**	0	**337**
12:15PM	4	59	10	0	**73**	0	15	43	45	0	**103**	0	45	57	8	0	**110**	0	6	46	3	0	**55**	0	**341**
12:30PM	1	61	23	0	**85**	0	10	54	66	0	**130**	0	43	70	4	0	**117**	1	3	48	7	0	**58**	0	**390**
12:45PM	5	58	20	0	**83**	0	16	43	56	0	**115**	0	41	47	6	0	**94**	1	4	39	2	0	**45**	0	**337**
Hourly Total	15	220	66	0	**301**	0	65	190	219	0	**474**	0	175	230	20	0	**425**	2	16	173	16	0	**205**	0	**1405**
1:00PM	4	50	21	0	**75**	0	28	43	54	0	**125**	0	46	65	7	0	**118**	0	9	50	3	0	**62**	0	**380**
1:15PM	4	44	9	0	**57**	0	14	56	62	0	**132**	0	40	54	7	0	**101**	0	5	45	6	0	**56**	0	**346**
1:30PM	7	49	18	0	**74**	0	16	46	56	0	**118**	0	51	54	5	0	**110**	0	2	44	8	0	**54**	0	**356**
1:45PM	2	57	18	0	**77**	0	19	50	65	0	**134**	0	41	68	5	0	**114**	0	8	48	6	0	**62**	0	**387**
Hourly Total	17	200	66	0	**283**	0	77	195	237	0	**509**	0	178	241	24	0	**443**	0	24	187	23	0	**234**	0	**1469**
2:00PM	2	46	24	0	**72**	0	19	46	66	0	**131**	0	63	52	4	0	**119**	0	7	50	2	0	**59**	0	**381**
2:15PM	4	56	10	0	**70**	0	29	61	69	0	**159**	0	57	79	7	0	**143**	0	7	47	2	0	**56**	0	**428**
2:30PM	3	61	21	0	**85**	0	19	51	55	0	**125**	0	60	88	5	0	**153**	0	1	65	6	0	**72**	0	**435**
2:45PM	3	61	18	0	**82**	0	19	63	75	0	**157**	0	58	82	9	0	**149**	0	7	73	4	0	**84**	0	**472**
Hourly Total	12	224	73	0	**309**	0	86	221	265	0	**572**	0	238	301	25	0	**564**	0	22	235	14	0	**271**	0	**1716**
3:00PM	7	62	18	0	**87**	0	11	64	59	0	**134**	0	65	83	7	0	**155**	0	6	64	4	0	**74**	0	**450**
3:15PM	3	51	27	0	**81**	0	25	66	76	0	**167**	0	59	78	7	0	**144**	0	8	62	6	0	**76**	0	**468**
3:30PM	4	100	33	0	**137**	0	14	83	58	0	**155**	0	72	87	4	0	**163**	0	11	82	5	0	**98**	0	**553**
3:45PM	3	72	31	0	**106**	0	24	55	54	0	**133**	0	73	88	1	0	**162**	0	5	70	5	0	**80**	0	**481**
Hourly Total	17	285	109	0	**411**	0	74	268	247	0	**589**	0	269	336	19	0	**624**	0	30	278	20	0	**328**	0	**1952**
4:00PM	5	85	31	0	**121**	0	18	74	52	0	**144**	0	94	89	4	0	**187**	0	12	52	9	0	**73**	0	**525**
4:15PM	4	70	23	0	**97**	0	26	79	67	0	**172**	0	76	101	7	0	**184**	0	7	67	1	0	**75**	0	**528**
4:30PM	8	66	41	0	**115**	0	23	69	69	0	**161**	0	66	70	7	0	**143**	0	7	63	1	0	**71**	0	**490**
4:45PM	4	82	36	0	**122**	0	21	82	54	0	**157**	0	75	98	5	0	**178**	0	11	52	5	0	**68**	0	**525**
Hourly Total	21	303	131	0	**455**	0	88	304	242	0	**634**	0	311	358	23	0	**692**	0	37	234	16	0	**287**	0	**2068**
5:00PM	5	56	39	0	**100**	0	20	75	71	0	**166**	0	71	108	4	0	**183**	0	5	42	1	0	**48**	0	**497**
5:15PM	9	83	28	0	**120**	0	25	83	65	0	**173**	0	53	87	8	0	**148**	0	5	39	2	0	**46**	0	**487**

Leg	SR 21						Lake Ave.						SR 21						Lake Ave.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
5:30PM	9	61	40	0	**110**	0	24	73	63	0	**160**	0	56	68	4	0	**128**	0	2	41	0	0	**43**	0	**441**
5:45PM	2	79	32	0	**113**	0	16	69	57	0	**142**	0	61	60	5	0	**126**	0	2	45	2	0	**49**	0	**430**
Hourly Total	25	279	139	0	**443**	0	85	300	256	0	**641**	0	241	323	21	0	**585**	0	14	167	5	0	**186**	0	**1855**
6:00PM	4	51	26	0	**81**	0	15	57	50	0	**122**	0	48	51	5	0	**104**	0	4	43	1	0	**48**	0	**355**
6:15PM	4	59	24	0	**87**	0	18	56	54	0	**128**	0	28	30	4	0	**62**	0	2	41	3	0	**46**	0	**323**
6:30PM	2	37	19	0	**58**	0	17	44	50	0	**111**	0	41	46	5	0	**92**	0	2	45	0	0	**47**	0	**308**
6:45PM	4	48	21	0	**73**	0	7	55	26	0	**88**	0	33	38	0	0	**71**	0	4	40	3	0	**47**	0	**279**
Hourly Total	14	195	90	0	**299**	0	57	212	180	0	**449**	0	150	165	14	0	**329**	0	12	169	7	0	**188**	0	**1265**
Total	191	2860	974	0	**4025**	0	986	2471	2728	0	**6185**	0	2368	3010	254	0	**5632**	2	264	2574	184	0	**3022**	0	**18864**
% Approach	4.7%	71.1%	24.2%	0%	**-**	-	15.9%	40.0%	44.1%	0%	**-**	-	42.0%	53.4%	4.5%	0%	**-**	-	8.7%	85.2%	6.1%	0%	**-**	-	-
% Total	1.0%	15.2%	5.2%	0%	**21.3%**	-	5.2%	13.1%	14.5%	0%	**32.8%**	-	12.6%	16.0%	1.3%	0%	**29.9%**	-	1.4%	13.6%	1.0%	0%	**16.0%**	-	-
Lights	138	2494	955	0	**3587**	-	961	2397	2649	0	**6007**	-	2292	2646	192	0	**5130**	-	214	2501	121	0	**2836**	-	17560
% Lights	72.3%	87.2%	98.0%	0%	**89.1%**	-	97.5%	97.0%	97.1%	0%	**97.1%**	-	96.8%	87.9%	75.6%	0%	**91.1%**	-	81.1%	97.2%	65.8%	0%	**93.8%**	-	93.1%
Single-Unit Trucks	10	118	13	0	**141**	-	20	38	54	0	**112**	-	44	125	43	0	**212**	-	31	48	27	0	**106**	-	571
% Single-Unit Trucks	5.2%	4.1%	1.3%	0%	**3.5%**	-	2.0%	1.5%	2.0%	0%	**1.8%**	-	1.9%	4.2%	16.9%	0%	**3.8%**	-	11.7%	1.9%	14.7%	0%	**3.5%**	-	3.0%
Articulated Trucks	43	240	4	0	**287**	-	4	11	18	0	**33**	-	22	227	16	0	**265**	-	14	13	36	0	**63**	-	648
% Articulated Trucks	22.5%	8.4%	0.4%	0%	**7.1%**	-	0.4%	0.4%	0.7%	0%	**0.5%**	-	0.9%	7.5%	6.3%	0%	**4.7%**	-	5.3%	0.5%	19.6%	0%	**2.1%**	-	3.4%
Buses	0	7	1	0	**8**	-	1	23	7	0	**31**	-	10	8	3	0	**21**	-	5	11	0	0	**16**	-	76
% Buses	0%	0.2%	0.1%	0%	**0.2%**	-	0.1%	0.9%	0.3%	0%	**0.5%**	-	0.4%	0.3%	1.2%	0%	**0.4%**	-	1.9%	0.4%	0%	0%	**0.5%**	-	0.4%
Bicycles on Road	0	1	1	0	**2**	-	0	2	0	0	**2**	-	0	4	0	0	**4**	-	0	1	0	0	**1**	-	9
% Bicycles on Road	0%	0%	0.1%	0%	**0%**	-	0%	0.1%	0%	0%	**0%**	-	0%	0.1%	0%	0%	**0.1%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lake Ave. - TMC
Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lake Ave. - TMC

Thu Apr 10, 2025
AM Peak (7:15 AM - 8:15 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

LOUKAS engineering
TRAFFIC DATA & CONSULTING

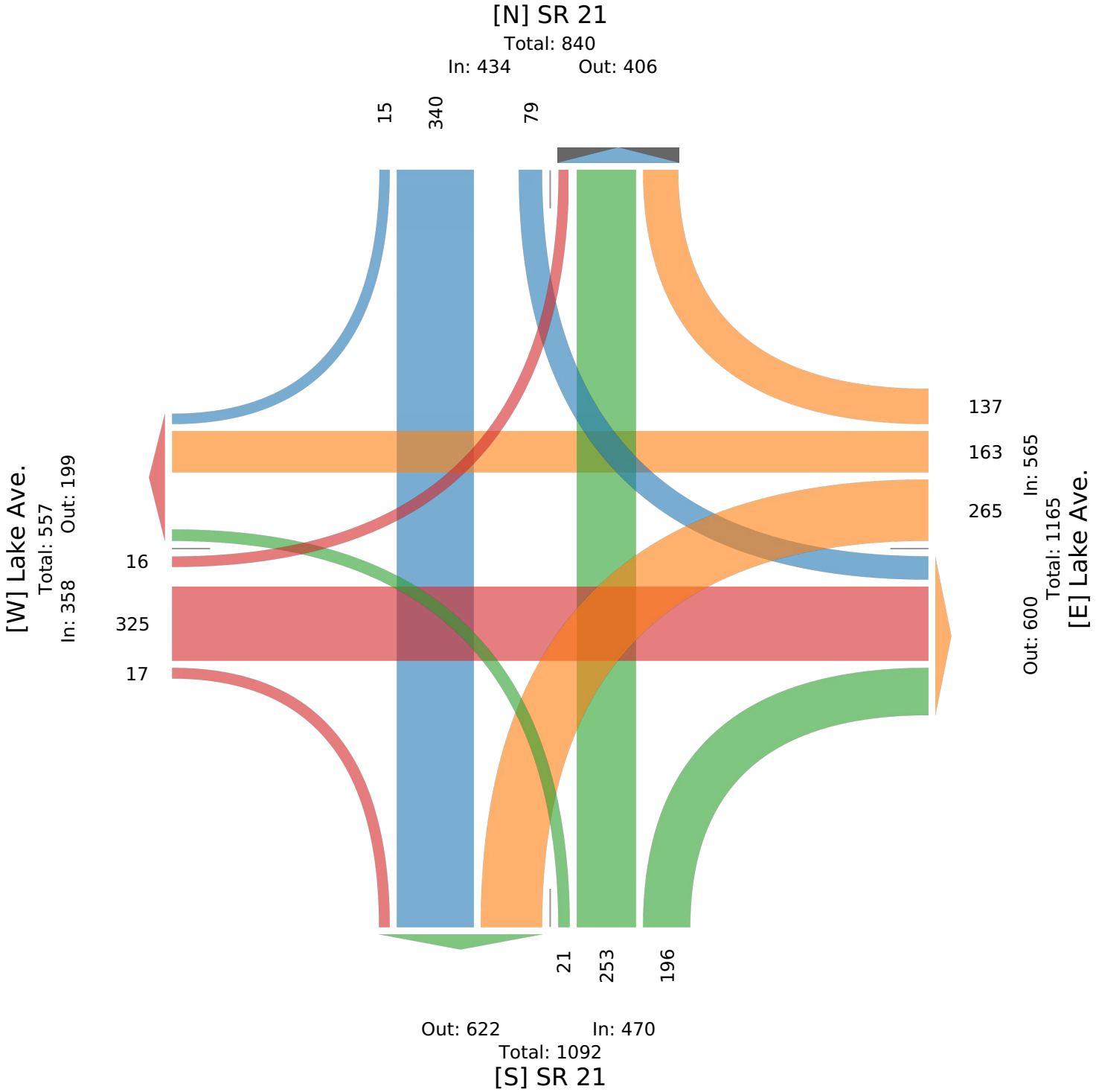
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg / Direction	SR 21 Southbound						Lake Ave. Westbound						SR 21 Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:15AM	3	63	17	0	**83**	0	51	54	70	0	**175**	0	51	85	8	0	**144**	0	4	73	2	0	**79**	0	**481**
7:30AM	2	107	23	0	**132**	0	24	37	73	0	**134**	0	45	51	5	0	**101**	0	4	93	10	0	**107**	0	**474**
7:45AM	6	98	18	0	**122**	0	24	34	69	0	**127**	0	47	54	5	0	**106**	0	3	84	3	0	**90**	0	**445**
8:00AM	4	72	21	0	**97**	0	38	38	53	0	**129**	0	53	63	3	0	**119**	0	6	75	1	0	**82**	0	**427**
Total	15	340	79	0	**434**	0	137	163	265	0	**565**	0	196	253	21	0	**470**	0	17	325	16	0	**358**	0	**1827**
% Approach	3.5%	78.3%	18.2%	0%	**-**	-	24.2%	28.8%	46.9%	0%	**-**	-	41.7%	53.8%	4.5%	0%	**-**	-	4.7%	90.8%	4.5%	0%	**-**	-	-
% Total	0.8%	18.6%	4.3%	0%	**23.8%**	-	7.5%	8.9%	14.5%	0%	**30.9%**	-	10.7%	13.8%	1.1%	0%	**25.7%**	-	0.9%	17.8%	0.9%	0%	**19.6%**	-	-
PHF	0.625	0.794	0.859	-	**0.822**	-	0.672	0.755	0.908	-	**0.807**	-	0.925	0.744	0.656	-	**0.816**	-	0.708	0.874	0.400	-	**0.836**	-	0.950
Lights	8	309	78	0	**395**	-	136	157	262	0	**555**	-	182	224	10	0	**416**	-	13	313	10	0	**336**	-	1702
% Lights	53.3%	90.9%	98.7%	0%	**91.0%**	-	99.3%	96.3%	98.9%	0%	**98.2%**	-	92.9%	88.5%	47.6%	0%	**88.5%**	-	76.5%	96.3%	62.5%	0%	**93.9%**	-	93.2%
Single-Unit Trucks	1	6	1	0	**8**	-	0	1	1	0	**2**	-	6	14	8	0	**28**	-	3	7	4	0	**14**	-	52
% Single-Unit Trucks	6.7%	1.8%	1.3%	0%	**1.8%**	-	0%	0.6%	0.4%	0%	**0.4%**	-	3.1%	5.5%	38.1%	0%	**6.0%**	-	17.6%	2.2%	25.0%	0%	**3.9%**	-	2.8%
Articulated Trucks	6	23	0	0	**29**	-	1	1	1	0	**3**	-	4	14	3	0	**21**	-	1	2	2	0	**5**	-	58
% Articulated Trucks	40.0%	6.8%	0%	0%	**6.7%**	-	0.7%	0.6%	0.4%	0%	**0.5%**	-	2.0%	5.5%	14.3%	0%	**4.5%**	-	5.9%	0.6%	12.5%	0%	**1.4%**	-	3.2%
Buses	0	2	0	0	**2**	-	0	4	1	0	**5**	-	4	1	0	0	**5**	-	0	3	0	0	**3**	-	15
% Buses	0%	0.6%	0%	0%	**0.5%**	-	0%	2.5%	0.4%	0%	**0.9%**	-	2.0%	0.4%	0%	0%	**1.1%**	-	0%	0.9%	0%	0%	**0.8%**	-	0.8%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lake Ave. - TMC
Thu Apr 10, 2025
AM Peak (7:15 AM - 8:15 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lake Ave. - TMC

Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

LOUKAS engineering
TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21 Southbound						Lake Ave. Westbound						SR 21 Northbound						Lake Ave. Eastbound						
Direction																									
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 1:00PM	4	50	21	0	**75**	0	28	43	54	0	**125**	0	46	65	7	0	**118**	0	9	50	3	0	**62**	0	**380**
1:15PM	4	44	9	0	**57**	0	14	56	62	0	**132**	0	40	54	7	0	**101**	0	5	45	6	0	**56**	0	**346**
1:30PM	7	49	18	0	**74**	0	16	46	56	0	**118**	0	51	54	5	0	**110**	0	2	44	8	0	**54**	0	**356**
1:45PM	2	57	18	0	**77**	0	19	50	65	0	**134**	0	41	68	5	0	**114**	0	8	48	6	0	**62**	0	**387**
Total	17	200	66	0	**283**	0	77	195	237	0	**509**	0	178	241	24	0	**443**	0	24	187	23	0	**234**	0	**1469**
% Approach	6.0%	70.7%	23.3%	0%	**-**	-	15.1%	38.3%	46.6%	0%	**-**	-	40.2%	54.4%	5.4%	0%	**-**	-	10.3%	79.9%	9.8%	0%	**-**	-	-
% Total	1.2%	13.6%	4.5%	0%	**19.3%**	-	5.2%	13.3%	16.1%	0%	**34.6%**	-	12.1%	16.4%	1.6%	0%	**30.2%**	-	1.6%	12.7%	1.6%	0%	**15.9%**	-	-
PHF	0.607	0.877	0.786	-	**0.919**	-	0.688	0.871	0.912	-	**0.950**	-	0.873	0.886	0.857	-	**0.939**	-	0.667	0.935	0.719	-	**0.944**	-	0.949
Lights	8	169	65	0	**242**	-	74	192	229	0	**495**	-	167	195	18	0	**380**	-	18	184	17	0	**219**	-	1336
% Lights	47.1%	84.5%	98.5%	0%	**85.5%**	-	96.1%	98.5%	96.6%	0%	**97.2%**	-	93.8%	80.9%	75.0%	0%	**85.8%**	-	75.0%	98.4%	73.9%	0%	**93.6%**	-	90.9%
Single-Unit Trucks	3	10	1	0	**14**	-	3	2	6	0	**11**	-	9	14	4	0	**27**	-	4	2	2	0	**8**	-	60
% Single-Unit Trucks	17.6%	5.0%	1.5%	0%	**4.9%**	-	3.9%	1.0%	2.5%	0%	**2.2%**	-	5.1%	5.8%	16.7%	0%	**6.1%**	-	16.7%	1.1%	8.7%	0%	**3.4%**	-	4.1%
Articulated Trucks	6	19	0	0	**25**	-	0	0	2	0	**2**	-	2	31	1	0	**34**	-	1	0	4	0	**5**	-	66
% Articulated Trucks	35.3%	9.5%	0%	0%	**8.8%**	-	0%	0%	0.8%	0%	**0.4%**	-	1.1%	12.9%	4.2%	0%	**7.7%**	-	4.2%	0%	17.4%	0%	**2.1%**	-	4.5%
Buses	0	2	0	0	**2**	-	0	1	0	0	**1**	-	0	1	1	0	**2**	-	1	1	0	0	**2**	-	7
% Buses	0%	1.0%	0%	0%	**0.7%**	-	0%	0.5%	0%	0%	**0.2%**	-	0%	0.4%	4.2%	0%	**0.5%**	-	4.2%	0.5%	0%	0%	**0.9%**	-	0.5%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lake Ave. - TMC

Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lake Ave. - TMC

Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

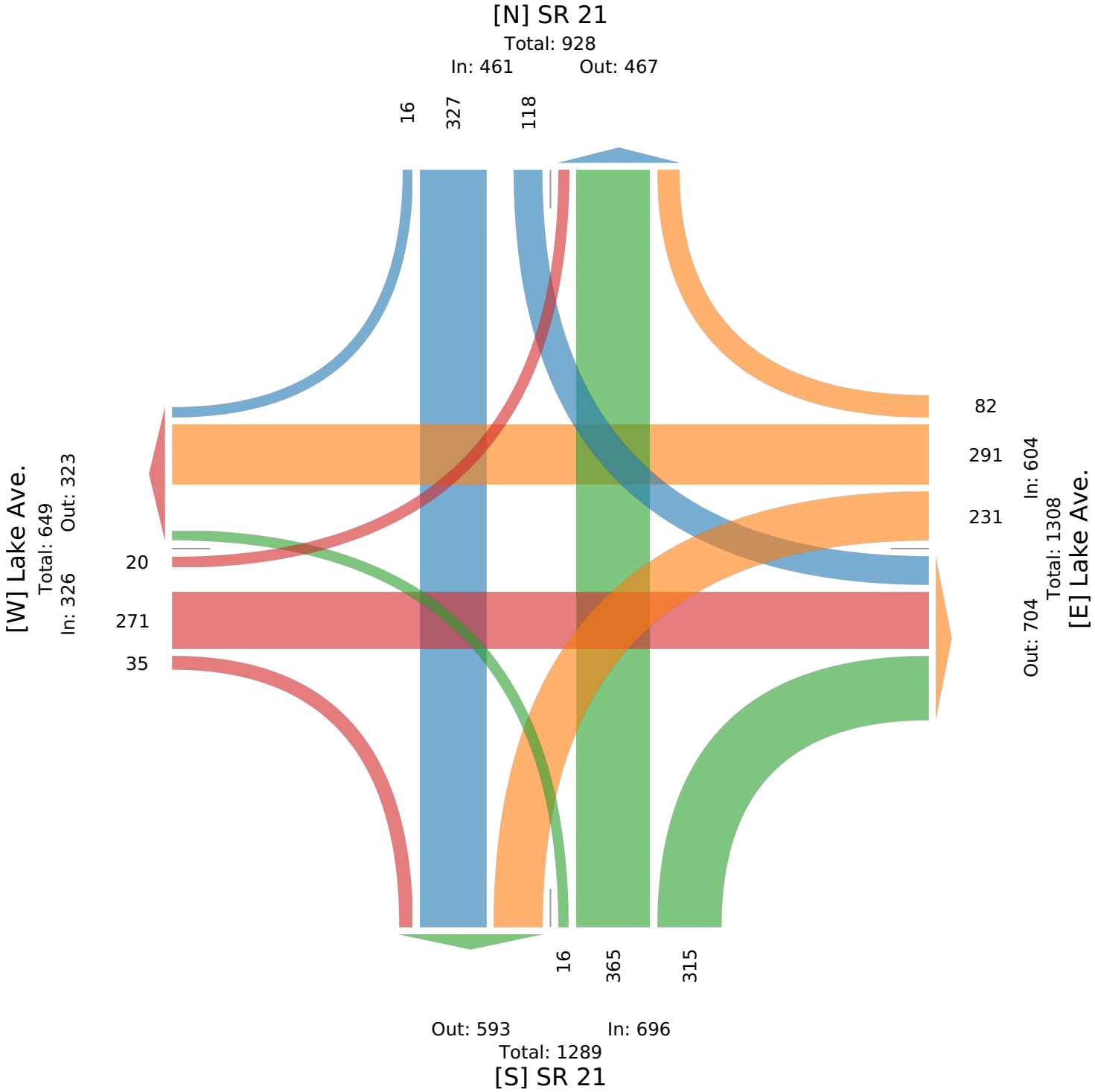
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg / Direction	SR 21 Southbound						Lake Ave. Westbound						SR 21 Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 3:30PM	4	100	33	0	**137**	0	14	83	58	0	**155**	0	72	87	4	0	**163**	0	11	82	5	0	**98**	0	**553**
3:45PM	3	72	31	0	**106**	0	24	55	54	0	**133**	0	73	88	1	0	**162**	0	5	70	5	0	**80**	0	**481**
4:00PM	5	85	31	0	**121**	0	18	74	52	0	**144**	0	94	89	4	0	**187**	0	12	52	9	0	**73**	0	**525**
4:15PM	4	70	23	0	**97**	0	26	79	67	0	**172**	0	76	101	7	0	**184**	0	7	67	1	0	**75**	0	**528**
Total	16	327	118	0	**461**	0	82	291	231	0	**604**	0	315	365	16	0	**696**	0	35	271	20	0	**326**	0	**2087**
% Approach	3.5%	70.9%	25.6%	0%	**-**	-	13.6%	48.2%	38.2%	0%	**-**	-	45.3%	52.4%	2.3%	0%	**-**	-	10.7%	83.1%	6.1%	0%	**-**	-	-
% Total	0.8%	15.7%	5.7%	0%	**22.1%**	-	3.9%	13.9%	11.1%	0%	**28.9%**	-	15.1%	17.5%	0.8%	0%	**33.3%**	-	1.7%	13.0%	1.0%	0%	**15.6%**	-	-
PHF	0.800	0.818	0.894	-	**0.841**	-	0.788	0.870	0.862	-	**0.875**	-	0.838	0.903	0.571	-	**0.930**	-	0.729	0.826	0.556	-	**0.832**	-	0.943
Lights	16	297	117	0	**430**	-	81	280	226	0	**587**	-	311	340	14	0	**665**	-	30	269	18	0	**317**	-	1999
% Lights	100%	90.8%	99.2%	0%	**93.3%**	-	98.8%	96.2%	97.8%	0%	**97.2%**	-	98.7%	93.2%	87.5%	0%	**95.5%**	-	85.7%	99.3%	90.0%	0%	**97.2%**	-	95.8%
Single-Unit Trucks	0	10	0	0	**10**	-	1	6	3	0	**10**	-	1	12	0	0	**13**	-	3	2	0	0	**5**	-	38
% Single-Unit Trucks	0%	3.1%	0%	0%	**2.2%**	-	1.2%	2.1%	1.3%	0%	**1.7%**	-	0.3%	3.3%	0%	0%	**1.9%**	-	8.6%	0.7%	0%	0%	**1.5%**	-	1.8%
Articulated Trucks	0	20	0	0	**20**	-	0	2	1	0	**3**	-	2	12	2	0	**16**	-	2	0	2	0	**4**	-	43
% Articulated Trucks	0%	6.1%	0%	0%	**4.3%**	-	0%	0.7%	0.4%	0%	**0.5%**	-	0.6%	3.3%	12.5%	0%	**2.3%**	-	5.7%	0%	10.0%	0%	**1.2%**	-	2.1%
Buses	0	0	1	0	**1**	-	0	1	1	0	**2**	-	1	1	0	0	**2**	-	0	0	0	0	**0**	-	5
% Buses	0%	0%	0.8%	0%	**0.2%**	-	0%	0.3%	0.4%	0%	**0.3%**	-	0.3%	0.3%	0%	0%	**0.3%**	-	0%	0%	0%	0%	**0%**	-	0.2%
Bicycles on Road	0	0	0	0	**0**	-	0	2	0	0	**2**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	2
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0.7%	0%	0%	**0.3%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0.1%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lake Ave. - TMC
Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286443, Location: 40.811927, -81.527659

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & 1st St. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

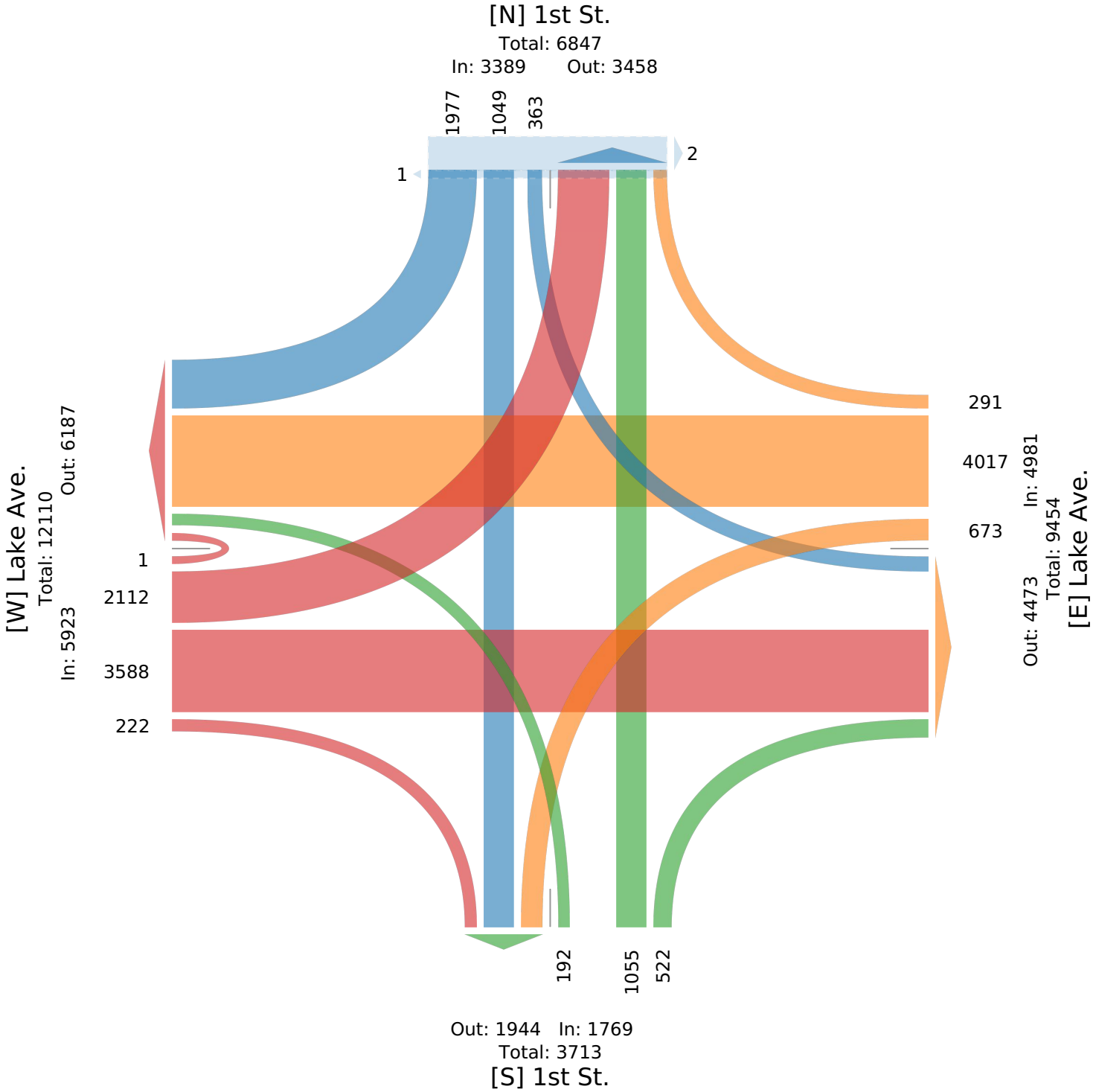
Leg	1st St.						Lake Ave.						1st St.						Lake Ave.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	50	17	2	0	**69**	0	6	105	6	0	**117**	0	2	11	3	0	**16**	0	2	61	45	0	**108**	0	**310**
7:15AM	58	21	6	0	**85**	0	5	111	6	0	**122**	0	5	18	5	0	**28**	0	6	76	62	0	**144**	0	**379**
7:30AM	47	35	10	0	**92**	0	5	83	11	0	**99**	0	3	18	0	0	**21**	0	3	100	56	0	**159**	0	**371**
7:45AM	47	26	9	0	**82**	0	7	87	21	0	**115**	0	8	30	2	0	**40**	0	2	77	67	0	**146**	0	**383**
Hourly Total	202	99	27	0	**328**	0	23	386	44	0	**453**	0	18	77	10	0	**105**	0	13	314	230	0	**557**	0	**1443**
8:00AM	36	17	5	0	**58**	0	5	81	13	0	**99**	0	16	17	2	0	**35**	0	4	86	53	0	**143**	0	**335**
8:15AM	39	18	5	0	**62**	0	6	77	13	0	**96**	0	5	10	4	0	**19**	0	1	78	43	0	**122**	0	**299**
8:30AM	44	18	3	0	**65**	0	7	81	3	0	**91**	0	5	19	1	0	**25**	0	5	88	52	1	**146**	0	**327**
8:45AM	48	30	3	0	**81**	0	4	56	12	0	**72**	0	2	19	2	0	**23**	0	7	73	26	0	**106**	0	**282**
Hourly Total	167	83	16	0	**266**	0	22	295	41	0	**358**	0	28	65	9	0	**102**	0	17	325	174	1	**517**	0	**1243**
9:00AM	36	17	5	0	**58**	0	0	68	8	0	**76**	0	13	14	0	0	**27**	0	1	60	38	0	**99**	0	**260**
9:15AM	29	15	7	0	**51**	0	3	62	9	0	**74**	0	8	21	1	0	**30**	0	3	75	35	0	**113**	0	**268**
9:30AM	39	11	8	0	**58**	0	6	52	8	0	**66**	0	9	11	3	0	**23**	0	4	62	24	0	**90**	0	**237**
9:45AM	33	19	3	0	**55**	1	7	62	20	0	**89**	0	7	19	7	0	**33**	0	1	66	34	0	**101**	0	**278**
Hourly Total	137	62	23	0	**222**	1	16	244	45	0	**305**	0	37	65	11	0	**113**	0	9	263	131	0	**403**	0	**1043**
10:00AM	23	17	9	0	**49**	1	2	69	9	0	**80**	0	11	16	3	0	**30**	0	2	72	26	0	**100**	0	**259**
10:15AM	25	11	7	0	**43**	0	9	64	16	0	**89**	0	14	13	3	0	**30**	0	4	59	31	0	**94**	0	**256**
10:30AM	28	23	5	0	**56**	0	7	76	12	0	**95**	0	8	15	4	0	**27**	0	3	51	32	0	**86**	0	**264**
10:45AM	36	11	3	0	**50**	0	5	69	14	0	**88**	0	6	18	1	0	**25**	0	4	75	32	0	**111**	0	**274**
Hourly Total	112	62	24	0	**198**	1	23	278	51	0	**352**	0	39	62	11	0	**112**	0	13	257	121	0	**391**	0	**1053**
11:00AM	35	24	4	0	**63**	0	5	86	13	0	**104**	0	15	20	3	0	**38**	0	3	63	36	0	**102**	0	**307**
11:15AM	31	14	7	0	**52**	0	16	71	13	0	**100**	0	7	32	3	0	**42**	0	1	65	34	0	**100**	0	**294**
11:30AM	34	16	5	0	**55**	0	1	74	12	0	**87**	0	14	15	3	0	**32**	0	1	51	46	0	**98**	0	**272**
11:45AM	35	17	7	0	**59**	0	4	71	10	0	**85**	0	15	21	3	0	**39**	0	3	59	35	0	**97**	0	**280**
Hourly Total	135	71	23	0	**229**	0	26	302	48	0	**376**	0	51	88	12	0	**151**	0	8	238	151	0	**397**	0	**1153**
12:00PM	34	17	8	0	**59**	0	5	82	21	0	**108**	0	16	14	2	0	**32**	0	2	55	40	0	**97**	0	**296**
12:15PM	35	22	6	0	**63**	0	3	78	8	0	**89**	0	9	25	4	0	**38**	0	7	63	32	0	**102**	0	**292**
12:30PM	38	23	10	0	**71**	0	5	72	16	0	**93**	0	15	24	4	0	**43**	0	7	74	35	0	**116**	0	**323**
12:45PM	30	29	7	0	**66**	0	6	86	13	0	**105**	0	14	12	5	0	**31**	0	7	69	26	0	**102**	0	**304**
Hourly Total	137	91	31	0	**259**	0	19	318	58	0	**395**	0	54	75	15	0	**144**	0	23	261	133	0	**417**	0	**1215**
1:00PM	38	20	4	0	**62**	0	2	76	12	0	**90**	0	10	14	5	0	**29**	0	5	68	40	0	**113**	0	**294**
1:15PM	37	18	8	0	**63**	0	6	85	14	0	**105**	0	11	17	5	0	**33**	0	2	60	37	0	**99**	0	**300**
1:30PM	42	21	6	0	**69**	0	5	74	19	0	**98**	0	6	20	2	0	**28**	0	6	66	36	0	**108**	0	**303**
1:45PM	45	19	5	0	**69**	0	11	80	20	0	**111**	0	11	23	7	0	**41**	0	1	70	36	0	**107**	0	**328**
Hourly Total	162	78	23	0	**263**	0	24	315	65	0	**404**	0	38	74	19	0	**131**	0	14	264	149	0	**427**	0	**1225**
2:00PM	46	23	7	0	**76**	0	5	87	17	0	**109**	0	16	14	9	0	**39**	0	6	75	54	0	**135**	0	**359**
2:15PM	47	21	13	0	**81**	0	5	106	20	0	**131**	0	12	19	6	0	**37**	0	7	65	47	0	**119**	0	**368**
2:30PM	38	24	11	0	**73**	0	8	89	15	0	**112**	0	12	29	3	0	**44**	0	9	86	57	0	**152**	0	**381**
2:45PM	55	33	12	0	**100**	0	8	95	24	0	**127**	0	13	31	6	0	**50**	0	2	89	51	0	**142**	0	**419**
Hourly Total	186	101	43	0	**330**	0	26	377	76	0	**479**	0	53	93	24	0	**170**	0	24	315	209	0	**548**	0	**1527**
3:00PM	40	26	13	0	**79**	0	7	107	14	0	**128**	0	14	23	7	0	**44**	0	6	81	60	0	**147**	0	**398**
3:15PM	51	18	7	0	**76**	0	7	103	19	0	**129**	0	14	28	7	0	**49**	0	9	87	48	0	**144**	0	**398**
3:30PM	43	28	12	0	**83**	0	3	104	21	0	**128**	0	23	29	7	0	**59**	0	10	105	66	0	**181**	0	**451**
3:45PM	42	41	8	0	**91**	0	8	78	19	0	**105**	0	15	34	7	0	**56**	0	13	111	56	0	**180**	0	**432**
Hourly Total	176	113	40	0	**329**	0	25	392	73	0	**490**	0	66	114	28	0	**208**	0	38	384	230	0	**652**	0	**1679**
4:00PM	44	19	10	0	**73**	0	7	104	18	0	**129**	0	10	43	7	0	**60**	0	5	97	66	0	**168**	0	**430**
4:15PM	49	25	7	0	**81**	0	4	103	17	0	**124**	0	18	35	5	0	**58**	0	7	96	66	0	**169**	0	**432**
4:30PM	62	22	3	0	**87**	0	9	105	11	0	**125**	0	25	38	6	0	**69**	0	6	107	53	0	**166**	0	**447**
4:45PM	38	31	12	0	**81**	1	6	107	17	0	**130**	0	8	24	2	0	**34**	0	6	98	59	0	**163**	0	**408**
Hourly Total	193	97	32	0	**322**	1	26	419	63	0	**508**	0	61	140	20	0	**221**	0	24	398	244	0	**666**	0	**1717**
5:00PM	66	30	19	0	**115**	0	9	115	12	0	**136**	0	14	40	1	0	**55**	0	4	90	51	0	**145**	0	**451**
5:15PM	55	27	10	0	**92**	0	6	112	21	0	**139**	0	8	28	7	0	**43**	0	1	62	54	0	**117**	0	**391**
5:30PM	60	23	15	0	**98**	0	12	94	16	0	**122**	0	6	28	5	0	**39**	0	7	98	45	0	**150**	0	**409**

Leg	1st St.						Lake Ave.						1st St.						Lake Ave.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
5:45PM	45	31	9	0	**85**	0	5	84	11	0	**100**	0	4	28	6	0	**38**	0	3	82	53	0	**138**	0	**361**
Hourly Total	226	111	53	0	**390**	0	32	405	60	0	**497**	0	32	124	19	0	**175**	0	15	332	203	0	**550**	0	**1612**
6:00PM	44	29	7	0	**80**	0	6	73	10	0	**89**	0	12	18	3	0	**33**	0	3	60	47	0	**110**	0	**312**
6:15PM	40	23	9	0	**72**	0	4	83	13	0	**100**	0	12	26	2	0	**40**	0	5	55	33	0	**93**	0	**305**
6:30PM	34	17	2	0	**53**	0	11	63	15	0	**89**	0	9	13	4	0	**26**	0	8	73	31	0	**112**	0	**280**
6:45PM	26	12	10	0	**48**	0	8	67	11	0	**86**	0	12	21	5	0	**38**	0	8	49	26	0	**83**	0	**255**
Hourly Total	144	81	28	0	**253**	0	29	286	49	0	**364**	0	45	78	14	0	**137**	0	24	237	137	0	**398**	0	**1152**
Total	1977	1049	363	0	**3389**	3	291	4017	673	0	**4981**	0	522	1055	192	0	**1769**	0	222	3588	2112	1	**5923**	0	**16062**
% Approach	58.3%	31.0%	10.7%	0%	**-**	-	5.8%	80.6%	13.5%	0%	**-**	-	29.5%	59.6%	10.9%	0%	**-**	-	3.7%	60.6%	35.7%	0%	**-**	-	-
% Total	12.3%	6.5%	2.3%	0%	**21.1%**	-	1.8%	25.0%	4.2%	0%	**31.0%**	-	3.2%	6.6%	1.2%	0%	**11.0%**	-	1.4%	22.3%	13.1%	0%	**36.9%**	-	-
Lights	1896	1034	358	0	**3288**	-	284	3924	662	0	**4870**	-	503	1042	187	0	**1732**	-	214	3507	2024	0	**5745**	-	15635
% Lights	95.9%	98.6%	98.6%	0%	**97.0%**	-	97.6%	97.7%	98.4%	0%	**97.8%**	-	96.4%	98.8%	97.4%	0%	**97.9%**	-	96.4%	97.7%	95.8%	0%	**97.0%**	-	97.3%
Single-Unit Trucks	53	8	4	0	**65**	-	1	58	9	0	**68**	-	3	10	2	0	**15**	-	5	49	53	0	**107**	-	255
% Single-Unit Trucks	2.7%	0.8%	1.1%	0%	**1.9%**	-	0.3%	1.4%	1.3%	0%	**1.4%**	-	0.6%	0.9%	1.0%	0%	**0.8%**	-	2.3%	1.4%	2.5%	0%	**1.8%**	-	1.6%
Articulated Trucks	23	3	0	0	**26**	-	0	9	0	0	**9**	-	0	1	2	0	**3**	-	1	16	28	1	**46**	-	84
% Articulated Trucks	1.2%	0.3%	0%	0%	**0.8%**	-	0%	0.2%	0%	0%	**0.2%**	-	0%	0.1%	1.0%	0%	**0.2%**	-	0.5%	0.4%	1.3%	100%	**0.8%**	-	0.5%
Buses	5	3	1	0	**9**	-	6	26	2	0	**34**	-	16	2	0	0	**18**	-	2	16	6	0	**24**	-	85
% Buses	0.3%	0.3%	0.3%	0%	**0.3%**	-	2.1%	0.6%	0.3%	0%	**0.7%**	-	3.1%	0.2%	0%	0%	**1.0%**	-	0.9%	0.4%	0.3%	0%	**0.4%**	-	0.5%
Bicycles on Road	0	1	0	0	**1**	-	0	0	0	0	**0**	-	0	0	1	0	**1**	-	0	0	1	0	**1**	-	3
% Bicycles on Road	0%	0.1%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0.5%	0%	**0.1%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & 1st St. - TMC
Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & 1st St. - TMC

Thu Apr 10, 2025
AM Peak (7:15 AM - 8:15 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

LOUKAS engineering
TRAFFIC DATA & CONSULTING

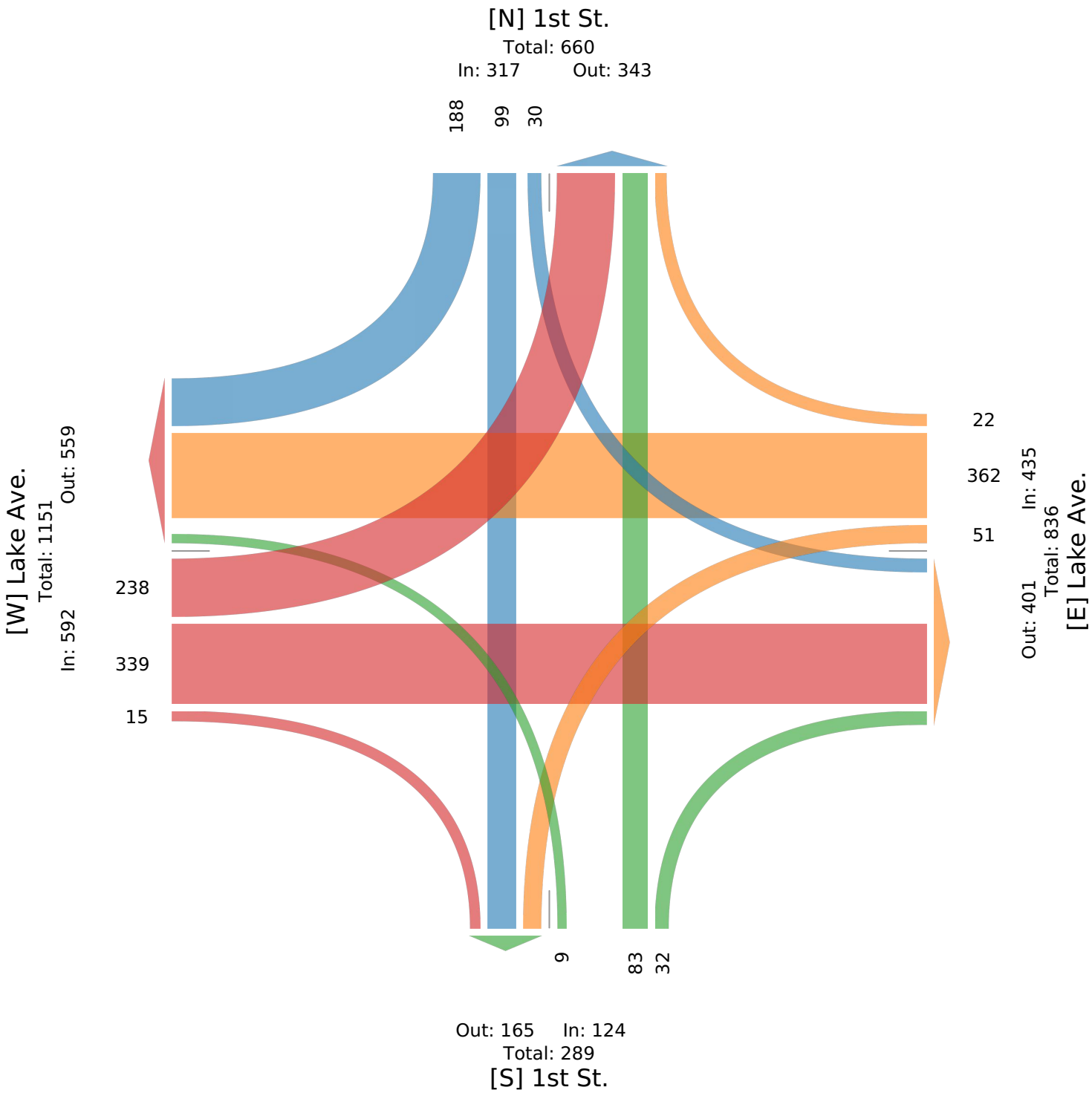
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg Direction	1st St. Southbound						Lake Ave. Westbound						1st St. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:15AM	58	21	6	0	**85**	0	5	111	6	0	**122**	0	5	18	5	0	**28**	0	6	76	62	0	**144**	0	**379**
7:30AM	47	35	10	0	**92**	0	5	83	11	0	**99**	0	3	18	0	0	**21**	0	3	100	56	0	**159**	0	**371**
7:45AM	47	26	9	0	**82**	0	7	87	21	0	**115**	0	8	30	2	0	**40**	0	2	77	67	0	**146**	0	**383**
8:00AM	36	17	5	0	**58**	0	5	81	13	0	**99**	0	16	17	2	0	**35**	0	4	86	53	0	**143**	0	**335**
Total	188	99	30	0	**317**	0	22	362	51	0	**435**	0	32	83	9	0	**124**	0	15	339	238	0	**592**	0	**1468**
% Approach	59.3%	31.2%	9.5%	0%	**-**	-	5.1%	83.2%	11.7%	0%	**-**	-	25.8%	66.9%	7.3%	0%	**-**	-	2.5%	57.3%	40.2%	0%	**-**	-	-
% Total	12.8%	6.7%	2.0%	0%	**21.6%**	-	1.5%	24.7%	3.5%	0%	**29.6%**	-	2.2%	5.7%	0.6%	0%	**8.4%**	-	1.0%	23.1%	16.2%	0%	**40.3%**	-	-
PHF	0.810	0.707	0.750	-	**0.861**	-	0.786	0.815	0.607	-	**0.891**	-	0.500	0.692	0.450	-	**0.775**	-	0.625	0.848	0.888	-	**0.931**	-	0.958
Lights	185	97	29	0	**311**	-	21	353	51	0	**425**	-	30	82	9	0	**121**	-	13	329	215	0	**557**	-	1414
% Lights	98.4%	98.0%	96.7%	0%	**98.1%**	-	95.5%	97.5%	100%	0%	**97.7%**	-	93.8%	98.8%	100%	0%	**97.6%**	-	86.7%	97.1%	90.3%	0%	**94.1%**	-	96.3%
Single-Unit Trucks	1	1	0	0	**2**	-	0	4	0	0	**4**	-	0	0	0	0	**0**	-	1	3	13	0	**17**	-	23
% Single-Unit Trucks	0.5%	1.0%	0%	0%	**0.6%**	-	0%	1.1%	0%	0%	**0.9%**	-	0%	0%	0%	0%	**0%**	-	6.7%	0.9%	5.5%	0%	**2.9%**	-	1.6%
Articulated Trucks	2	0	0	0	**2**	-	0	1	0	0	**1**	-	0	0	0	0	**0**	-	0	3	7	0	**10**	-	13
% Articulated Trucks	1.1%	0%	0%	0%	**0.6%**	-	0%	0.3%	0%	0%	**0.2%**	-	0%	0%	0%	0%	**0%**	-	0%	0.9%	2.9%	0%	**1.7%**	-	0.9%
Buses	0	1	1	0	**2**	-	1	4	0	0	**5**	-	2	1	0	0	**3**	-	1	4	3	0	**8**	-	18
% Buses	0%	1.0%	3.3%	0%	**0.6%**	-	4.5%	1.1%	0%	0%	**1.1%**	-	6.3%	1.2%	0%	0%	**2.4%**	-	6.7%	1.2%	1.3%	0%	**1.4%**	-	1.2%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & 1st St. - TMC
Thu Apr 10, 2025
AM Peak (7:15 AM - 8:15 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & 1st St. - TMC

Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

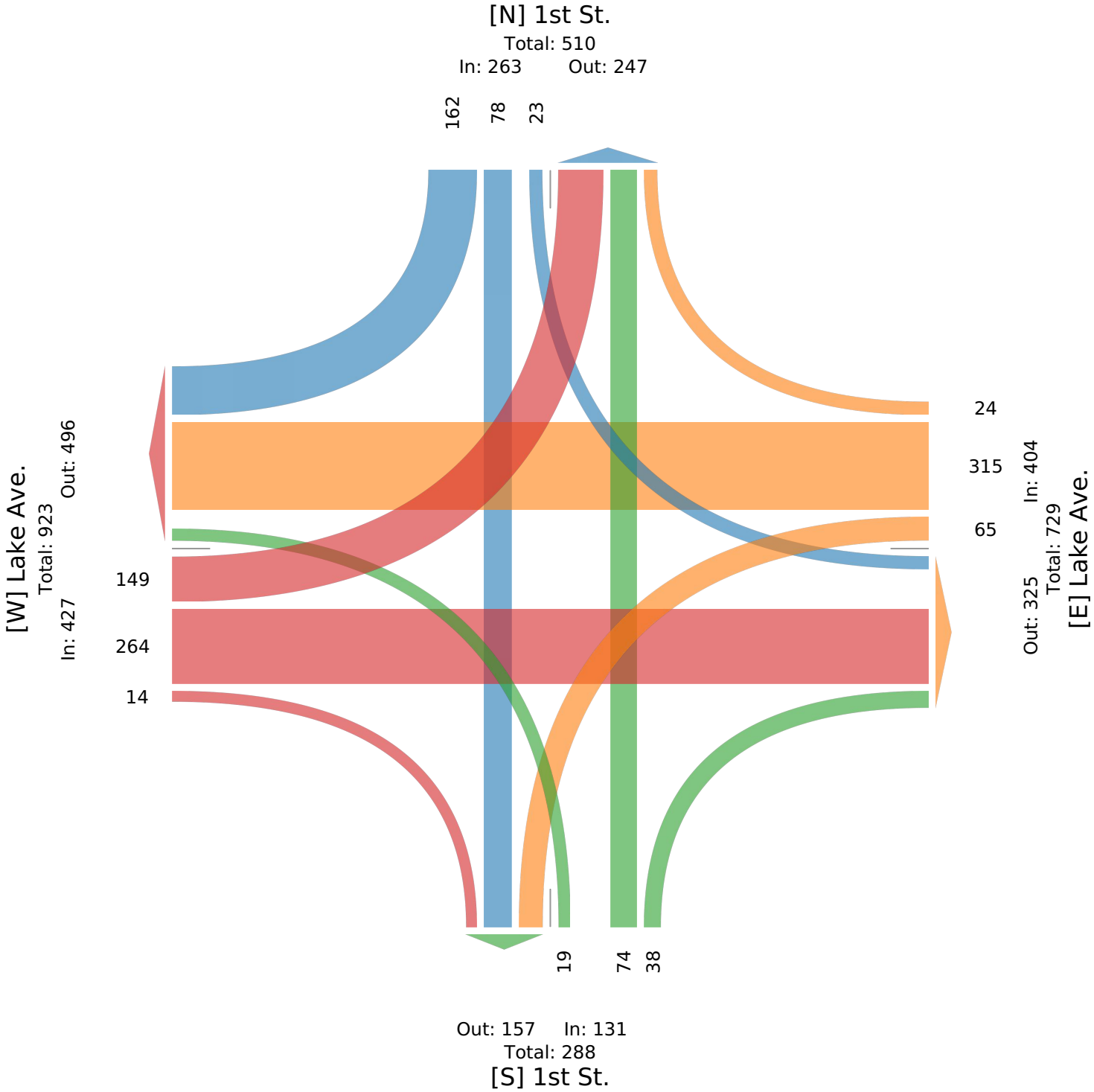
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg / Direction	1st St. Southbound						Lake Ave. Westbound						1st St. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 1:00PM	38	20	4	0	**62**	0	2	76	12	0	**90**	0	10	14	5	0	**29**	0	5	68	40	0	**113**	0	**294**
1:15PM	37	18	8	0	**63**	0	6	85	14	0	**105**	0	11	17	5	0	**33**	0	2	60	37	0	**99**	0	**300**
1:30PM	42	21	6	0	**69**	0	5	74	19	0	**98**	0	6	20	2	0	**28**	0	6	66	36	0	**108**	0	**303**
1:45PM	45	19	5	0	**69**	0	11	80	20	0	**111**	0	11	23	7	0	**41**	0	1	70	36	0	**107**	0	**328**
Total	162	78	23	0	**263**	0	24	315	65	0	**404**	0	38	74	19	0	**131**	0	14	264	149	0	**427**	0	**1225**
% Approach	61.6%	29.7%	8.7%	0%	**-**	-	5.9%	78.0%	16.1%	0%	**-**	-	29.0%	56.5%	14.5%	0%	**-**	-	3.3%	61.8%	34.9%	0%	**-**	-	-
% Total	13.2%	6.4%	1.9%	0%	**21.5%**	-	2.0%	25.7%	5.3%	0%	**33.0%**	-	3.1%	6.0%	1.6%	0%	**10.7%**	-	1.1%	21.6%	12.2%	0%	**34.9%**	-	-
PHF	0.900	0.929	0.719	-	**0.953**	-	0.545	0.926	0.813	-	**0.910**	-	0.864	0.804	0.679	-	**0.799**	-	0.583	0.943	0.931	-	**0.945**	-	0.934
Lights	155	73	23	0	**251**	-	23	309	63	0	**395**	-	37	72	17	0	**126**	-	14	259	140	0	**413**	-	1185
% Lights	95.7%	93.6%	100%	0%	**95.4%**	-	95.8%	98.1%	96.9%	0%	**97.8%**	-	97.4%	97.3%	89.5%	0%	**96.2%**	-	100%	98.1%	94.0%	0%	**96.7%**	-	96.7%
Single-Unit Trucks	7	3	0	0	**10**	-	1	5	2	0	**8**	-	0	2	1	0	**3**	-	0	4	7	0	**11**	-	32
% Single-Unit Trucks	4.3%	3.8%	0%	0%	**3.8%**	-	4.2%	1.6%	3.1%	0%	**2.0%**	-	0%	2.7%	5.3%	0%	**2.3%**	-	0%	1.5%	4.7%	0%	**2.6%**	-	2.6%
Articulated Trucks	0	2	0	0	**2**	-	0	0	0	0	**0**	-	0	0	1	0	**1**	-	0	0	2	0	**2**	-	5
% Articulated Trucks	0%	2.6%	0%	0%	**0.8%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	5.3%	0%	**0.8%**	-	0%	0%	1.3%	0%	**0.5%**	-	0.4%
Buses	0	0	0	0	**0**	-	0	1	0	0	**1**	-	1	0	0	0	**1**	-	0	1	0	0	**1**	-	3
% Buses	0%	0%	0%	0%	**0%**	-	0%	0.3%	0%	0%	**0.2%**	-	2.6%	0%	0%	0%	**0.8%**	-	0%	0.4%	0%	0%	**0.2%**	-	0.2%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & 1st St. - TMC
Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & 1st St. - TMC

Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

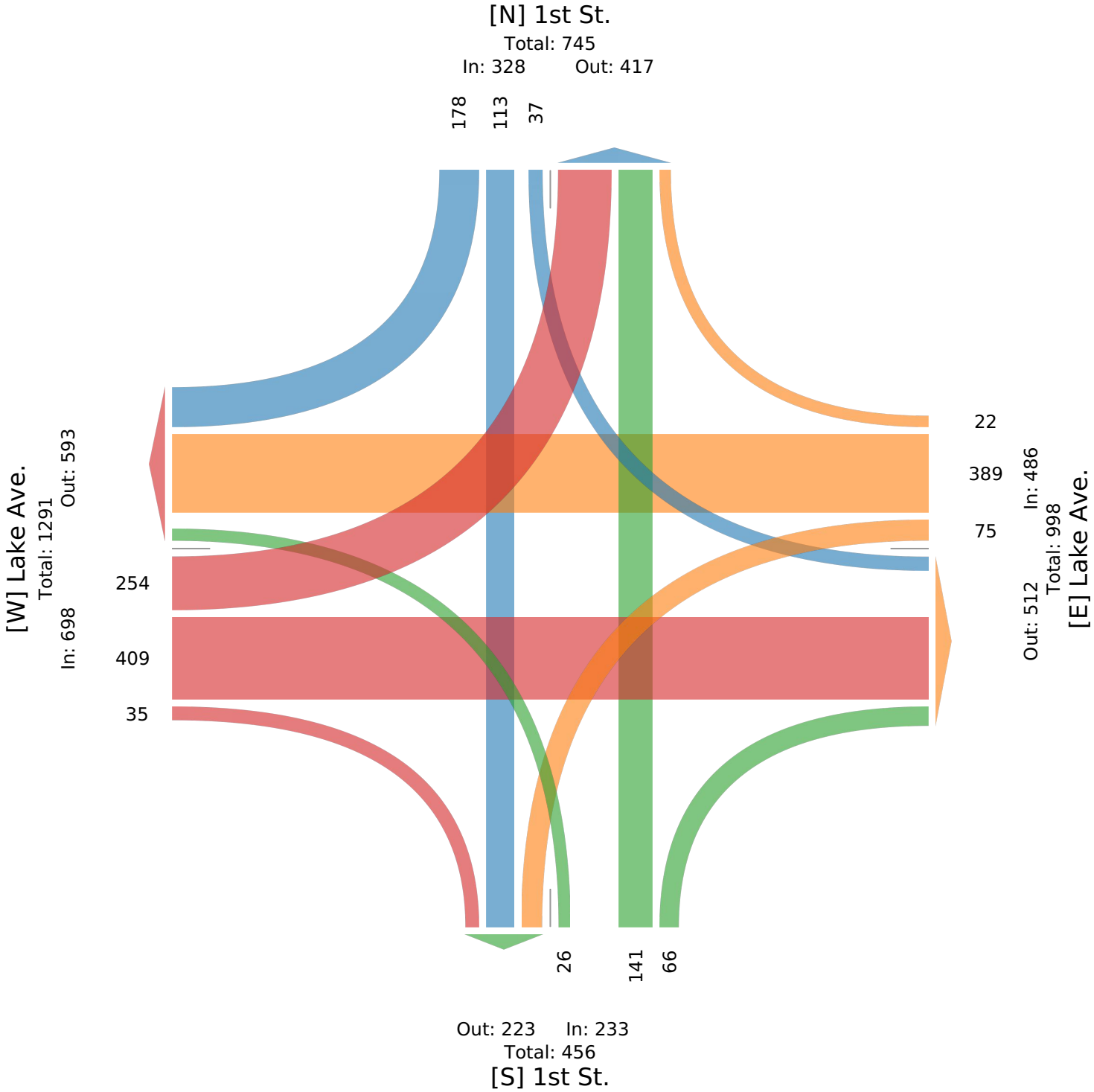
Leg Direction	1st St. Southbound						Lake Ave. Westbound						1st St. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 3:30PM	43	28	12	0	**83**	0	3	104	21	0	**128**	0	23	29	7	0	**59**	0	10	105	66	0	**181**	0	**451**
3:45PM	42	41	8	0	**91**	0	8	78	19	0	**105**	0	15	34	7	0	**56**	0	13	111	56	0	**180**	0	**432**
4:00PM	44	19	10	0	**73**	0	7	104	18	0	**129**	0	10	43	7	0	**60**	0	5	97	66	0	**168**	0	**430**
4:15PM	49	25	7	0	**81**	0	4	103	17	0	**124**	0	18	35	5	0	**58**	0	7	96	66	0	**169**	0	**432**
Total	178	113	37	0	**328**	0	22	389	75	0	**486**	0	66	141	26	0	**233**	0	35	409	254	0	**698**	0	**1745**
% Approach	54.3%	34.5%	11.3%	0%	**-**	-	4.5%	80.0%	15.4%	0%	**-**	-	28.3%	60.5%	11.2%	0%	**-**	-	5.0%	58.6%	36.4%	0%	**-**	-	-
% Total	10.2%	6.5%	2.1%	0%	**18.8%**	-	1.3%	22.3%	4.3%	0%	**27.9%**	-	3.8%	8.1%	1.5%	0%	**13.4%**	-	2.0%	23.4%	14.6%	0%	**40.0%**	-	-
PHF	0.908	0.683	0.771	-	**0.898**	-	0.688	0.935	0.893	-	**0.942**	-	0.717	0.820	0.929	-	**0.971**	-	0.673	0.921	0.962	-	**0.964**	-	0.967
Lights	169	111	37	0	**317**	-	22	381	72	0	**475**	-	65	141	26	0	**232**	-	35	404	252	0	**691**	-	1715
% Lights	94.9%	98.2%	100%	0%	**96.6%**	-	100%	97.9%	96.0%	0%	**97.7%**	-	98.5%	100%	100%	0%	**99.6%**	-	100%	98.8%	99.2%	0%	**99.0%**	-	98.3%
Single-Unit Trucks	7	0	0	0	**7**	-	0	6	1	0	**7**	-	0	0	0	0	**0**	-	0	3	0	0	**3**	-	17
% Single-Unit Trucks	3.9%	0%	0%	0%	**2.1%**	-	0%	1.5%	1.3%	0%	**1.4%**	-	0%	0%	0%	0%	**0%**	-	0%	0.7%	0%	0%	**0.4%**	-	1.0%
Articulated Trucks	2	0	0	0	**2**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	2	0	**2**	-	4
% Articulated Trucks	1.1%	0%	0%	0%	**0.6%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0.8%	0%	**0.3%**	-	0.2%
Buses	0	1	0	0	**1**	-	0	2	2	0	**4**	-	1	0	0	0	**1**	-	0	2	0	0	**2**	-	8
% Buses	0%	0.9%	0%	0%	**0.3%**	-	0%	0.5%	2.7%	0%	**0.8%**	-	1.5%	0%	0%	0%	**0.4%**	-	0%	0.5%	0%	0%	**0.3%**	-	0.5%
Bicycles on Road	0	1	0	0	**1**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	1
% Bicycles on Road	0%	0.9%	0%	0%	**0.3%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0.1%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & 1st St. - TMC

Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286442, Location: 40.812145, -81.526388

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & Amherst Rd. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

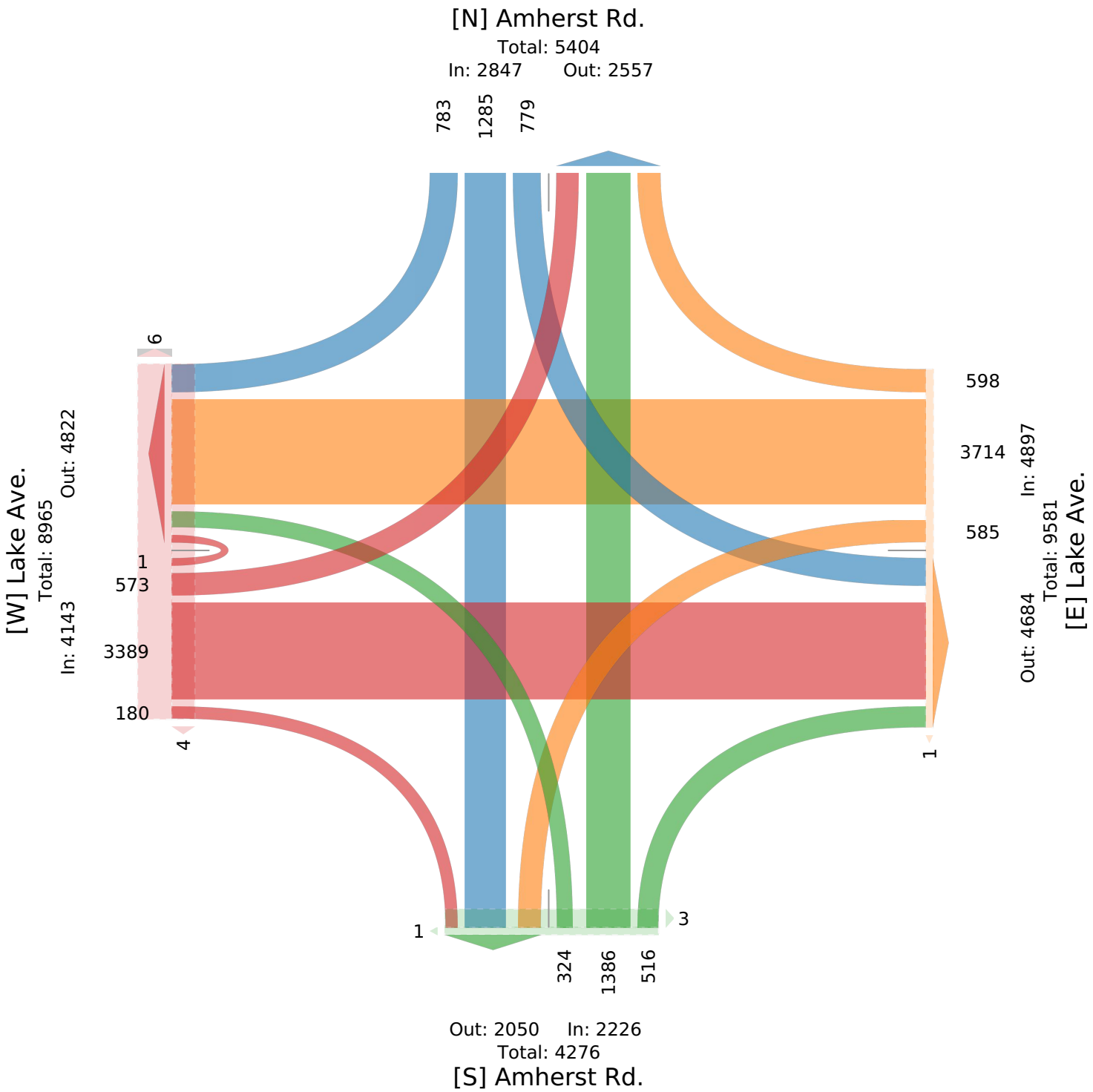
Leg	Amherst Rd.						Lake Ave.						Amherst Rd.						Lake Ave.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	Int
2025-04-10 7:00AM	18	13	9	0	**40**	0	5	85	3	0	**93**	0	11	19	4	0	**34**	0	2	57	9	0	**68**	0	**235**
7:15AM	23	12	12	0	**47**	0	0	82	10	0	**92**	0	11	23	8	0	**42**	0	0	66	11	0	**77**	0	**258**
7:30AM	17	29	8	0	**54**	0	6	61	16	0	**83**	0	13	20	10	0	**43**	0	1	88	9	0	**98**	0	**278**
7:45AM	20	27	10	0	**57**	0	4	77	10	0	**91**	0	7	19	10	0	**36**	0	3	84	17	0	**104**	0	**288**
Hourly Total	78	81	39	0	**198**	0	15	305	39	0	**359**	0	42	81	32	0	**155**	0	6	295	46	0	**347**	0	**1059**
8:00AM	17	23	8	0	**48**	0	8	62	5	0	**75**	0	14	21	3	0	**38**	0	3	78	10	0	**91**	0	**252**
8:15AM	14	19	8	0	**41**	0	3	70	18	0	**91**	0	10	21	5	0	**36**	0	3	79	12	0	**94**	0	**262**
8:30AM	11	23	12	0	**46**	0	15	74	10	0	**99**	0	13	13	6	0	**32**	0	3	65	11	0	**79**	0	**256**
8:45AM	13	22	16	0	**51**	0	15	49	8	0	**72**	0	10	14	8	0	**32**	0	5	81	11	0	**97**	1	**252**
Hourly Total	55	87	44	0	**186**	0	41	255	41	0	**337**	0	47	69	22	0	**138**	0	14	303	44	0	**361**	1	**1022**
9:00AM	12	17	10	0	**39**	0	6	63	15	0	**84**	0	14	19	6	0	**39**	1	1	64	10	0	**75**	0	**237**
9:15AM	15	21	12	0	**48**	0	9	57	12	0	**78**	0	11	35	6	0	**52**	0	2	59	13	0	**74**	0	**252**
9:30AM	11	18	15	0	**44**	0	16	54	7	0	**77**	0	16	17	1	0	**34**	0	2	72	9	0	**83**	0	**238**
9:45AM	14	22	10	0	**46**	0	7	64	9	0	**80**	0	11	20	3	0	**34**	0	1	62	6	0	**69**	0	**229**
Hourly Total	52	78	47	0	**177**	0	38	238	43	0	**319**	0	52	91	16	0	**159**	1	6	257	38	0	**301**	0	**956**
10:00AM	15	19	12	0	**46**	0	10	59	11	0	**80**	0	15	30	3	0	**48**	0	2	62	3	0	**67**	0	**241**
10:15AM	9	20	25	0	**54**	0	10	65	6	0	**81**	0	7	31	7	0	**45**	0	3	69	8	1	**81**	0	**261**
10:30AM	12	28	9	0	**49**	0	8	67	7	0	**82**	0	8	14	5	0	**27**	0	2	55	11	0	**68**	0	**226**
10:45AM	13	18	7	0	**38**	0	15	68	12	0	**95**	0	9	15	7	0	**31**	1	2	56	10	0	**68**	1	**232**
Hourly Total	49	85	53	0	**187**	0	43	259	36	0	**338**	0	39	90	22	0	**151**	1	9	242	32	1	**284**	1	**960**
11:00AM	16	28	14	0	**58**	0	19	84	11	0	**114**	0	7	31	3	0	**41**	0	3	61	14	0	**78**	0	**291**
11:15AM	12	19	9	0	**40**	0	11	78	9	0	**98**	0	5	23	6	0	**34**	0	2	61	9	0	**72**	0	**244**
11:30AM	12	18	15	0	**45**	0	7	67	8	0	**82**	0	8	20	5	0	**33**	0	3	50	9	0	**62**	0	**222**
11:45AM	16	23	13	0	**52**	0	14	68	16	0	**98**	0	16	32	9	0	**57**	0	3	62	10	0	**75**	0	**282**
Hourly Total	56	88	51	0	**195**	0	51	297	44	0	**392**	0	36	106	23	0	**165**	0	11	234	42	0	**287**	0	**1039**
12:00PM	19	16	6	0	**41**	0	14	78	18	0	**110**	0	11	25	8	0	**44**	0	5	59	8	0	**72**	0	**267**
12:15PM	16	24	18	0	**58**	0	21	72	12	0	**105**	0	10	28	4	0	**42**	0	4	52	12	0	**68**	0	**273**
12:30PM	18	14	18	0	**50**	0	17	61	13	0	**91**	0	10	19	9	0	**38**	0	7	68	13	0	**88**	0	**267**
12:45PM	18	44	17	0	**79**	0	15	67	8	0	**90**	0	8	38	7	0	**53**	0	3	71	4	0	**78**	1	**300**
Hourly Total	71	98	59	0	**228**	0	67	278	51	0	**396**	0	39	110	28	0	**177**	0	19	250	37	0	**306**	1	**1107**
1:00PM	13	31	14	0	**58**	0	14	71	8	0	**93**	0	8	24	5	0	**37**	0	2	62	9	0	**73**	1	**261**
1:15PM	13	23	10	0	**46**	0	11	73	15	0	**99**	0	10	24	6	0	**40**	0	3	55	13	0	**71**	1	**256**
1:30PM	18	26	23	0	**67**	0	8	67	16	0	**91**	0	9	24	5	0	**38**	0	2	67	7	0	**76**	0	**272**
1:45PM	13	19	19	0	**51**	0	15	78	14	0	**107**	0	12	27	6	0	**45**	0	2	72	9	0	**83**	0	**286**
Hourly Total	57	99	66	0	**222**	0	48	289	53	0	**390**	0	39	99	22	0	**160**	0	9	256	38	0	**303**	2	**1075**
2:00PM	13	31	15	0	**59**	0	15	77	8	0	**100**	0	15	31	7	0	**53**	0	6	74	12	0	**92**	0	**304**
2:15PM	16	20	16	0	**52**	0	11	109	16	0	**136**	1	12	32	6	0	**50**	0	4	60	14	0	**78**	0	**316**
2:30PM	18	27	20	0	**65**	0	25	86	9	0	**120**	0	10	35	13	0	**58**	0	10	80	16	0	**106**	0	**349**
2:45PM	17	27	12	0	**56**	0	15	101	18	0	**134**	0	7	36	7	0	**50**	1	5	94	13	0	**112**	0	**352**
Hourly Total	64	105	63	0	**232**	0	66	373	51	0	**490**	1	44	134	33	0	**211**	1	25	308	55	0	**388**	0	**1321**
3:00PM	19	28	22	0	**69**	0	17	91	20	0	**128**	0	15	28	6	0	**49**	0	2	77	19	0	**98**	0	**344**
3:15PM	23	42	22	0	**87**	0	16	99	12	0	**127**	0	9	43	5	0	**57**	0	7	73	18	0	**98**	0	**369**
3:30PM	16	39	29	0	**84**	0	17	101	15	0	**133**	0	13	37	9	0	**59**	0	5	94	19	0	**118**	1	**394**
3:45PM	17	33	16	0	**66**	0	16	72	17	0	**105**	0	22	49	9	0	**80**	0	3	102	21	0	**126**	2	**377**
Hourly Total	75	142	89	0	**306**	0	66	363	64	0	**493**	0	59	157	29	0	**245**	0	17	346	77	0	**440**	3	**1484**
4:00PM	28	27	17	0	**72**	0	15	86	14	0	**115**	0	17	41	12	0	**70**	0	5	86	20	0	**111**	0	**368**
4:15PM	21	33	28	0	**82**	0	17	112	17	0	**146**	0	11	37	10	0	**58**	0	8	81	17	0	**106**	0	**392**
4:30PM	24	48	21	0	**93**	0	8	97	12	0	**117**	0	15	38	6	0	**59**	0	3	104	17	0	**124**	0	**393**
4:45PM	19	36	32	0	**87**	0	16	110	24	0	**150**	0	9	45	7	0	**61**	0	3	89	17	0	**109**	0	**407**
Hourly Total	92	144	98	0	**334**	0	56	405	67	0	**528**	0	52	161	35	0	**248**	0	19	360	71	0	**450**	0	**1560**
5:00PM	25	35	31	0	**91**	0	16	107	12	0	**135**	0	10	56	11	0	**77**	0	9	79	21	0	**109**	0	**412**
5:15PM	24	36	29	0	**89**	0	17	94	15	0	**126**	0	13	40	18	0	**71**	0	3	72	10	0	**85**	0	**371**
5:30PM	19	43	28	0	**90**	0	16	89	14	0	**119**	0	11	41	6	0	**58**	0	2	81	5	0	**88**	0	**355**
5:45PM	18	46	25	0	**89**	0	11	86	17	0	**114**	0	8	37	7	0	**52**	0	14	71	16	0	**101**	0	**356**

Leg Direction	Amherst Rd. Southbound						Lake Ave. Westbound						Amherst Rd. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
Hourly Total	86	160	113	0	**359**	0	60	376	58	0	**494**	0	42	174	42	0	**258**	0	28	303	52	0	**383**	0	**1494**
6:00PM	11	43	16	0	**70**	0	18	71	11	0	**100**	0	12	35	6	0	**53**	0	5	61	7	0	**73**	0	**296**
6:15PM	13	29	19	0	**61**	0	13	76	11	0	**100**	0	3	31	5	0	**39**	1	2	48	14	0	**64**	2	**264**
6:30PM	9	23	9	0	**41**	0	6	74	6	0	**86**	0	6	20	4	0	**30**	0	3	65	11	0	**79**	0	**236**
6:45PM	15	23	13	0	**51**	0	10	55	10	0	**75**	0	4	28	5	0	**37**	0	7	61	9	0	**77**	0	**240**
Hourly Total	48	118	57	0	**223**	0	47	276	38	0	**361**	0	25	114	20	0	**159**	1	17	235	41	0	**293**	2	**1036**
Total	783	1285	779	0	**2847**	0	598	3714	585	0	**4897**	1	516	1386	324	0	**2226**	4	180	3389	573	1	**4143**	10	**14113**
% Approach	27.5%	45.1%	27.4%	0%	**-**	-	12.2%	75.8%	11.9%	0%	**-**	-	23.2%	62.3%	14.6%	0%	**-**	-	4.3%	81.8%	13.8%	0%	**-**	-	-
% Total	5.5%	9.1%	5.5%	0%	**20.2%**	-	4.2%	26.3%	4.1%	0%	**34.7%**	-	3.7%	9.8%	2.3%	0%	**15.8%**	-	1.3%	24.0%	4.1%	0%	**29.4%**	-	-
Lights	760	1262	769	0	**2791**	-	592	3643	568	0	**4803**	-	500	1361	315	0	**2176**	-	172	3309	561	1	**4043**	-	13813
% Lights	97.1%	98.2%	98.7%	0%	**98.0%**	-	99.0%	98.1%	97.1%	0%	**98.1%**	-	96.9%	98.2%	97.2%	0%	**97.8%**	-	95.6%	97.6%	97.9%	100%	**97.6%**	-	97.9%
Single-Unit Trucks	8	15	7	0	**30**	-	3	54	5	0	**62**	-	8	18	5	0	**31**	-	4	52	5	0	**61**	-	184
% Single-Unit Trucks	1.0%	1.2%	0.9%	0%	**1.1%**	-	0.5%	1.5%	0.9%	0%	**1.3%**	-	1.6%	1.3%	1.5%	0%	**1.4%**	-	2.2%	1.5%	0.9%	0%	**1.5%**	-	1.3%
Articulated Trucks	0	2	0	0	**2**	-	1	6	0	0	**7**	-	1	0	1	0	**2**	-	0	13	0	0	**13**	-	24
% Articulated Trucks	0%	0.2%	0%	0%	**0.1%**	-	0.2%	0.2%	0%	0%	**0.1%**	-	0.2%	0%	0.3%	0%	**0.1%**	-	0%	0.4%	0%	0%	**0.3%**	-	0.2%
Buses	15	6	3	0	**24**	-	2	11	12	0	**25**	-	7	7	3	0	**17**	-	4	15	7	0	**26**	-	92
% Buses	1.9%	0.5%	0.4%	0%	**0.8%**	-	0.3%	0.3%	2.1%	0%	**0.5%**	-	1.4%	0.5%	0.9%	0%	**0.8%**	-	2.2%	0.4%	1.2%	0%	**0.6%**	-	0.7%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	10	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	- 100%		-	-	-	-	- 100%		-	-	-	-	- 100%		-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & Amherst Rd. - TMC
Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & Amherst Rd. - TMC

Thu Apr 10, 2025
AM Peak (7:30 AM - 8:30 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

LOUKAS engineering
TRAFFIC DATA & CONSULTING

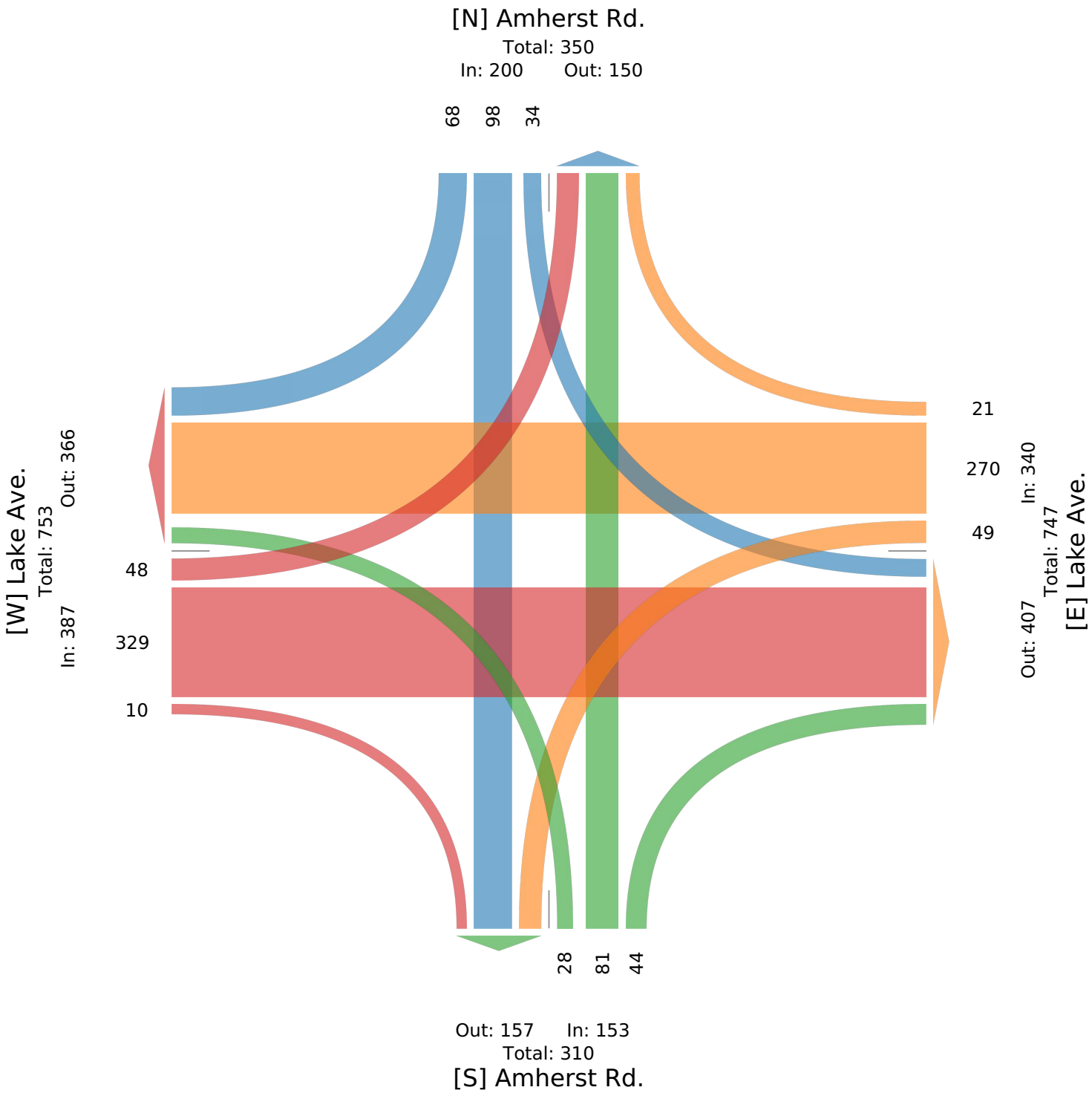
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg Direction	Amherst Rd. Southbound						Lake Ave. Westbound						Amherst Rd. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:30AM	17	29	8	0	**54**	0	6	61	16	0	**83**	0	13	20	10	0	**43**	0	1	88	9	0	**98**	0	**278**
7:45AM	20	27	10	0	**57**	0	4	77	10	0	**91**	0	7	19	10	0	**36**	0	3	84	17	0	**104**	0	**288**
8:00AM	17	23	8	0	**48**	0	8	62	5	0	**75**	0	14	21	3	0	**38**	0	3	78	10	0	**91**	0	**252**
8:15AM	14	19	8	0	**41**	0	3	70	18	0	**91**	0	10	21	5	0	**36**	0	3	79	12	0	**94**	0	**262**
Total	68	98	34	0	**200**	0	21	270	49	0	**340**	0	44	81	28	0	**153**	0	10	329	48	0	**387**	0	**1080**
% Approach	34.0%	49.0%	17.0%	0%	**-**	-	6.2%	79.4%	14.4%	0%	**-**	-	28.8%	52.9%	18.3%	0%	**-**	-	2.6%	85.0%	12.4%	0%	**-**	-	-
% Total	6.3%	9.1%	3.1%	0%	**18.5%**	-	1.9%	25.0%	4.5%	0%	**31.5%**	-	4.1%	7.5%	2.6%	0%	**14.2%**	-	0.9%	30.5%	4.4%	0%	**35.8%**	-	-
PHF	0.850	0.845	0.850	-	**0.877**	-	0.656	0.877	0.681	-	**0.934**	-	0.786	0.964	0.700	-	**0.890**	-	0.833	0.935	0.706	-	**0.930**	-	0.938
Lights	67	96	34	0	**197**	-	21	265	47	0	**333**	-	42	78	28	0	**148**	-	10	318	47	0	**375**	-	1053
% Lights	98.5%	98.0%	100%	0%	**98.5%**	-	100%	98.1%	95.9%	0%	**97.9%**	-	95.5%	96.3%	100%	0%	**96.7%**	-	100%	96.7%	97.9%	0%	**96.9%**	-	97.5%
Single-Unit Trucks	0	1	0	0	**1**	-	0	4	0	0	**4**	-	1	3	0	0	**4**	-	0	4	0	0	**4**	-	13
% Single-Unit Trucks	0%	1.0%	0%	0%	**0.5%**	-	0%	1.5%	0%	0%	**1.2%**	-	2.3%	3.7%	0%	0%	**2.6%**	-	0%	1.2%	0%	0%	**1.0%**	-	1.2%
Articulated Trucks	0	0	0	0	**0**	-	0	1	0	0	**1**	-	0	0	0	0	**0**	-	0	3	0	0	**3**	-	4
% Articulated Trucks	0%	0%	0%	0%	**0%**	-	0%	0.4%	0%	0%	**0.3%**	-	0%	0%	0%	0%	**0%**	-	0%	0.9%	0%	0%	**0.8%**	-	0.4%
Buses	1	1	0	0	**2**	-	0	0	2	0	**2**	-	1	0	0	0	**1**	-	0	4	1	0	**5**	-	10
% Buses	1.5%	1.0%	0%	0%	**1.0%**	-	0%	0%	4.1%	0%	**0.6%**	-	2.3%	0%	0%	0%	**0.7%**	-	0%	1.2%	2.1%	0%	**1.3%**	-	0.9%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & Amherst Rd. - TMC
Thu Apr 10, 2025
AM Peak (7:30 AM - 8:30 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & Amherst Rd. - TMC

Thu Apr 10, 2025
Midday Peak (12 PM - 1 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

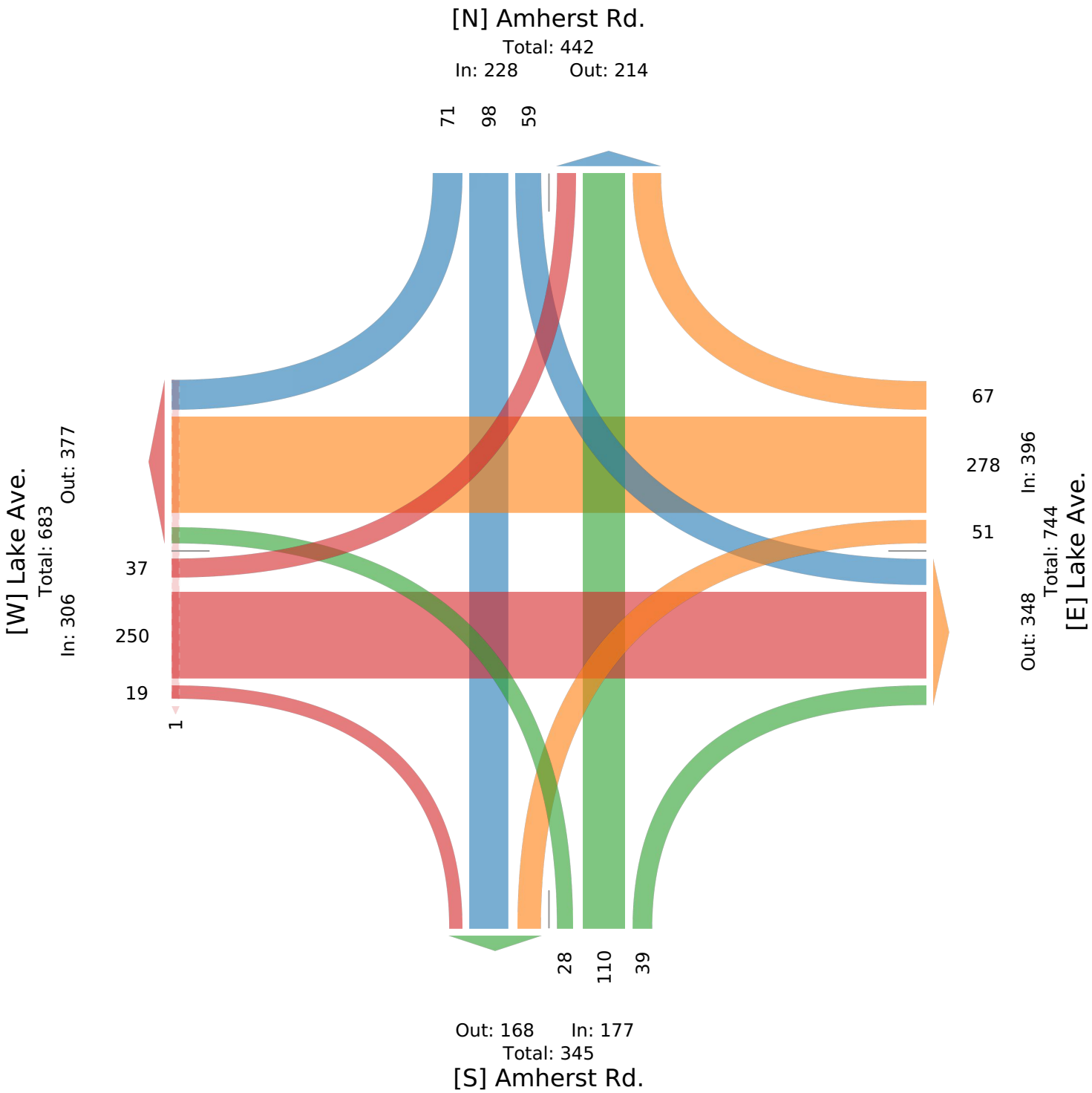
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg / Direction	Amherst Rd. Southbound						Lake Ave. Westbound						Amherst Rd. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 12:00PM	19	16	6	0	**41**	0	14	78	18	0	**110**	0	11	25	8	0	**44**	0	5	59	8	0	**72**	0	**267**
12:15PM	16	24	18	0	**58**	0	21	72	12	0	**105**	0	10	28	4	0	**42**	0	4	52	12	0	**68**	0	**273**
12:30PM	18	14	18	0	**50**	0	17	61	13	0	**91**	0	10	19	9	0	**38**	0	7	68	13	0	**88**	0	**267**
12:45PM	18	44	17	0	**79**	0	15	67	8	0	**90**	0	8	38	7	0	**53**	0	3	71	4	0	**78**	1	**300**
Total	71	98	59	0	**228**	0	67	278	51	0	**396**	0	39	110	28	0	**177**	0	19	250	37	0	**306**	1	**1107**
% Approach	31.1%	43.0%	25.9%	0%	**-**	-	16.9%	70.2%	12.9%	0%	**-**	-	22.0%	62.1%	15.8%	0%	**-**	-	6.2%	81.7%	12.1%	0%	**-**	-	-
% Total	6.4%	8.9%	5.3%	0%	**20.6%**	-	6.1%	25.1%	4.6%	0%	**35.8%**	-	3.5%	9.9%	2.5%	0%	**16.0%**	-	1.7%	22.6%	3.3%	0%	**27.6%**	-	-
PHF	0.934	0.557	0.819	-	**0.722**	-	0.798	0.891	0.708	-	**0.900**	-	0.886	0.724	0.778	-	**0.835**	-	0.679	0.880	0.712	-	**0.869**	-	0.923
Lights	70	95	58	0	**223**	-	67	276	50	0	**393**	-	38	107	27	0	**172**	-	18	239	36	0	**293**	-	1081
% Lights	98.6%	96.9%	98.3%	0%	**97.8%**	-	100%	99.3%	98.0%	0%	**99.2%**	-	97.4%	97.3%	96.4%	0%	**97.2%**	-	94.7%	95.6%	97.3%	0%	**95.8%**	-	97.7%
Single-Unit Trucks	0	0	1	0	**1**	-	0	2	0	0	**2**	-	0	3	1	0	**4**	-	0	6	0	0	**6**	-	13
% Single-Unit Trucks	0%	0%	1.7%	0%	**0.4%**	-	0%	0.7%	0%	0%	**0.5%**	-	0%	2.7%	3.6%	0%	**2.3%**	-	0%	2.4%	0%	0%	**2.0%**	-	1.2%
Articulated Trucks	0	2	0	0	**2**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	4	0	0	**4**	-	6
% Articulated Trucks	0%	2.0%	0%	0%	**0.9%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	1.6%	0%	0%	**1.3%**	-	0.5%
Buses	1	1	0	0	**2**	-	0	0	1	0	**1**	-	1	0	0	0	**1**	-	1	1	1	0	**3**	-	7
% Buses	1.4%	1.0%	0%	0%	**0.9%**	-	0%	0%	2.0%	0%	**0.3%**	-	2.6%	0%	0%	0%	**0.6%**	-	5.3%	0.4%	2.7%	0%	**1.0%**	-	0.6%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & Amherst Rd. - TMC
Thu Apr 10, 2025
Midday Peak (12 PM - 1 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



Lake Ave. & Amherst Rd. - TMC

Thu Apr 10, 2025
PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

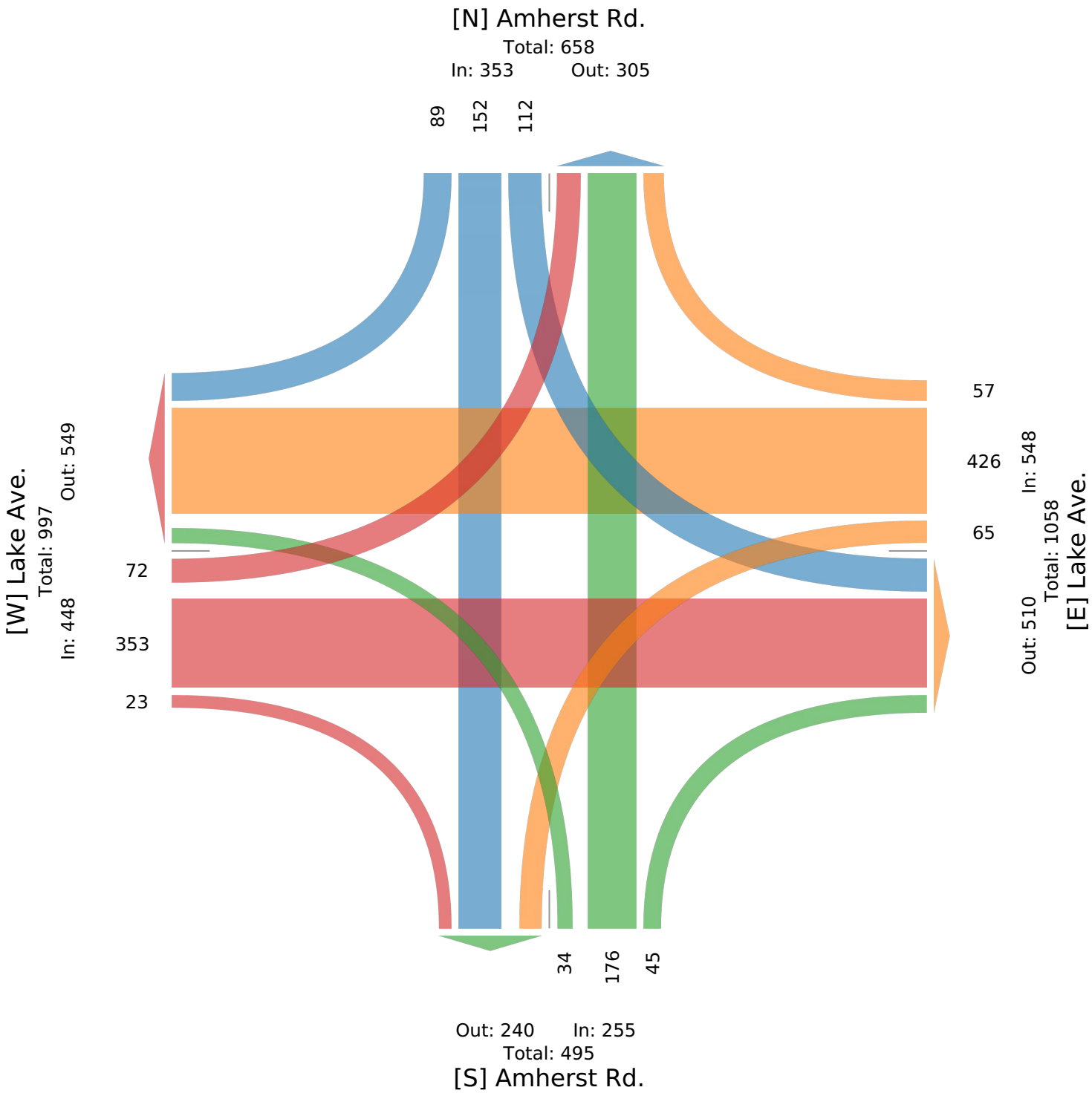
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg Direction	Amherst Rd. Southbound						Lake Ave. Westbound						Amherst Rd. Northbound						Lake Ave. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 4:15PM	21	33	28	0	**82**	0	17	112	17	0	**146**	0	11	37	10	0	**58**	0	8	81	17	0	**106**	0	**392**
4:30PM	24	48	21	0	**93**	0	8	97	12	0	**117**	0	15	38	6	0	**59**	0	3	104	17	0	**124**	0	**393**
4:45PM	19	36	32	0	**87**	0	16	110	24	0	**150**	0	9	45	7	0	**61**	0	3	89	17	0	**109**	0	**407**
5:00PM	25	35	31	0	**91**	0	16	107	12	0	**135**	0	10	56	11	0	**77**	0	9	79	21	0	**109**	0	**412**
Total	89	152	112	0	**353**	0	57	426	65	0	**548**	0	45	176	34	0	**255**	0	23	353	72	0	**448**	0	**1604**
% Approach	25.2%	43.1%	31.7%	0%	**-**	-	10.4%	77.7%	11.9%	0%	**-**	-	17.6%	69.0%	13.3%	0%	**-**	-	5.1%	78.8%	16.1%	0%	**-**	-	-
% Total	5.5%	9.5%	7.0%	0%	**22.0%**	-	3.6%	26.6%	4.1%	0%	**34.2%**	-	2.8%	11.0%	2.1%	0%	**15.9%**	-	1.4%	22.0%	4.5%	0%	**27.9%**	-	-
PHF	0.890	0.792	0.875	-	**0.949**	-	0.838	0.951	0.677	-	**0.913**	-	0.750	0.786	0.773	-	**0.828**	-	0.639	0.849	0.857	-	**0.903**	-	0.973
Lights	87	150	111	0	**348**	-	57	426	63	0	**546**	-	44	174	34	0	**252**	-	23	348	71	0	**442**	-	1588
% Lights	97.8%	98.7%	99.1%	0%	**98.6%**	-	100%	100%	96.9%	0%	**99.6%**	-	97.8%	98.9%	100%	0%	**98.8%**	-	100%	98.6%	98.6%	0%	**98.7%**	-	99.0%
Single-Unit Trucks	1	2	1	0	**4**	-	0	0	1	0	**1**	-	1	2	0	0	**3**	-	0	5	1	0	**6**	-	14
% Single-Unit Trucks	1.1%	1.3%	0.9%	0%	**1.1%**	-	0%	0%	1.5%	0%	**0.2%**	-	2.2%	1.1%	0%	0%	**1.2%**	-	0%	1.4%	1.4%	0%	**1.3%**	-	0.9%
Articulated Trucks	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Articulated Trucks	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Buses	1	0	0	0	**1**	-	0	0	1	0	**1**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	2
% Buses	1.1%	0%	0%	0%	**0.3%**	-	0%	0%	1.5%	0%	**0.2%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0.1%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Lake Ave. & Amherst Rd. - TMC
Thu Apr 10, 2025
PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286441, Location: 40.812796, -81.516791

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Cherry Rd. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

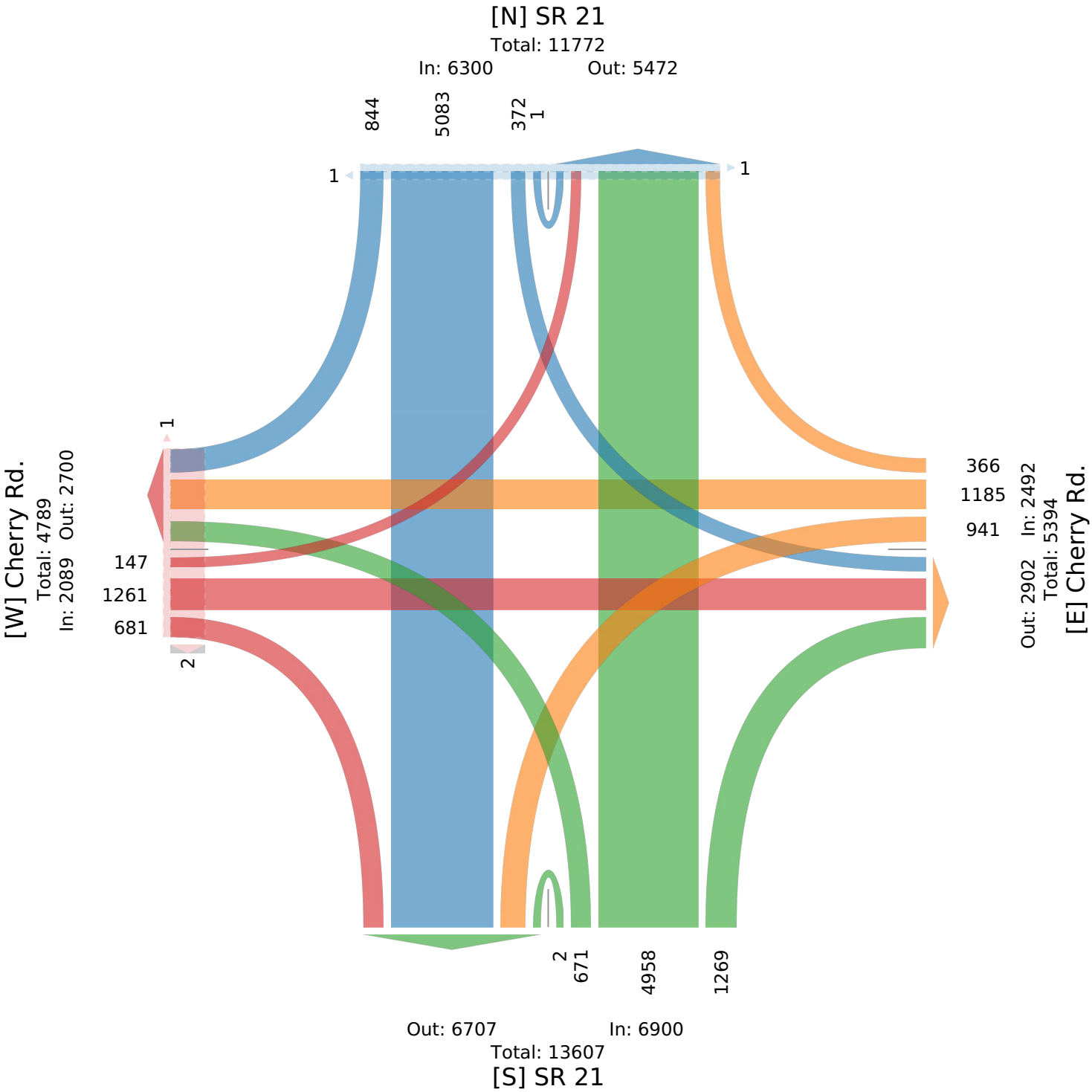
Leg	SR 21						Cherry Rd.						SR 21						Cherry Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	2	121	1	0	**124**	0	12	18	29	0	**59**	0	14	101	11	0	**126**	0	17	20	3	0	**40**	0	**349**
7:15AM	3	116	8	0	**127**	0	4	22	20	0	**46**	0	33	121	12	0	**166**	0	12	28	4	0	**44**	0	**383**
7:30AM	5	179	8	0	**192**	0	5	14	27	0	**46**	0	21	75	4	0	**100**	0	25	26	5	0	**56**	0	**394**
7:45AM	4	126	16	0	**146**	0	7	24	28	0	**59**	0	28	99	12	0	**139**	0	11	41	1	0	**53**	0	**397**
Hourly Total	14	542	33	0	**589**	0	28	78	104	0	**210**	0	96	396	39	0	**531**	0	65	115	13	0	**193**	0	**1523**
8:00AM	2	118	9	0	**129**	0	12	14	14	0	**40**	0	20	106	8	0	**134**	0	11	22	4	0	**37**	0	**340**
8:15AM	4	112	4	0	**120**	0	6	21	16	0	**43**	0	14	95	9	0	**118**	0	17	34	3	0	**54**	0	**335**
8:30AM	2	116	9	0	**127**	1	3	12	16	0	**31**	0	14	99	10	0	**123**	0	7	17	7	0	**31**	0	**312**
8:45AM	4	110	8	0	**122**	0	9	19	12	0	**40**	0	24	85	10	0	**119**	0	14	25	3	0	**42**	0	**323**
Hourly Total	12	456	30	0	**498**	1	30	66	58	0	**154**	0	72	385	37	0	**494**	0	49	98	17	0	**164**	0	**1310**
9:00AM	20	101	7	0	**128**	0	9	17	9	0	**35**	0	17	90	13	0	**120**	0	9	28	3	0	**40**	0	**323**
9:15AM	17	96	12	0	**125**	0	2	14	6	0	**22**	0	19	76	10	0	**105**	0	18	22	5	0	**45**	0	**297**
9:30AM	18	87	3	0	**108**	0	5	13	16	0	**34**	0	22	84	13	0	**119**	0	12	17	3	0	**32**	0	**293**
9:45AM	17	101	3	0	**121**	0	5	14	14	0	**33**	0	14	82	13	1	**110**	0	17	20	1	0	**38**	0	**302**
Hourly Total	72	385	25	0	**482**	0	21	58	45	0	**124**	0	72	332	49	1	**454**	0	56	87	12	0	**155**	0	**1215**
10:00AM	24	78	4	0	**106**	0	9	15	16	0	**40**	0	12	78	13	0	**103**	0	10	27	5	0	**42**	0	**291**
10:15AM	22	82	4	0	**108**	0	6	17	12	0	**35**	0	7	83	11	0	**101**	0	10	17	2	0	**29**	0	**273**
10:30AM	27	88	5	0	**120**	0	3	22	13	0	**38**	0	13	84	19	0	**116**	0	18	13	4	0	**35**	0	**309**
10:45AM	14	110	4	0	**128**	0	5	14	12	0	**31**	0	26	76	11	0	**113**	0	14	24	3	0	**41**	0	**313**
Hourly Total	87	358	17	0	**462**	0	23	68	53	0	**144**	0	58	321	54	0	**433**	0	52	81	14	0	**147**	0	**1186**
11:00AM	5	90	3	0	**98**	1	4	12	14	0	**30**	0	22	80	15	0	**117**	0	14	27	3	0	**44**	0	**289**
11:15AM	2	89	10	0	**101**	0	6	12	20	0	**38**	0	21	90	12	0	**123**	0	20	22	6	0	**48**	0	**310**
11:30AM	5	76	9	0	**90**	0	7	24	15	0	**46**	0	25	87	18	0	**130**	0	9	21	5	0	**35**	0	**301**
11:45AM	1	86	7	0	**94**	0	9	33	18	0	**60**	0	22	83	15	0	**120**	0	15	23	3	0	**41**	0	**315**
Hourly Total	13	341	29	0	**383**	1	26	81	67	0	**174**	0	90	340	60	0	**490**	0	58	93	17	0	**168**	0	**1215**
12:00PM	17	76	10	0	**103**	0	3	38	21	0	**62**	0	11	99	7	0	**117**	0	15	27	5	0	**47**	0	**329**
12:15PM	25	113	0	0	**138**	0	7	35	9	0	**51**	0	11	88	17	0	**116**	0	16	27	1	0	**44**	0	**349**
12:30PM	32	102	1	0	**135**	0	8	41	16	0	**65**	0	18	107	15	0	**140**	0	9	21	1	0	**31**	0	**371**
12:45PM	29	99	12	0	**140**	0	4	41	22	0	**67**	0	24	81	18	0	**123**	0	14	26	2	0	**42**	0	**372**
Hourly Total	103	390	23	0	**516**	0	22	155	68	0	**245**	0	64	375	57	0	**496**	0	54	101	9	0	**164**	0	**1421**
1:00PM	29	95	1	0	**125**	0	15	28	16	0	**59**	0	15	102	14	0	**131**	0	13	38	2	0	**53**	0	**368**
1:15PM	26	92	10	0	**128**	0	2	20	22	0	**44**	0	20	91	17	0	**128**	0	12	22	1	0	**35**	0	**335**
1:30PM	27	95	5	0	**127**	0	10	27	15	0	**52**	0	24	92	24	0	**140**	0	20	33	1	0	**54**	0	**373**
1:45PM	31	117	5	0	**153**	0	7	29	18	0	**54**	0	27	114	11	0	**152**	0	17	25	4	0	**46**	0	**405**
Hourly Total	113	399	21	0	**533**	0	34	104	71	0	**209**	0	86	399	66	0	**551**	0	62	118	8	0	**188**	0	**1481**
2:00PM	23	114	5	0	**142**	0	10	18	15	0	**43**	0	29	88	11	0	**128**	0	12	40	4	0	**56**	0	**369**
2:15PM	25	131	4	0	**160**	0	9	24	20	0	**53**	0	30	142	15	0	**187**	0	15	18	1	0	**34**	0	**434**
2:30PM	28	105	5	0	**138**	0	11	25	30	0	**66**	0	29	121	23	0	**173**	0	17	21	4	0	**42**	0	**419**
2:45PM	29	112	9	0	**150**	0	15	23	33	0	**71**	0	33	114	20	0	**167**	0	18	24	5	0	**47**	0	**435**
Hourly Total	105	462	23	0	**590**	0	45	90	98	0	**233**	0	121	465	69	0	**655**	0	62	103	14	0	**179**	0	**1657**
3:00PM	1	117	5	0	**123**	0	5	33	26	0	**64**	0	51	143	16	0	**210**	0	20	29	4	0	**53**	0	**450**
3:15PM	6	101	3	0	**110**	0	14	22	22	0	**58**	0	44	107	13	0	**164**	0	21	39	3	0	**63**	0	**395**
3:30PM	13	98	20	0	**131**	0	4	29	23	0	**56**	0	45	152	18	0	**215**	0	16	36	3	0	**55**	0	**457**
3:45PM	2	99	8	0	**109**	0	8	42	25	0	**75**	0	48	135	10	0	**193**	0	16	43	3	0	**62**	0	**439**
Hourly Total	22	415	36	0	**473**	0	31	126	96	0	**253**	0	188	537	57	0	**782**	0	73	147	13	0	**233**	0	**1741**
4:00PM	38	137	10	0	**185**	0	10	37	27	0	**74**	0	44	167	13	0	**224**	0	16	32	2	0	**50**	0	**533**
4:15PM	26	127	10	0	**163**	0	6	28	14	0	**48**	0	44	150	27	0	**221**	0	16	39	2	0	**57**	0	**489**
4:30PM	42	116	14	0	**172**	0	10	33	29	0	**72**	0	46	148	13	1	**208**	0	13	27	4	0	**44**	1	**496**
4:45PM	32	122	15	0	**169**	0	12	27	25	0	**64**	0	46	138	18	0	**202**	0	11	35	1	0	**47**	0	**482**
Hourly Total	138	502	49	0	**689**	0	38	125	95	0	**258**	0	180	603	71	1	**855**	0	56	133	9	0	**198**	1	**2000**
5:00PM	35	123	7	0	**165**	0	9	31	31	0	**71**	0	47	161	18	0	**226**	0	11	32	11	0	**54**	0	**516**
5:15PM	51	142	15	0	**208**	0	15	42	35	0	**92**	0	47	144	14	0	**205**	0	13	23	1	0	**37**	0	**542**
5:30PM	33	118	9	0	**160**	0	7	28	23	0	**58**	0	30	127	16	0	**173**	0	7	24	3	0	**34**	0	**425**
5:45PM	40	113	15	1	**169**	0	9	33	17	0	**59**	0	31	98	11	0	**140**	0	9	34	2	0	**45**	0	**413**

Leg	SR 21						Cherry Rd.						SR 21						Cherry Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
Hourly Total	159	496	46	1	**702**	0	40	134	106	0	**280**	0	155	530	59	0	**744**	0	40	113	17	0	**170**	0	**1896**
6:00PM	2	101	9	0	**112**	0	12	33	21	0	**66**	0	19	80	13	0	**112**	0	10	15	1	0	**26**	1	**316**
6:15PM	3	103	14	0	**120**	0	5	30	27	0	**62**	0	23	50	18	0	**91**	0	11	20	3	0	**34**	1	**307**
6:30PM	1	68	7	0	**76**	0	7	19	17	0	**43**	0	25	81	9	0	**115**	0	12	16	0	0	**28**	0	**262**
6:45PM	0	65	10	0	**75**	0	4	18	15	0	**37**	0	20	64	13	0	**97**	0	21	21	0	0	**42**	0	**251**
Hourly Total	6	337	40	0	**383**	0	28	100	80	0	**208**	0	87	275	53	0	**415**	0	54	72	4	0	**130**	2	**1136**
Total	844	5083	372	1	**6300**	2	366	1185	941	0	**2492**	0	1269	4958	671	2	**6900**	0	681	1261	147	0	**2089**	3	**17781**
% Approach	13.4%	80.7%	5.9%	0%	**-**	-	14.7%	47.6%	37.8%	0%	**-**	-	18.4%	71.9%	9.7%	0%	**-**	-	32.6%	60.4%	7.0%	0%	**-**	-	-
% Total	4.7%	28.6%	2.1%	0%	**35.4%**	-	2.1%	6.7%	5.3%	0%	**14.0%**	-	7.1%	27.9%	3.8%	0%	**38.8%**	-	3.8%	7.1%	0.8%	0%	**11.7%**	-	**-**
Lights	804	4635	360	1	**5800**	-	349	1138	925	0	**2412**	-	1246	4493	576	2	**6317**	-	572	1233	125	0	**1930**	-	16459
% Lights	95.3%	91.2%	96.8%	100%	**92.1%**	-	95.4%	96.0%	98.3%	0%	**96.8%**	-	98.2%	90.6%	85.8%	100%	**91.6%**	-	84.0%	97.8%	85.0%	0%	**92.4%**	-	92.6%
Single-Unit Trucks	23	157	7	0	**187**	-	12	24	10	0	**46**	-	13	231	26	0	**270**	-	35	11	10	0	**56**	-	559
% Single-Unit Trucks	2.7%	3.1%	1.9%	0%	**3.0%**	-	3.3%	2.0%	1.1%	0%	**1.8%**	-	1.0%	4.7%	3.9%	0%	**3.9%**	-	5.1%	0.9%	6.8%	0%	**2.7%**	-	3.1%
Articulated Trucks	9	278	5	0	**292**	-	5	1	0	0	**6**	-	3	215	68	0	**286**	-	73	3	11	0	**87**	-	671
% Articulated Trucks	1.1%	5.5%	1.3%	0%	**4.6%**	-	1.4%	0.1%	0%	0%	**0.2%**	-	0.2%	4.3%	10.1%	0%	**4.1%**	-	10.7%	0.2%	7.5%	0%	**4.2%**	-	3.8%
Buses	8	13	0	0	**21**	-	0	21	6	0	**27**	-	7	19	1	0	**27**	-	1	14	1	0	**16**	-	91
% Buses	0.9%	0.3%	0%	0%	**0.3%**	-	0%	1.8%	0.6%	0%	**1.1%**	-	0.6%	0.4%	0.1%	0%	**0.4%**	-	0.1%	1.1%	0.7%	0%	**0.8%**	-	0.5%
Bicycles on Road	0	0	0	0	**0**	-	0	1	0	0	**1**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	1
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0.1%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	3	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Cherry Rd. - TMC
Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Cherry Rd. - TMC

Thu Apr 10, 2025
AM Peak (7 AM - 8 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

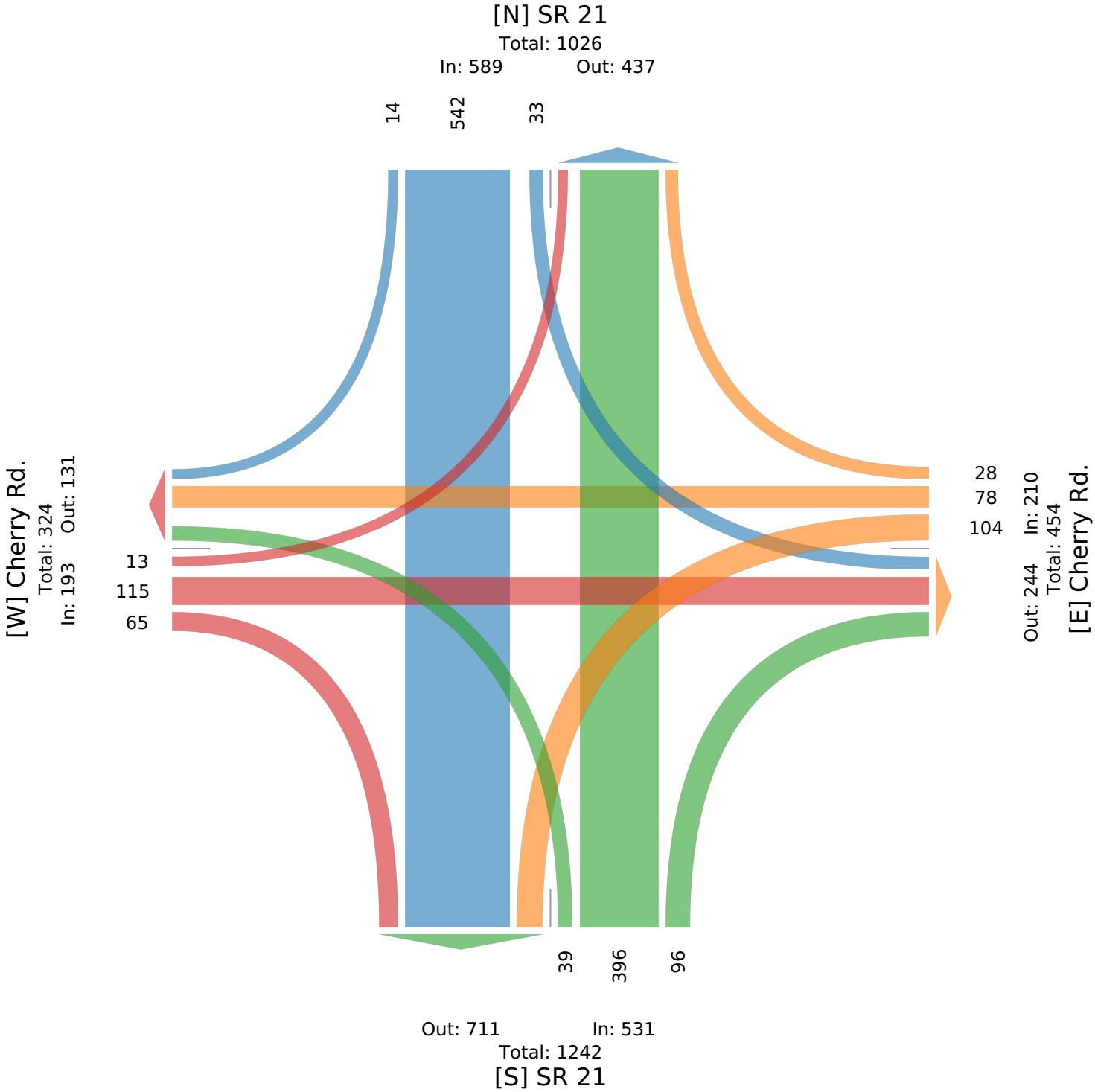
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21						Cherry Rd.						SR 21						Cherry Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	2	121	1	0	**124**	0	12	18	29	0	**59**	0	14	101	11	0	**126**	0	17	20	3	0	**40**	0	**349**
7:15AM	3	116	8	0	**127**	0	4	22	20	0	**46**	0	33	121	12	0	**166**	0	12	28	4	0	**44**	0	**383**
7:30AM	5	179	8	0	**192**	0	5	14	27	0	**46**	0	21	75	4	0	**100**	0	25	26	5	0	**56**	0	**394**
7:45AM	4	126	16	0	**146**	0	7	24	28	0	**59**	0	28	99	12	0	**139**	0	11	41	1	0	**53**	0	**397**
Total	14	542	33	0	**589**	0	28	78	104	0	**210**	0	96	396	39	0	**531**	0	65	115	13	0	**193**	0	**1523**
% Approach	2.4%	92.0%	5.6%	0%	**-**	-	13.3%	37.1%	49.5%	0%	**-**	-	18.1%	74.6%	7.3%	0%	**-**	-	33.7%	59.6%	6.7%	0%	**-**	-	-
% Total	0.9%	35.6%	2.2%	0%	**38.7%**	-	1.8%	5.1%	6.8%	0%	**13.8%**	-	6.3%	26.0%	2.6%	0%	**34.9%**	-	4.3%	7.6%	0.9%	0%	**12.7%**	-	-
PHF	0.700	0.757	0.516	-	**0.767**	-	0.583	0.813	0.897	-	**0.890**	-	0.727	0.818	0.813	-	**0.800**	-	0.650	0.701	0.650	-	**0.862**	-	0.959
Lights	13	503	33	0	**549**	-	27	69	102	0	**198**	-	92	347	36	0	**475**	-	54	108	10	0	**172**	-	1394
% Lights	92.9%	92.8%	100%	0%	**93.2%**	-	96.4%	88.5%	98.1%	0%	**94.3%**	-	95.8%	87.6%	92.3%	0%	**89.5%**	-	83.1%	93.9%	76.9%	0%	**89.1%**	-	91.5%
Single-Unit Trucks	1	4	0	0	**5**	-	1	1	2	0	**4**	-	3	27	2	0	**32**	-	4	4	1	0	**9**	-	50
% Single-Unit Trucks	7.1%	0.7%	0%	0%	**0.8%**	-	3.6%	1.3%	1.9%	0%	**1.9%**	-	3.1%	6.8%	5.1%	0%	**6.0%**	-	6.2%	3.5%	7.7%	0%	**4.7%**	-	3.3%
Articulated Trucks	0	34	0	0	**34**	-	0	0	0	0	**0**	-	0	19	1	0	**20**	-	7	0	2	0	**9**	-	63
% Articulated Trucks	0%	6.3%	0%	0%	**5.8%**	-	0%	0%	0%	0%	**0%**	-	0%	4.8%	2.6%	0%	**3.8%**	-	10.8%	0%	15.4%	0%	**4.7%**	-	4.1%
Buses	0	1	0	0	**1**	-	0	8	0	0	**8**	-	1	3	0	0	**4**	-	0	3	0	0	**3**	-	16
% Buses	0%	0.2%	0%	0%	**0.2%**	-	0%	10.3%	0%	0%	**3.8%**	-	1.0%	0.8%	0%	0%	**0.8%**	-	0%	2.6%	0%	0%	**1.6%**	-	1.1%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Cherry Rd. - TMC
Thu Apr 10, 2025
AM Peak (7 AM - 8 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Cherry Rd. - TMC

Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

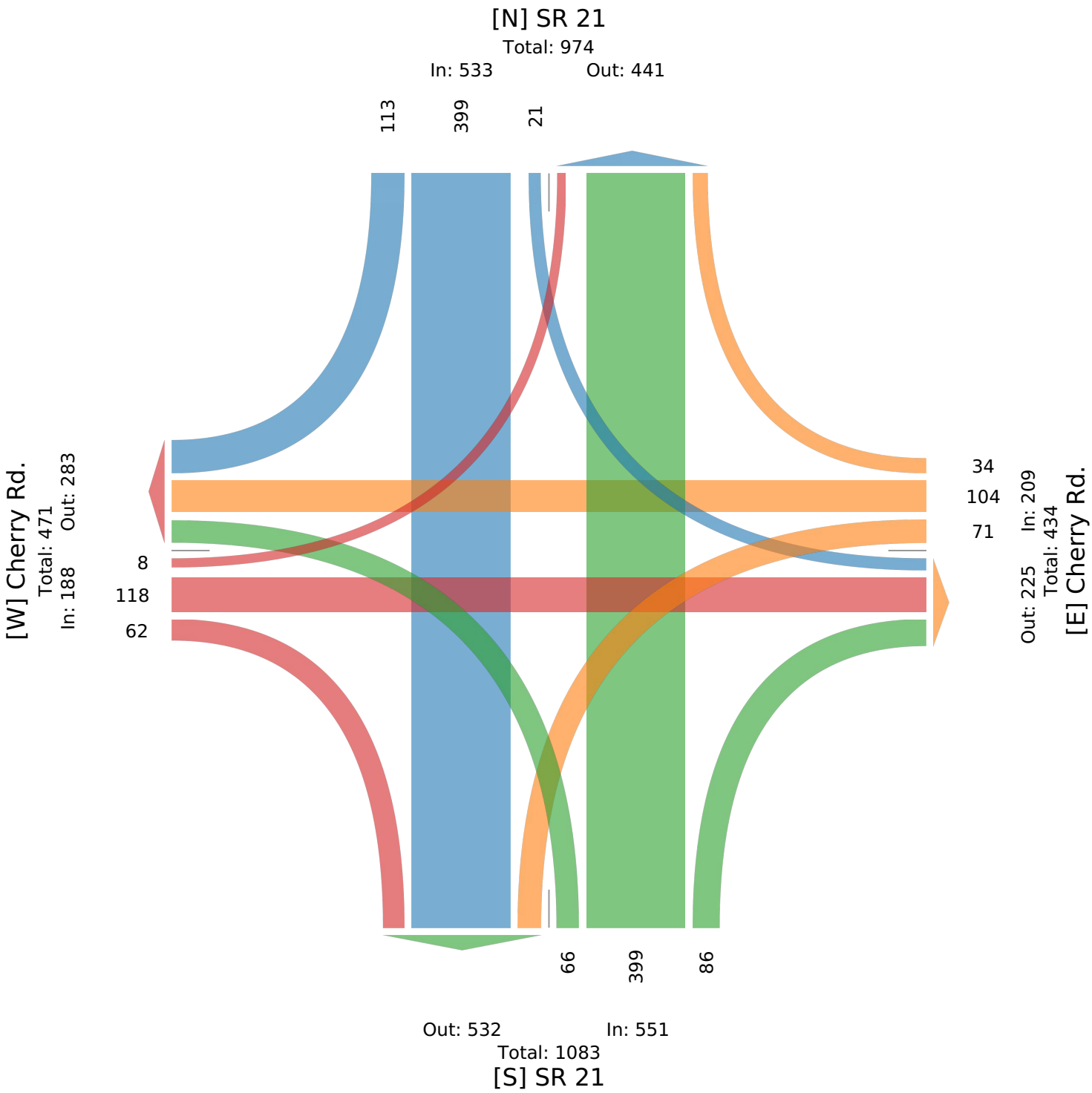
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21						Cherry Rd.						SR 21						Cherry Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 1:00PM	29	95	1	0	**125**	0	15	28	16	0	**59**	0	15	102	14	0	**131**	0	13	38	2	0	**53**	0	**368**
1:15PM	26	92	10	0	**128**	0	2	20	22	0	**44**	0	20	91	17	0	**128**	0	12	22	1	0	**35**	0	**335**
1:30PM	27	95	5	0	**127**	0	10	27	15	0	**52**	0	24	92	24	0	**140**	0	20	33	1	0	**54**	0	**373**
1:45PM	31	117	5	0	**153**	0	7	29	18	0	**54**	0	27	114	11	0	**152**	0	17	25	4	0	**46**	0	**405**
Total	113	399	21	0	**533**	0	34	104	71	0	**209**	0	86	399	66	0	**551**	0	62	118	8	0	**188**	0	**1481**
% Approach	21.2%	74.9%	3.9%	0%	**-**	-	16.3%	49.8%	34.0%	0%	**-**	-	15.6%	72.4%	12.0%	0%	**-**	-	33.0%	62.8%	4.3%	0%	**-**	-	-
% Total	7.6%	26.9%	1.4%	0%	**36.0%**	-	2.3%	7.0%	4.8%	0%	**14.1%**	-	5.8%	26.9%	4.5%	0%	**37.2%**	-	4.2%	8.0%	0.5%	0%	**12.7%**	-	-
PHF	0.911	0.853	0.525	-	**0.871**	-	0.567	0.897	0.807	-	**0.886**	-	0.796	0.875	0.688	-	**0.906**	-	0.775	0.776	0.500	-	**0.870**	-	0.914
Lights	108	352	19	0	**479**	-	30	100	67	0	**197**	-	84	342	52	0	**478**	-	51	115	7	0	**173**	-	1327
% Lights	95.6%	88.2%	90.5%	0%	**89.9%**	-	88.2%	96.2%	94.4%	0%	**94.3%**	-	97.7%	85.7%	78.8%	0%	**86.8%**	-	82.3%	97.5%	87.5%	0%	**92.0%**	-	89.6%
Single-Unit Trucks	3	19	2	0	**24**	-	3	4	3	0	**10**	-	1	26	1	0	**28**	-	1	0	0	0	**1**	-	63
% Single-Unit Trucks	2.7%	4.8%	9.5%	0%	**4.5%**	-	8.8%	3.8%	4.2%	0%	**4.8%**	-	1.2%	6.5%	1.5%	0%	**5.1%**	-	1.6%	0%	0%	0%	**0.5%**	-	4.3%
Articulated Trucks	2	26	0	0	**28**	-	1	0	0	0	**1**	-	1	27	13	0	**41**	-	10	2	1	0	**13**	-	83
% Articulated Trucks	1.8%	6.5%	0%	0%	**5.3%**	-	2.9%	0%	0%	0%	**0.5%**	-	1.2%	6.8%	19.7%	0%	**7.4%**	-	16.1%	1.7%	12.5%	0%	**6.9%**	-	5.6%
Buses	0	2	0	0	**2**	-	0	0	1	0	**1**	-	0	4	0	0	**4**	-	0	1	0	0	**1**	-	8
% Buses	0%	0.5%	0%	0%	**0.4%**	-	0%	0%	1.4%	0%	**0.5%**	-	0%	1.0%	0%	0%	**0.7%**	-	0%	0.8%	0%	0%	**0.5%**	-	0.5%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Cherry Rd. - TMC
Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Cherry Rd. - TMC

Thu Apr 10, 2025
PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

LOUKAS engineering
TRAFFIC DATA & CONSULTING

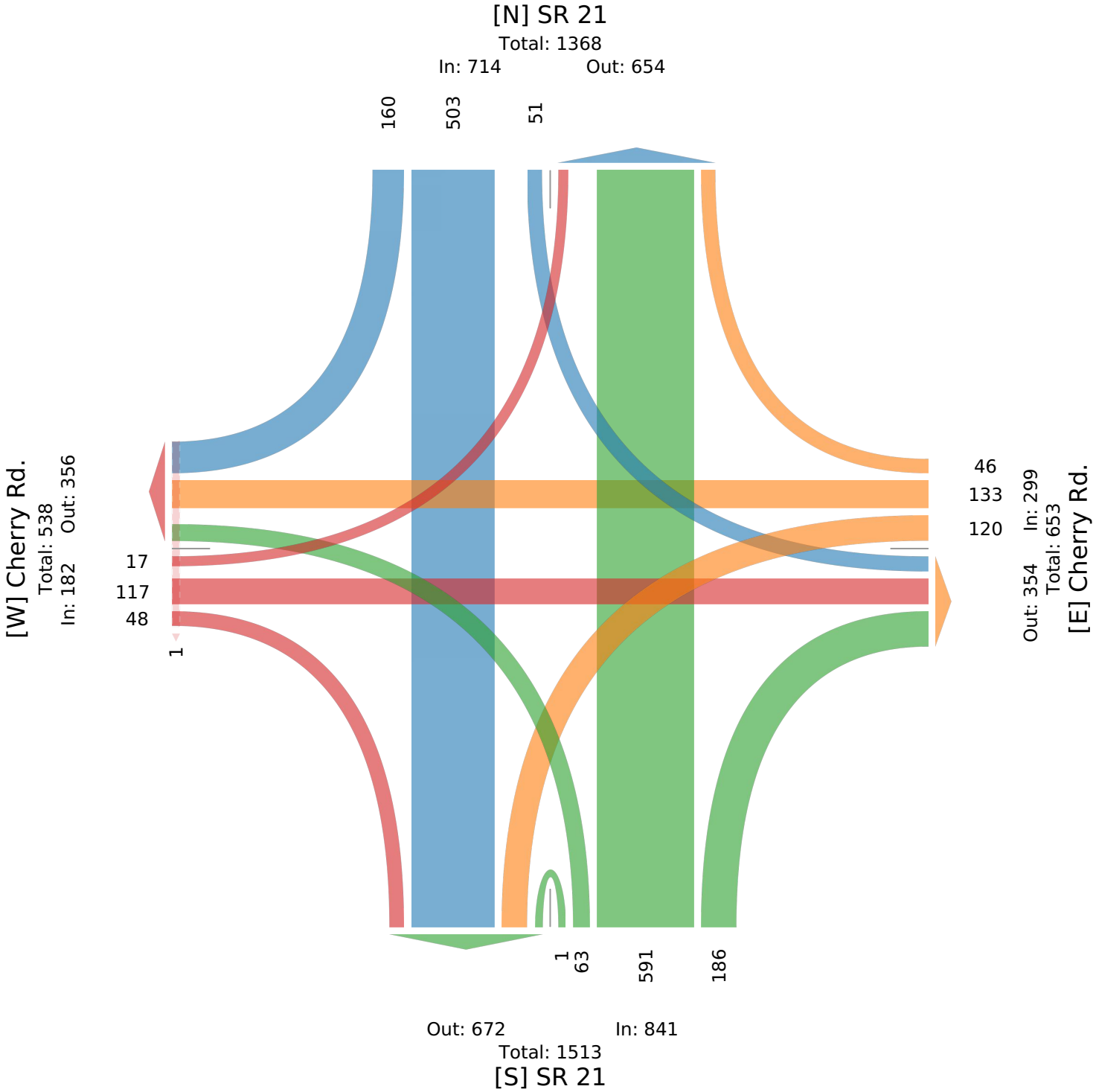
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21						Cherry Rd.						SR 21						Cherry Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 4:30PM	42	116	14	0	**172**	0	10	33	29	0	**72**	0	46	148	13	1	**208**	0	13	27	4	0	**44**	1	**496**
4:45PM	32	122	15	0	**169**	0	12	27	25	0	**64**	0	46	138	18	0	**202**	0	11	35	1	0	**47**	0	**482**
5:00PM	35	123	7	0	**165**	0	9	31	31	0	**71**	0	47	161	18	0	**226**	0	11	32	11	0	**54**	0	**516**
5:15PM	51	142	15	0	**208**	0	15	42	35	0	**92**	0	47	144	14	0	**205**	0	13	23	1	0	**37**	0	**542**
Total	160	503	51	0	**714**	0	46	133	120	0	**299**	0	186	591	63	1	**841**	0	48	117	17	0	**182**	1	**2036**
% Approach	22.4%	70.4%	7.1%	0%	**-**	-	15.4%	44.5%	40.1%	0%	**-**	-	22.1%	70.3%	7.5%	0.1%	**-**	-	26.4%	64.3%	9.3%	0%	**-**	-	-
% Total	7.9%	24.7%	2.5%	0%	**35.1%**	-	2.3%	6.5%	5.9%	0%	**14.7%**	-	9.1%	29.0%	3.1%	0%	**41.3%**	-	2.4%	5.7%	0.8%	0%	**8.9%**	-	-
PHF	0.784	0.886	0.850	-	**0.858**	-	0.767	0.792	0.857	-	**0.813**	-	0.989	0.918	0.875	0.250	**0.930**	-	0.923	0.836	0.386	-	**0.843**	-	0.939
Lights	160	484	51	0	**695**	-	45	133	117	0	**295**	-	185	582	61	1	**829**	-	48	116	16	0	**180**	-	1999
% Lights	100%	96.2%	100%	0%	**97.3%**	-	97.8%	100%	97.5%	0%	**98.7%**	-	99.5%	98.5%	96.8%	100%	**98.6%**	-	100%	99.1%	94.1%	0%	**98.9%**	-	98.2%
Single-Unit Trucks	0	7	0	0	**7**	-	1	0	3	0	**4**	-	1	2	1	0	**4**	-	0	1	1	0	**2**	-	17
% Single-Unit Trucks	0%	1.4%	0%	0%	**1.0%**	-	2.2%	0%	2.5%	0%	**1.3%**	-	0.5%	0.3%	1.6%	0%	**0.5%**	-	0%	0.9%	5.9%	0%	**1.1%**	-	0.8%
Articulated Trucks	0	12	0	0	**12**	-	0	0	0	0	**0**	-	0	7	1	0	**8**	-	0	0	0	0	**0**	-	20
% Articulated Trucks	0%	2.4%	0%	0%	**1.7%**	-	0%	0%	0%	0%	**0%**	-	0%	1.2%	1.6%	0%	**1.0%**	-	0%	0%	0%	0%	**0%**	-	1.0%
Buses	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Buses	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 100%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Cherry Rd. - TMC
Thu Apr 10, 2025
PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286444, Location: 40.800042, -81.528736

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21					Lillian Gish Blvd.					SR 21					
Direction	Southbound					Westbound					Northbound					
Time	T	L	U	**App**	Ped*	R	L	U	**App**	Ped*	R	T	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	163	15	0	**178**	0	17	25	0	**42**	0	35	119	0	**154**	0	**374**
7:15AM	151	11	0	**162**	0	21	38	0	**59**	0	38	147	0	**185**	0	**406**
7:30AM	205	13	0	**218**	0	12	40	0	**52**	0	34	87	0	**121**	0	**391**
7:45AM	183	15	0	**198**	0	20	41	0	**61**	0	39	140	0	**179**	0	**438**
Hourly Total	702	54	0	**756**	0	70	144	0	**214**	0	146	493	0	**639**	0	**1609**
8:00AM	133	8	0	**141**	0	20	34	0	**54**	0	38	102	0	**140**	0	**335**
8:15AM	134	19	0	**153**	0	15	40	0	**55**	0	40	100	0	**140**	0	**348**
8:30AM	128	14	0	**142**	0	17	30	0	**47**	0	41	93	0	**134**	0	**323**
8:45AM	121	15	0	**136**	0	25	39	0	**64**	0	49	115	0	**164**	0	**364**
Hourly Total	516	56	0	**572**	0	77	143	0	**220**	0	168	410	0	**578**	0	**1370**
9:00AM	111	7	0	**118**	0	16	32	0	**48**	0	31	109	0	**140**	0	**306**
9:15AM	108	16	0	**124**	0	13	54	0	**67**	0	35	79	0	**114**	0	**305**
9:30AM	80	13	0	**93**	0	19	48	0	**67**	0	33	96	3	**132**	0	**292**
9:45AM	121	19	0	**140**	0	19	42	0	**61**	0	36	90	0	**126**	0	**327**
Hourly Total	420	55	0	**475**	0	67	176	0	**243**	0	135	374	3	**512**	0	**1230**
10:00AM	101	7	0	**108**	0	13	30	0	**43**	0	35	95	0	**130**	0	**281**
10:15AM	95	9	0	**104**	0	8	50	0	**58**	0	32	89	0	**121**	0	**283**
10:30AM	96	10	0	**106**	0	17	60	0	**77**	0	31	101	0	**132**	0	**315**
10:45AM	132	14	0	**146**	0	16	38	0	**54**	0	38	97	0	**135**	0	**335**
Hourly Total	424	40	0	**464**	0	54	178	0	**232**	0	136	382	0	**518**	0	**1214**
11:00AM	103	15	0	**118**	0	16	37	0	**53**	0	40	95	0	**135**	0	**306**
11:15AM	108	13	0	**121**	0	25	63	0	**88**	0	53	100	0	**153**	0	**362**
11:30AM	94	11	0	**105**	0	17	58	0	**75**	0	36	111	0	**147**	0	**327**
11:45AM	103	11	0	**114**	0	13	70	0	**83**	0	65	103	0	**168**	0	**365**
Hourly Total	408	50	0	**458**	0	71	228	0	**299**	0	194	409	0	**603**	0	**1360**
12:00PM	115	12	0	**127**	0	20	57	0	**77**	0	70	101	0	**171**	0	**375**
12:15PM	110	12	0	**122**	0	18	62	0	**80**	0	54	108	0	**162**	0	**364**
12:30PM	139	13	0	**152**	0	24	68	0	**92**	0	45	107	0	**152**	0	**396**
12:45PM	132	7	0	**139**	0	13	53	0	**66**	0	63	122	0	**185**	0	**390**
Hourly Total	496	44	0	**540**	0	75	240	0	**315**	0	232	438	0	**670**	0	**1525**
1:00PM	115	17	0	**132**	0	22	54	0	**76**	0	45	111	0	**156**	0	**364**
1:15PM	114	12	0	**126**	0	12	45	0	**57**	0	43	113	0	**156**	0	**339**
1:30PM	125	17	0	**142**	0	11	51	0	**62**	0	43	151	0	**194**	0	**398**
1:45PM	144	9	0	**153**	0	10	58	0	**68**	0	44	140	0	**184**	0	**405**
Hourly Total	498	55	0	**553**	0	55	208	0	**263**	0	175	515	0	**690**	0	**1506**
2:00PM	134	4	0	**138**	0	11	49	0	**60**	0	46	130	0	**176**	0	**374**
2:15PM	150	10	0	**160**	0	13	64	0	**77**	0	54	179	0	**233**	0	**470**
2:30PM	144	11	0	**155**	0	18	63	0	**81**	0	42	163	0	**205**	0	**441**
2:45PM	157	15	0	**172**	0	20	53	0	**73**	0	54	156	0	**210**	0	**455**
Hourly Total	585	40	0	**625**	0	62	229	0	**291**	0	196	628	0	**824**	0	**1740**
3:00PM	158	10	0	**168**	0	17	52	0	**69**	0	60	212	0	**272**	0	**509**
3:15PM	159	18	0	**177**	0	10	56	0	**66**	0	63	162	1	**226**	0	**469**
3:30PM	171	16	0	**187**	0	21	65	0	**86**	0	70	211	0	**281**	0	**554**
3:45PM	147	13	0	**160**	0	21	60	0	**81**	0	73	194	0	**267**	0	**508**
Hourly Total	635	57	0	**692**	0	69	233	0	**302**	0	266	779	1	**1046**	0	**2040**
4:00PM	157	22	0	**179**	0	33	65	0	**98**	0	72	192	0	**264**	0	**541**
4:15PM	148	21	0	**169**	0	17	67	0	**84**	0	64	213	0	**277**	0	**530**
4:30PM	142	16	0	**158**	0	21	83	0	**104**	0	63	198	0	**261**	0	**523**
4:45PM	152	15	0	**167**	0	21	62	0	**83**	0	70	203	0	**273**	0	**523**
Hourly Total	599	74	0	**673**	0	92	277	0	**369**	0	269	806	0	**1075**	0	**2117**
5:00PM	150	19	0	**169**	0	17	69	0	**86**	0	63	202	0	**265**	0	**520**
5:15PM	181	18	0	**199**	0	22	68	0	**90**	0	76	161	0	**237**	0	**526**
5:30PM	144	15	0	**159**	0	25	55	0	**80**	0	49	156	0	**205**	0	**444**

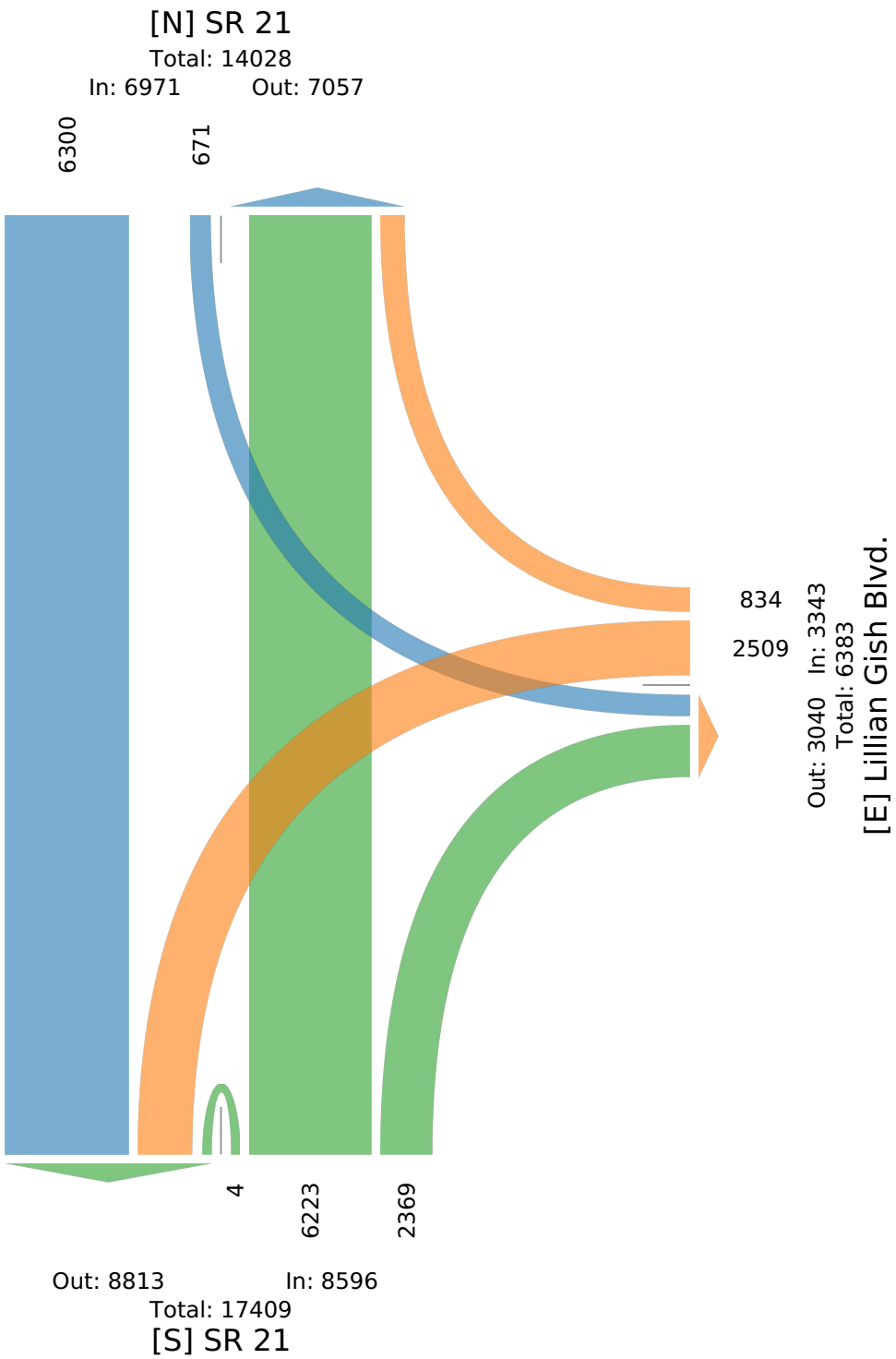
Leg	SR 21					Lillian Gish Blvd.					SR 21					
Direction	Southbound					Westbound					Northbound					
Time	T	L	U	**App**	Ped*	R	L	U	**App**	Ped*	R	T	U	**App**	Ped*	**Int**
5:45PM	126	24	0	**150**	0	15	51	0	**66**	0	66	122	0	**188**	0	**404**
Hourly Total	601	76	0	**677**	0	79	243	0	**322**	0	254	641	0	**895**	0	**1894**
6:00PM	110	17	0	**127**	0	11	65	0	**76**	0	55	95	0	**150**	0	**353**
6:15PM	125	18	0	**143**	0	17	52	0	**69**	0	57	89	0	**146**	0	**358**
6:30PM	92	16	0	**108**	0	22	46	0	**68**	0	45	91	0	**136**	0	**312**
6:45PM	89	19	0	**108**	0	13	47	0	**60**	0	41	73	0	**114**	0	**282**
Hourly Total	416	70	0	**486**	0	63	210	0	**273**	0	198	348	0	**546**	0	**1305**
Total	6300	671	0	**6971**	0	834	2509	0	**3343**	0	2369	6223	4	**8596**	0	**18910**
% Approach	90.4%	9.6%	0%	**-**	-	24.9%	75.1%	0%	**-**	-	27.6%	72.4%	0%	**-**	-	-
% Total	33.3%	3.5%	0%	**36.9%**	-	4.4%	13.3%	0%	**17.7%**	-	12.5%	32.9%	0%	**45.5%**	-	-
Lights	5762	639	0	**6401**	-	801	2442	0	**3243**	-	2312	5659	4	**7975**	-	17619
% Lights	91.5%	95.2%	0%	**91.8%**	-	96.0%	97.3%	0%	**97.0%**	-	97.6%	90.9%	100%	**92.8%**	-	93.2%
Single-Unit Trucks	233	13	0	**246**	-	15	38	0	**53**	-	39	230	0	**269**	-	568
% Single-Unit Trucks	3.7%	1.9%	0%	**3.5%**	-	1.8%	1.5%	0%	**1.6%**	-	1.6%	3.7%	0%	**3.1%**	-	3.0%
Articulated Trucks	281	19	0	**300**	-	17	22	0	**39**	-	14	303	0	**317**	-	656
% Articulated Trucks	4.5%	2.8%	0%	**4.3%**	-	2.0%	0.9%	0%	**1.2%**	-	0.6%	4.9%	0%	**3.7%**	-	3.5%
Buses	24	0	0	**24**	-	1	7	0	**8**	-	4	30	0	**34**	-	66
% Buses	0.4%	0%	0%	**0.3%**	-	0.1%	0.3%	0%	**0.2%**	-	0.2%	0.5%	0%	**0.4%**	-	0.3%
Bicycles on Road	0	0	0	**0**	-	0	0	0	**0**	-	0	1	0	**1**	-	1
% Bicycles on Road	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
AM Peak (7 AM - 8 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

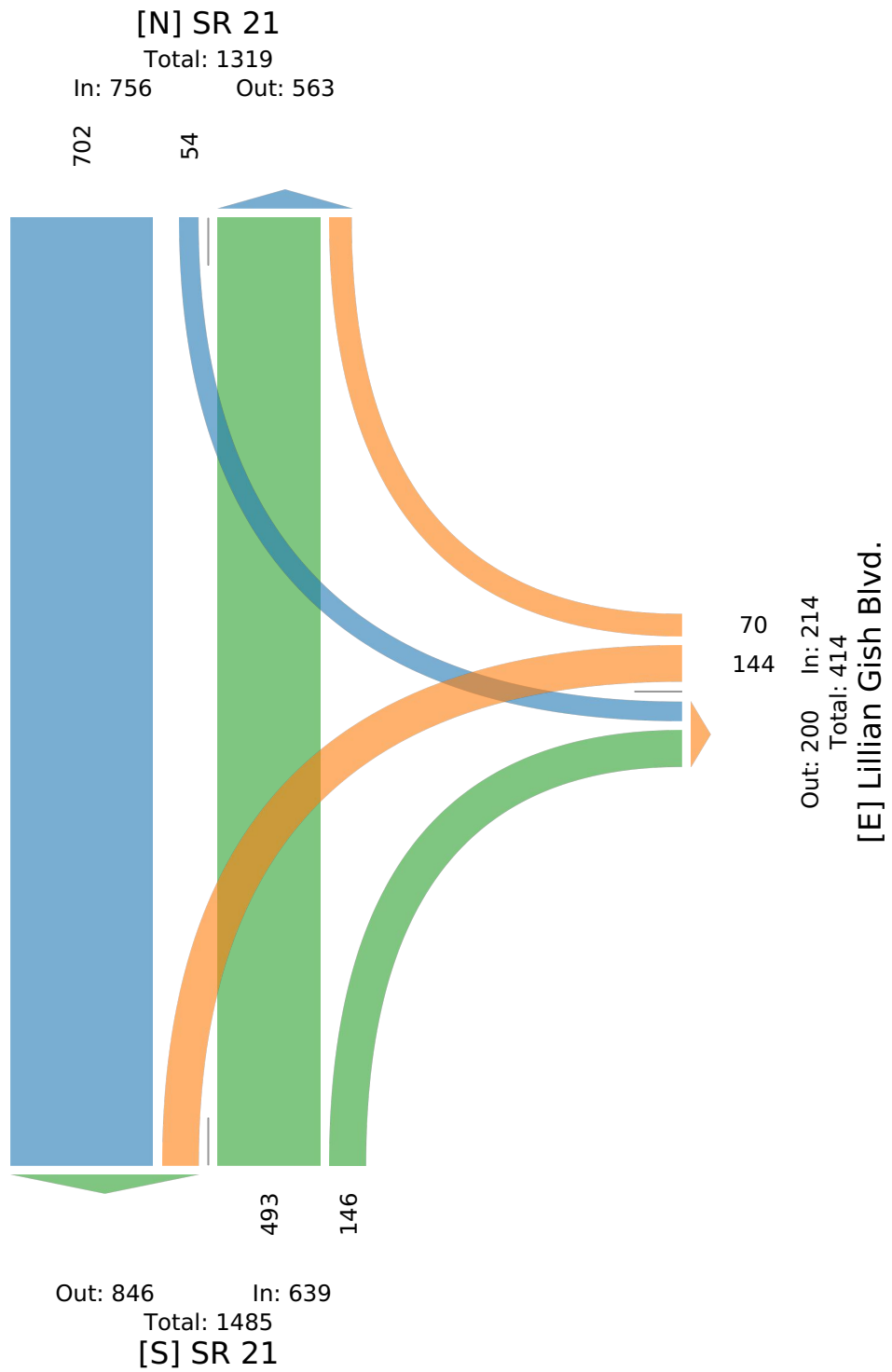
Leg Direction	SR 21 Southbound					Lillian Gish Blvd. Westbound					SR 21 Northbound					
Time	T	L	U	**App**	Ped*	R	L	U	**App**	Ped*	R	T	U	**App**	Ped*	**Int**
2025-04-10 7:00AM	163	15	0	**178**	0	17	25	0	**42**	0	35	119	0	**154**	0	**374**
7:15AM	151	11	0	**162**	0	21	38	0	**59**	0	38	147	0	**185**	0	**406**
7:30AM	205	13	0	**218**	0	12	40	0	**52**	0	34	87	0	**121**	0	**391**
7:45AM	183	15	0	**198**	0	20	41	0	**61**	0	39	140	0	**179**	0	**438**
Total	702	54	0	**756**	0	70	144	0	**214**	0	146	493	0	**639**	0	**1609**
% Approach	92.9%	7.1%	0%	**-**	-	32.7%	67.3%	0%	**-**	-	22.8%	77.2%	0%	**-**	-	-
% Total	43.6%	3.4%	0%	**47.0%**	-	4.4%	8.9%	0%	**13.3%**	-	9.1%	30.6%	0%	**39.7%**	-	-
PHF	0.856	0.900	-	**0.867**	-	0.833	0.878	-	**0.877**	-	0.936	0.838	-	**0.864**	-	0.918
Lights	657	51	0	**708**	-	70	140	0	**210**	-	141	436	0	**577**	-	1495
% Lights	93.6%	94.4%	0%	**93.7%**	-	100%	97.2%	0%	**98.1%**	-	96.6%	88.4%	0%	**90.3%**	-	92.9%
Single-Unit Trucks	20	1	0	**21**	-	0	4	0	**4**	-	2	29	0	**31**	-	56
% Single-Unit Trucks	2.8%	1.9%	0%	**2.8%**	-	0%	2.8%	0%	**1.9%**	-	1.4%	5.9%	0%	**4.9%**	-	3.5%
Articulated Trucks	23	2	0	**25**	-	0	0	0	**0**	-	3	21	0	**24**	-	49
% Articulated Trucks	3.3%	3.7%	0%	**3.3%**	-	0%	0%	0%	**0%**	-	2.1%	4.3%	0%	**3.8%**	-	3.0%
Buses	2	0	0	**2**	-	0	0	0	**0**	-	0	7	0	**7**	-	9
% Buses	0.3%	0%	0%	**0.3%**	-	0%	0%	0%	**0%**	-	0%	1.4%	0%	**1.1%**	-	0.6%
Bicycles on Road	0	0	0	**0**	-	0	0	0	**0**	-	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
AM Peak (7 AM - 8 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
Midday Peak (12 PM - 1 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

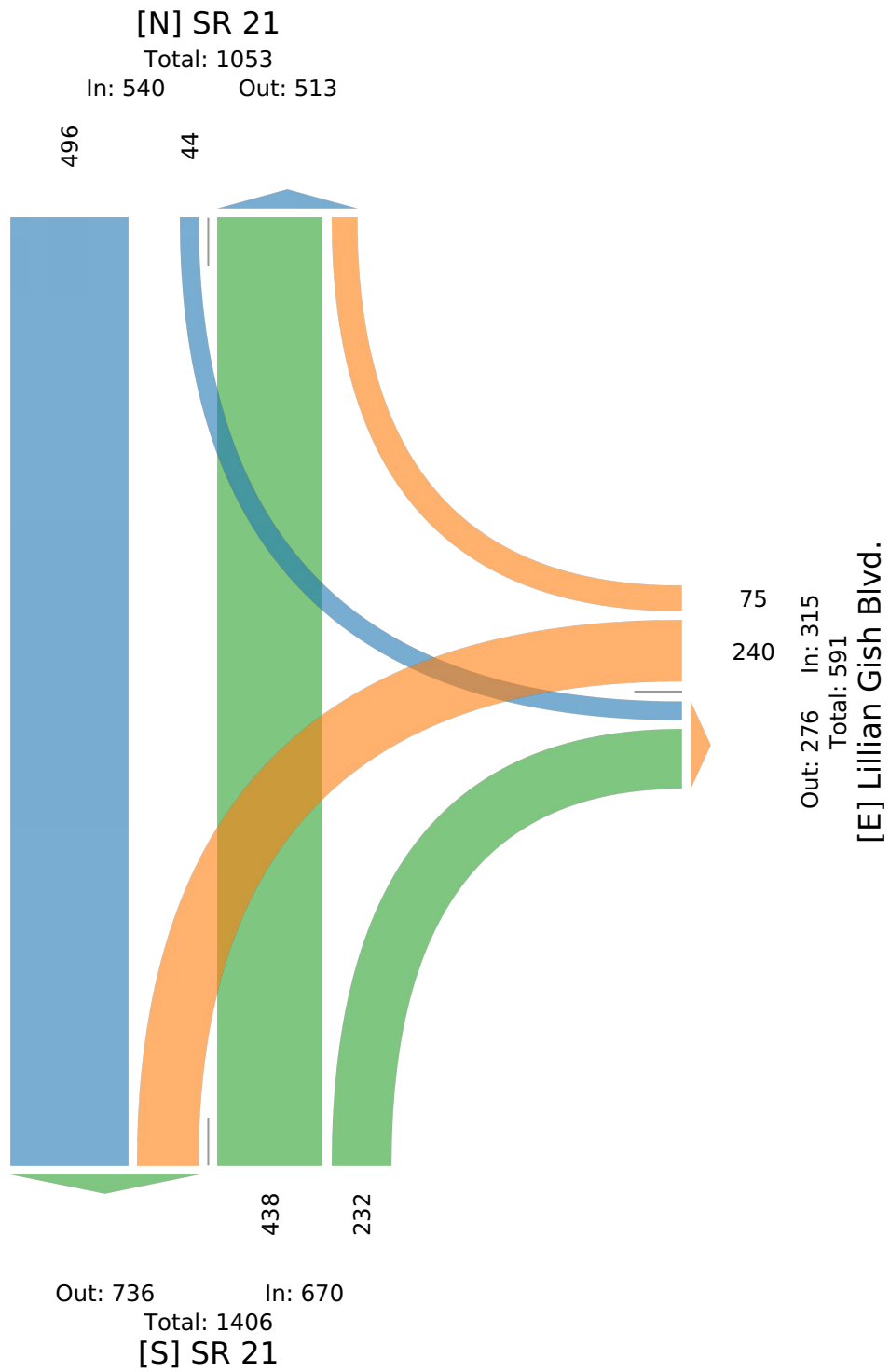
Leg	SR 21					Lillian Gish Blvd.					SR 21					
Direction	Southbound					Westbound					Northbound					
Time	T	L	U	**App**	Ped*	R	L	U	**App**	Ped*	R	T	U	**App**	Ped*	**Int**
2025-04-10 12:00PM	115	12	0	**127**	0	20	57	0	**77**	0	70	101	0	**171**	0	**375**
12:15PM	110	12	0	**122**	0	18	62	0	**80**	0	54	108	0	**162**	0	**364**
12:30PM	139	13	0	**152**	0	24	68	0	**92**	0	45	107	0	**152**	0	**396**
12:45PM	132	7	0	**139**	0	13	53	0	**66**	0	63	122	0	**185**	0	**390**
Total	496	44	0	**540**	0	75	240	0	**315**	0	232	438	0	**670**	0	**1525**
% Approach	91.9%	8.1%	0%	**-**	-	23.8%	76.2%	0%	**-**	-	34.6%	65.4%	0%	**-**	-	**-**
% Total	32.5%	2.9%	0%	**35.4%**	-	4.9%	15.7%	0%	**20.7%**	-	15.2%	28.7%	0%	**43.9%**	-	**-**
PHF	0.892	0.846	-	**0.888**	-	0.781	0.882	-	**0.856**	-	0.829	0.895	-	**0.904**	-	0.965
Lights	442	44	0	**486**	-	72	230	0	**302**	-	225	373	0	**598**	-	1386
% Lights	89.1%	100%	0%	**90.0%**	-	96.0%	95.8%	0%	**95.9%**	-	97.0%	85.2%	0%	**89.3%**	-	90.9%
Single-Unit Trucks	19	0	0	**19**	-	2	4	0	**6**	-	7	28	0	**35**	-	60
% Single-Unit Trucks	3.8%	0%	0%	**3.5%**	-	2.7%	1.7%	0%	**1.9%**	-	3.0%	6.4%	0%	**5.2%**	-	3.9%
Articulated Trucks	32	0	0	**32**	-	1	6	0	**7**	-	0	36	0	**36**	-	75
% Articulated Trucks	6.5%	0%	0%	**5.9%**	-	1.3%	2.5%	0%	**2.2%**	-	0%	8.2%	0%	**5.4%**	-	4.9%
Buses	3	0	0	**3**	-	0	0	0	**0**	-	0	0	0	**0**	-	3
% Buses	0.6%	0%	0%	**0.6%**	-	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0.2%
Bicycles on Road	0	0	0	**0**	-	0	0	0	**0**	-	0	1	0	**1**	-	1
% Bicycles on Road	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%	0.2%	0%	**0.1%**	-	0.1%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
Midday Peak (12 PM - 1 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

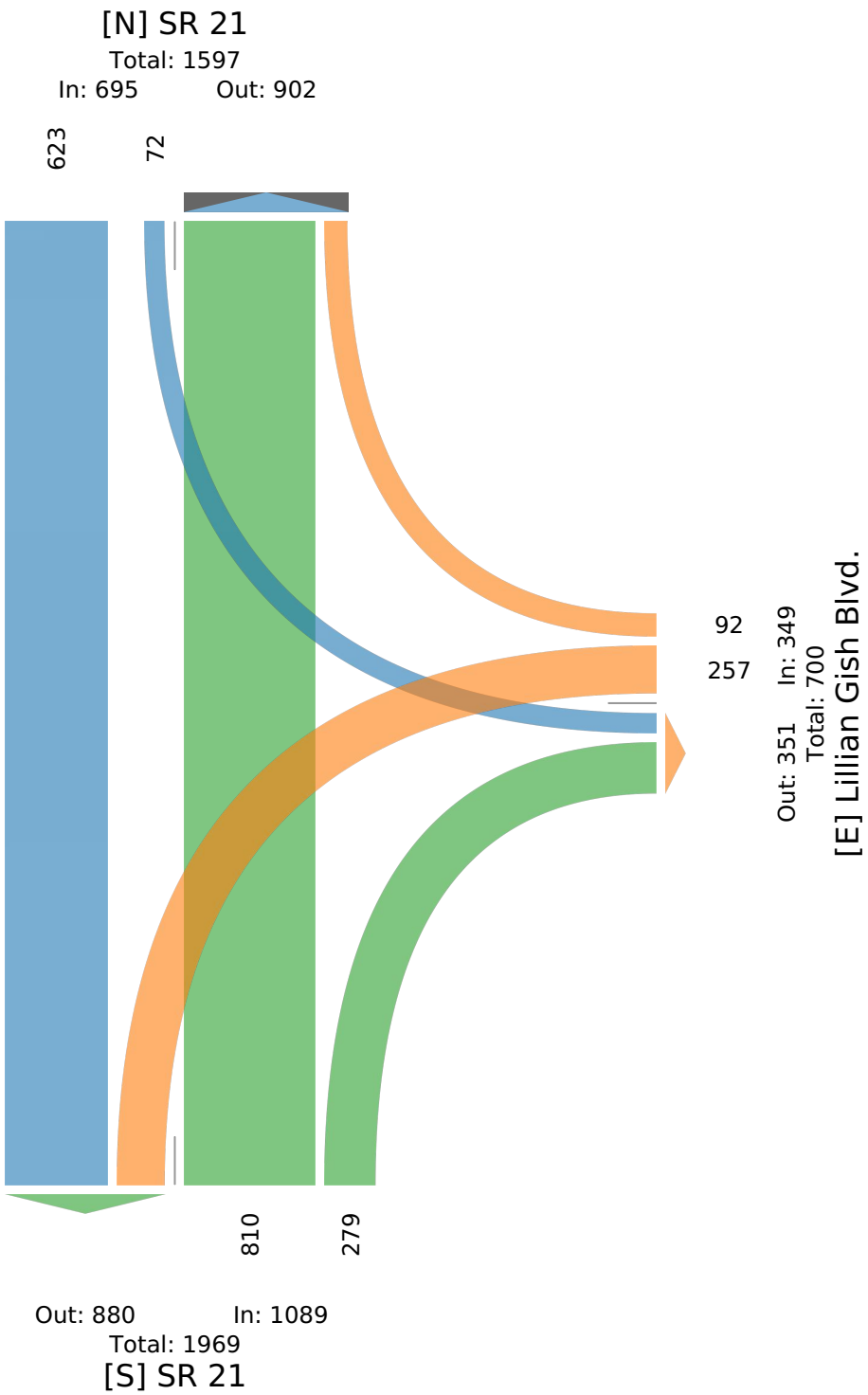
Leg Direction	SR 21 Southbound					Lillian Gish Blvd. Westbound					SR 21 Northbound					
Time	T	L	U	**App**	Ped*	R	L	U	**App**	Ped*	R	T	U	**App**	Ped*	**Int**
2025-04-10 3:30PM	171	16	0	**187**	0	21	65	0	**86**	0	70	211	0	**281**	0	**554**
3:45PM	147	13	0	**160**	0	21	60	0	**81**	0	73	194	0	**267**	0	**508**
4:00PM	157	22	0	**179**	0	33	65	0	**98**	0	72	192	0	**264**	0	**541**
4:15PM	148	21	0	**169**	0	17	67	0	**84**	0	64	213	0	**277**	0	**530**
Total	623	72	0	**695**	0	92	257	0	**349**	0	279	810	0	**1089**	0	**2133**
% Approach	89.6%	10.4%	0%	**-**	-	26.4%	73.6%	0%	**-**	-	25.6%	74.4%	0%	**-**	-	-
% Total	29.2%	3.4%	0%	**32.6%**	-	4.3%	12.0%	0%	**16.4%**	-	13.1%	38.0%	0%	**51.1%**	-	-
PHF	0.911	0.818	-	**0.929**	-	0.697	0.959	-	**0.890**	-	0.955	0.951	-	**0.969**	-	0.963
Lights	578	69	0	**647**	-	86	255	0	**341**	-	277	778	0	**1055**	-	2043
% Lights	92.8%	95.8%	0%	**93.1%**	-	93.5%	99.2%	0%	**97.7%**	-	99.3%	96.0%	0%	**96.9%**	-	95.8%
Single-Unit Trucks	18	1	0	**19**	-	2	2	0	**4**	-	0	16	0	**16**	-	39
% Single-Unit Trucks	2.9%	1.4%	0%	**2.7%**	-	2.2%	0.8%	0%	**1.1%**	-	0%	2.0%	0%	**1.5%**	-	1.8%
Articulated Trucks	24	2	0	**26**	-	3	0	0	**3**	-	1	16	0	**17**	-	46
% Articulated Trucks	3.9%	2.8%	0%	**3.7%**	-	3.3%	0%	0%	**0.9%**	-	0.4%	2.0%	0%	**1.6%**	-	2.2%
Buses	3	0	0	**3**	-	1	0	0	**1**	-	1	0	0	**1**	-	5
% Buses	0.5%	0%	0%	**0.4%**	-	1.1%	0%	0%	**0.3%**	-	0.4%	0%	0%	**0.1%**	-	0.2%
Bicycles on Road	0	0	0	**0**	-	0	0	0	**0**	-	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Lillian Gish Blvd. - TMC

Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286445, Location: 40.794303, -81.526769

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Walnut Rd. - TMC

Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

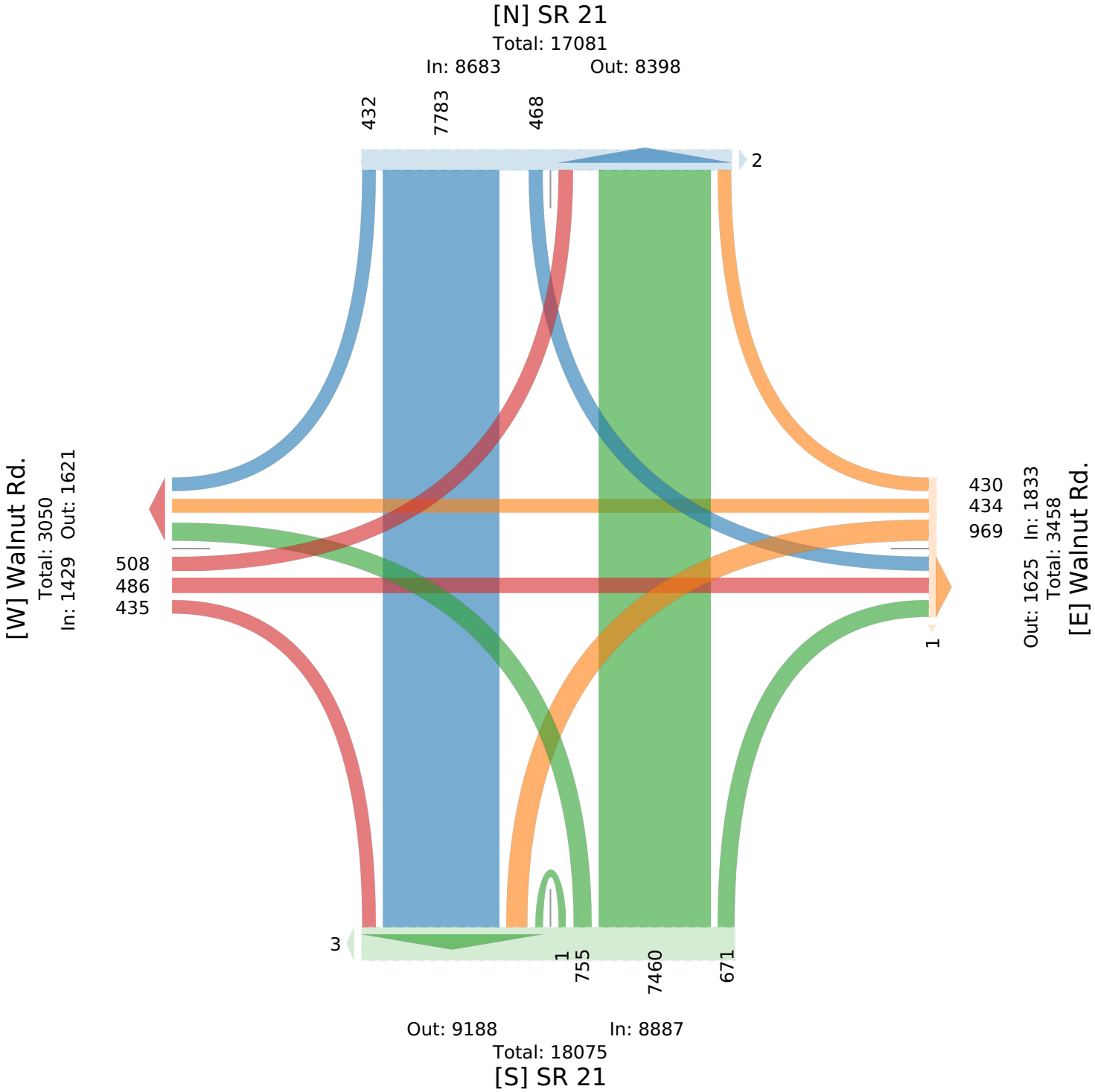
Leg	SR 21						Walnut Rd.						SR 21						Walnut Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	Int
2025-04-10 7:00AM	3	146	15	0	**164**	0	5	9	20	0	**34**	0	6	128	10	0	**144**	0	8	10	9	0	**27**	0	**369**
7:15AM	2	199	10	0	**211**	0	12	6	19	0	**37**	0	11	166	4	0	**181**	0	7	10	16	0	**33**	0	**462**
7:30AM	2	196	25	0	**223**	0	4	5	21	0	**30**	0	15	99	8	0	**122**	0	11	14	13	0	**38**	0	**413**
7:45AM	8	201	30	0	**239**	0	5	4	18	0	**27**	0	19	144	13	0	**176**	0	0	10	12	0	**22**	0	**464**
Hourly Total	15	742	80	0	**837**	0	26	24	78	0	**128**	0	51	537	35	0	**623**	0	26	44	50	0	**120**	0	**1708**
8:00AM	5	163	3	0	**171**	0	6	7	9	0	**22**	0	17	124	6	0	**147**	0	12	11	10	0	**33**	0	**373**
8:15AM	2	149	10	0	**161**	0	2	7	15	0	**24**	0	15	127	8	0	**150**	0	9	10	7	0	**26**	0	**361**
8:30AM	7	141	12	0	**160**	0	6	8	12	0	**26**	0	10	108	6	0	**124**	0	8	11	13	0	**32**	0	**342**
8:45AM	3	139	15	0	**157**	0	10	8	12	0	**30**	0	11	143	5	0	**159**	0	7	13	12	0	**32**	0	**378**
Hourly Total	17	592	40	0	**649**	0	24	30	48	0	**102**	0	53	502	25	0	**580**	0	36	45	42	0	**123**	0	**1454**
9:00AM	6	131	9	0	**146**	0	4	9	17	0	**30**	0	7	122	7	0	**136**	0	8	14	8	0	**30**	0	**342**
9:15AM	5	149	7	0	**161**	0	4	6	15	0	**25**	0	10	102	6	0	**118**	1	10	7	10	0	**27**	0	**331**
9:30AM	3	124	7	0	**134**	1	11	6	25	0	**42**	0	5	112	3	0	**120**	0	6	7	8	0	**21**	0	**317**
9:45AM	5	155	10	0	**170**	0	8	6	7	0	**21**	0	9	105	11	0	**125**	0	7	7	9	0	**23**	0	**339**
Hourly Total	19	559	33	0	**611**	1	27	27	64	0	**118**	0	31	441	27	0	**499**	1	31	35	35	0	**101**	0	**1329**
10:00AM	5	123	2	0	**130**	0	2	9	13	0	**24**	0	6	107	7	0	**120**	0	6	11	4	0	**21**	0	**295**
10:15AM	1	135	4	0	**140**	0	6	4	15	0	**25**	0	12	105	9	0	**126**	0	8	8	4	0	**20**	0	**311**
10:30AM	4	148	4	0	**156**	0	8	5	20	0	**33**	0	9	114	9	0	**132**	0	9	6	9	0	**24**	0	**345**
10:45AM	9	145	9	0	**163**	0	7	5	23	0	**35**	0	20	107	7	0	**134**	0	4	6	10	0	**20**	0	**352**
Hourly Total	19	551	19	0	**589**	0	23	23	71	0	**117**	0	47	433	32	0	**512**	0	27	31	27	0	**85**	0	**1303**
11:00AM	5	135	5	0	**145**	0	2	0	16	0	**18**	0	13	121	12	1	**147**	0	6	4	6	0	**16**	0	**326**
11:15AM	7	150	9	0	**166**	0	10	2	21	0	**33**	0	9	126	16	0	**151**	0	1	8	5	0	**14**	0	**364**
11:30AM	6	158	3	0	**167**	0	10	1	26	0	**37**	0	18	127	18	0	**163**	0	4	5	6	0	**15**	0	**382**
11:45AM	8	157	3	0	**168**	0	9	4	18	0	**31**	0	18	139	13	0	**170**	0	15	2	11	0	**28**	0	**397**
Hourly Total	26	600	20	0	**646**	0	31	7	81	0	**119**	0	58	513	59	1	**631**	0	26	19	28	0	**73**	0	**1469**
12:00PM	7	148	2	0	**157**	0	7	7	19	0	**33**	0	16	149	7	0	**172**	0	4	7	9	0	**20**	0	**382**
12:15PM	12	146	10	0	**168**	0	8	4	20	0	**32**	0	14	141	13	0	**168**	0	9	10	11	0	**30**	0	**398**
12:30PM	12	172	6	0	**190**	0	6	8	18	0	**32**	0	19	131	8	0	**158**	0	7	8	10	0	**25**	0	**405**
12:45PM	7	159	2	0	**168**	0	6	6	29	0	**41**	0	9	145	20	0	**174**	0	15	6	15	0	**36**	0	**419**
Hourly Total	38	625	20	0	**683**	0	27	25	86	0	**138**	0	58	566	48	0	**672**	0	35	31	45	0	**111**	0	**1604**
1:00PM	13	148	9	0	**170**	0	9	12	16	0	**37**	0	8	129	18	0	**155**	0	11	8	7	0	**26**	0	**388**
1:15PM	7	138	3	0	**148**	0	7	8	32	0	**47**	0	17	146	16	0	**179**	0	9	9	8	0	**26**	0	**400**
1:30PM	12	149	3	0	**164**	0	8	6	19	0	**33**	0	13	159	13	0	**185**	0	7	13	10	0	**30**	0	**412**
1:45PM	7	186	8	0	**201**	0	5	11	19	0	**35**	0	7	183	14	0	**204**	0	14	17	11	0	**42**	0	**482**
Hourly Total	39	621	23	0	**683**	0	29	37	86	0	**152**	0	45	617	61	0	**723**	0	41	47	36	0	**124**	0	**1682**
2:00PM	10	164	20	0	**194**	0	7	11	25	0	**43**	0	15	161	15	0	**191**	0	12	11	5	0	**28**	0	**456**
2:15PM	7	177	19	0	**203**	0	25	16	26	0	**67**	0	16	178	18	0	**212**	0	12	8	16	0	**36**	0	**518**
2:30PM	20	183	18	0	**221**	0	18	12	44	0	**74**	0	12	190	16	0	**218**	0	10	9	7	0	**26**	0	**539**
2:45PM	7	169	12	0	**188**	0	10	7	32	0	**49**	0	18	173	21	0	**212**	0	9	9	15	0	**33**	0	**482**
Hourly Total	44	693	69	0	**806**	0	60	46	127	0	**233**	0	61	702	70	0	**833**	0	43	37	43	0	**123**	0	**1995**
3:00PM	10	207	9	0	**226**	0	13	10	25	0	**48**	0	14	229	25	0	**268**	0	16	17	23	0	**56**	0	**598**
3:15PM	12	187	9	0	**208**	0	9	20	23	0	**52**	0	22	217	35	0	**274**	0	7	10	10	0	**27**	0	**561**
3:30PM	13	191	16	0	**220**	1	14	15	31	0	**60**	1	11	243	26	0	**280**	0	11	13	14	0	**38**	0	**598**
3:45PM	13	187	14	0	**214**	0	16	13	35	0	**64**	0	21	241	28	0	**290**	0	15	13	19	0	**47**	0	**615**
Hourly Total	48	772	48	0	**868**	1	52	58	114	0	**224**	1	68	930	114	0	**1112**	0	49	53	66	0	**168**	0	**2372**
4:00PM	10	199	9	0	**218**	0	17	17	25	0	**59**	0	25	233	25	0	**283**	0	6	7	14	0	**27**	0	**587**
4:15PM	11	194	7	0	**212**	0	12	12	31	0	**55**	0	20	236	24	0	**280**	0	13	19	16	0	**48**	0	**595**
4:30PM	13	194	10	0	**217**	0	17	10	22	0	**49**	0	20	241	25	0	**286**	0	10	16	13	0	**39**	0	**591**
4:45PM	15	176	15	0	**206**	0	14	19	21	0	**54**	0	20	227	33	0	**280**	0	9	15	18	0	**42**	0	**582**
Hourly Total	49	763	41	0	**853**	0	60	58	99	0	**217**	0	85	937	107	0	**1129**	0	38	57	61	0	**156**	0	**2355**
5:00PM	16	198	7	0	**221**	0	29	15	15	0	**59**	0	16	227	31	0	**274**	2	15	2	20	0	**37**	0	**591**
5:15PM	28	206	14	0	**248**	0	9	13	22	0	**44**	0	19	218	22	0	**259**	0	16	8	9	0	**33**	0	**584**
5:30PM	20	152	6	0	**178**	0	7	14	12	0	**33**	0	18	173	19	0	**210**	0	13	13	12	0	**38**	0	**459**
5:45PM	10	164	13	0	**187**	0	7	11	11	0	**29**	0	8	177	33	0	**218**	0	9	15	5	0	**29**	0	**463**

Leg	SR 21						Walnut Rd.						SR 21						Walnut Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
Hourly Total	74	720	40	0	**834**	0	52	53	60	0	**165**	0	61	795	105	0	**961**	2	53	38	46	0	**137**	0	**2097**
6:00PM	10	157	10	0	**177**	0	5	16	14	0	**35**	0	15	132	22	0	**169**	0	8	7	10	0	**25**	0	**406**
6:15PM	15	137	9	0	**161**	0	6	16	16	0	**38**	0	16	131	13	0	**160**	0	10	8	5	0	**23**	0	**382**
6:30PM	11	134	9	0	**154**	0	4	8	11	0	**23**	0	12	113	25	0	**150**	0	6	22	7	0	**35**	0	**362**
6:45PM	8	117	7	0	**132**	0	4	6	14	0	**24**	0	10	111	12	0	**133**	0	6	12	7	0	**25**	0	**314**
Hourly Total	44	545	35	0	**624**	0	19	46	55	0	**120**	0	53	487	72	0	**612**	0	30	49	29	0	**108**	0	**1464**
Total	432	7783	468	0	**8683**	2	430	434	969	0	**1833**	1	671	7460	755	1	**8887**	3	435	486	508	0	**1429**	0	**20832**
% Approach	5.0%	89.6%	5.4%	0%	**-**	-	23.5%	23.7%	52.9%	0%	**-**	-	7.6%	83.9%	8.5%	0%	**-**	-	30.4%	34.0%	35.5%	0%	**-**	-	**-**
% Total	2.1%	37.4%	2.2%	0%	**41.7%**	-	2.1%	2.1%	4.7%	0%	**8.8%**	-	3.2%	35.8%	3.6%	0%	**42.7%**	-	2.1%	2.3%	2.4%	0%	**6.9%**	-	**-**
Lights	428	7187	440	0	**8055**	-	400	416	919	0	**1735**	-	632	6854	746	0	**8232**	-	433	466	500	0	**1399**	-	19421
% Lights	99.1%	92.3%	94.0%	0%	**92.8%**	-	93.0%	95.9%	94.8%	0%	**94.7%**	-	94.2%	91.9%	98.8%	0%	**92.6%**	-	99.5%	95.9%	98.4%	0%	**97.9%**	-	93.2%
Single-Unit Trucks	3	252	13	0	**268**	-	16	7	29	0	**52**	-	19	265	6	1	**291**	-	2	9	5	0	**16**	-	627
% Single-Unit Trucks	0.7%	3.2%	2.8%	0%	**3.1%**	-	3.7%	1.6%	3.0%	0%	**2.8%**	-	2.8%	3.6%	0.8%	100%	**3.3%**	-	0.5%	1.9%	1.0%	0%	**1.1%**	-	3.0%
Articulated Trucks	0	318	12	0	**330**	-	12	3	15	0	**30**	-	18	308	1	0	**327**	-	0	2	0	0	**2**	-	689
% Articulated Trucks	0%	4.1%	2.6%	0%	**3.8%**	-	2.8%	0.7%	1.5%	0%	**1.6%**	-	2.7%	4.1%	0.1%	0%	**3.7%**	-	0%	0.4%	0%	0%	**0.1%**	-	3.3%
Buses	1	26	3	0	**30**	-	2	8	6	0	**16**	-	2	33	2	0	**37**	-	0	9	3	0	**12**	-	95
% Buses	0.2%	0.3%	0.6%	0%	**0.3%**	-	0.5%	1.8%	0.6%	0%	**0.9%**	-	0.3%	0.4%	0.3%	0%	**0.4%**	-	0%	1.9%	0.6%	0%	**0.8%**	-	0.5%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Walnut Rd. - TMC
Thu Apr 10, 2025
Full Length (7 AM-7 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Walnut Rd. - TMC

Thu Apr 10, 2025
AM Peak (7:15 AM - 8:15 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

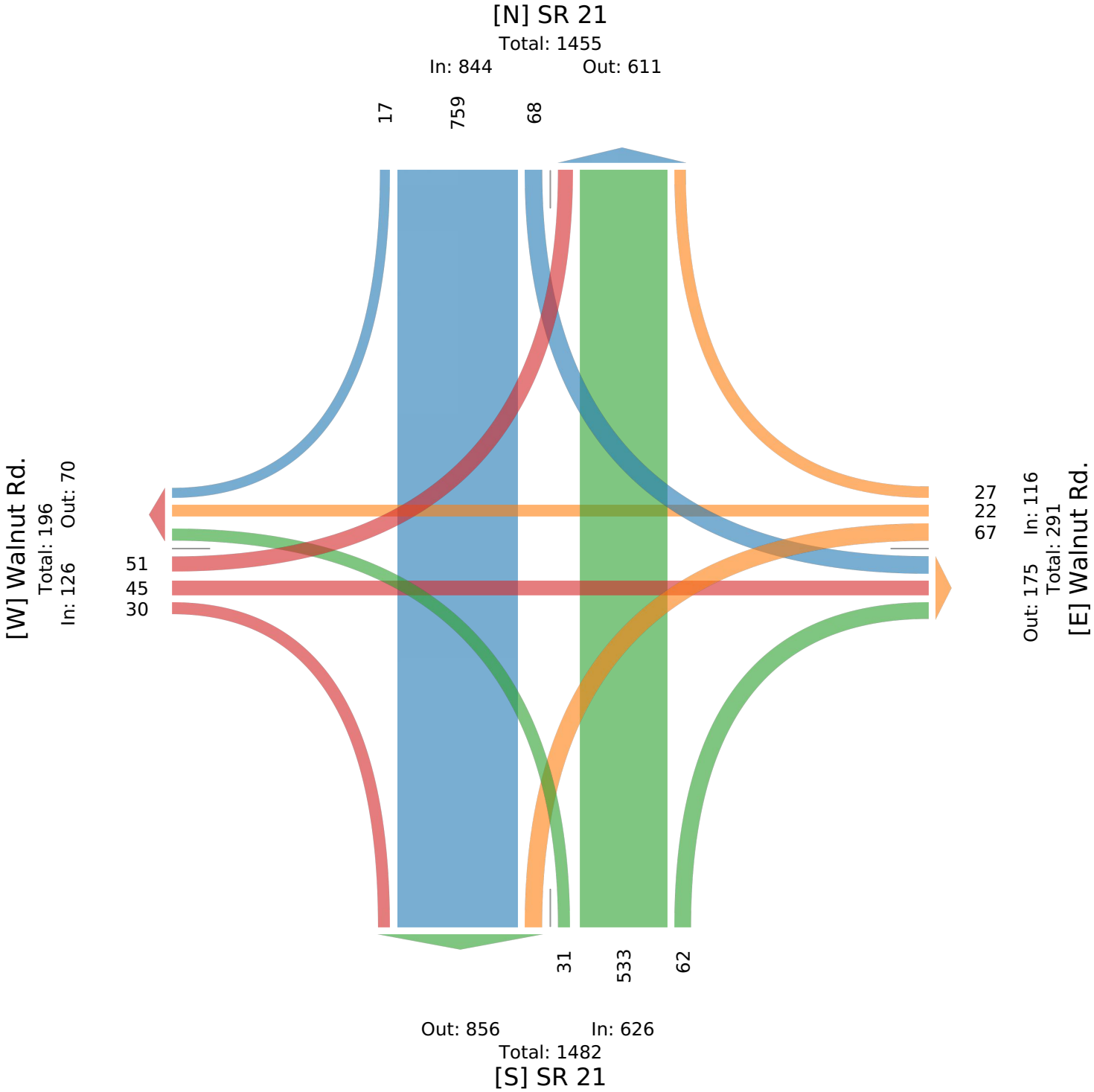
Leg	SR 21 Southbound						Walnut Rd. Westbound						SR 21 Northbound						Walnut Rd. Eastbound						
Direction																									
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 7:15AM	2	199	10	0	**211**	0	12	6	19	0	**37**	0	11	166	4	0	**181**	0	7	10	16	0	**33**	0	**462**
7:30AM	2	196	25	0	**223**	0	4	5	21	0	**30**	0	15	99	8	0	**122**	0	11	14	13	0	**38**	0	**413**
7:45AM	8	201	30	0	**239**	0	5	4	18	0	**27**	0	19	144	13	0	**176**	0	0	10	12	0	**22**	0	**464**
8:00AM	5	163	3	0	**171**	0	6	7	9	0	**22**	0	17	124	6	0	**147**	0	12	11	10	0	**33**	0	**373**
Total	17	759	68	0	**844**	0	27	22	67	0	**116**	0	62	533	31	0	**626**	0	30	45	51	0	**126**	0	**1712**
% Approach	2.0%	89.9%	8.1%	0%	**-**	-	23.3%	19.0%	57.8%	0%	**-**	-	9.9%	85.1%	5.0%	0%	**-**	-	23.8%	35.7%	40.5%	0%	**-**	-	-
% Total	1.0%	44.3%	4.0%	0%	**49.3%**	-	1.6%	1.3%	3.9%	0%	**6.8%**	-	3.6%	31.1%	1.8%	0%	**36.6%**	-	1.8%	2.6%	3.0%	0%	**7.4%**	-	-
PHF	0.531	0.944	0.567	-	**0.883**	-	0.563	0.786	0.798	-	**0.784**	-	0.816	0.803	0.596	-	**0.865**	-	0.625	0.804	0.797	-	**0.829**	-	0.922
Lights	17	705	65	0	**787**	-	24	22	64	0	**110**	-	58	462	26	0	**546**	-	30	41	50	0	**121**	-	1564
% Lights	100%	92.9%	95.6%	0%	**93.2%**	-	88.9%	100%	95.5%	0%	**94.8%**	-	93.5%	86.7%	83.9%	0%	**87.2%**	-	100%	91.1%	98.0%	0%	**96.0%**	-	91.4%
Single-Unit Trucks	0	26	1	0	**27**	-	0	0	1	0	**1**	-	0	39	3	0	**42**	-	0	2	0	0	**2**	-	72
% Single-Unit Trucks	0%	3.4%	1.5%	0%	**3.2%**	-	0%	0%	1.5%	0%	**0.9%**	-	0%	7.3%	9.7%	0%	**6.7%**	-	0%	4.4%	0%	0%	**1.6%**	-	4.2%
Articulated Trucks	0	27	1	0	**28**	-	2	0	1	0	**3**	-	4	27	1	0	**32**	-	0	1	0	0	**1**	-	64
% Articulated Trucks	0%	3.6%	1.5%	0%	**3.3%**	-	7.4%	0%	1.5%	0%	**2.6%**	-	6.5%	5.1%	3.2%	0%	**5.1%**	-	0%	2.2%	0%	0%	**0.8%**	-	3.7%
Buses	0	1	1	0	**2**	-	1	0	1	0	**2**	-	0	5	1	0	**6**	-	0	1	1	0	**2**	-	12
% Buses	0%	0.1%	1.5%	0%	**0.2%**	-	3.7%	0%	1.5%	0%	**1.7%**	-	0%	0.9%	3.2%	0%	**1.0%**	-	0%	2.2%	2.0%	0%	**1.6%**	-	0.7%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Walnut Rd. - TMC
Thu Apr 10, 2025
AM Peak (7:15 AM - 8:15 AM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

LOUKAS engineering
TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Walnut Rd. - TMC

Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

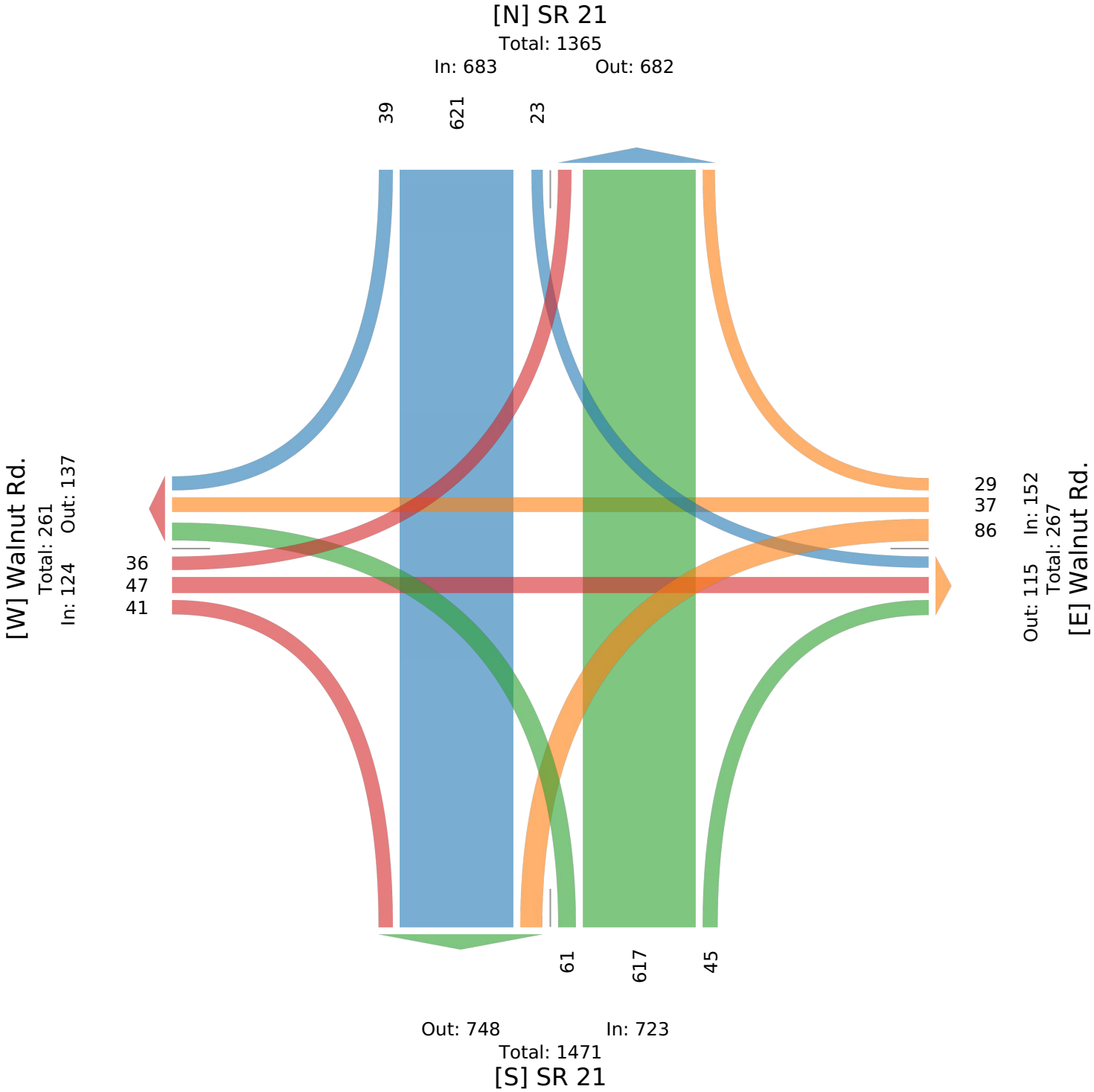
LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg / Direction	SR 21 Southbound						Walnut Rd. Westbound						SR 21 Northbound						Walnut Rd. Eastbound						
Time	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	R	T	L	U	**App**	Ped*	**Int**
2025-04-10 1:00PM	13	148	9	0	**170**	0	9	12	16	0	**37**	0	8	129	18	0	**155**	0	11	8	7	0	**26**	0	**388**
1:15PM	7	138	3	0	**148**	0	7	8	32	0	**47**	0	17	146	16	0	**179**	0	9	9	8	0	**26**	0	**400**
1:30PM	12	149	3	0	**164**	0	8	6	19	0	**33**	0	13	159	13	0	**185**	0	7	13	10	0	**30**	0	**412**
1:45PM	7	186	8	0	**201**	0	5	11	19	0	**35**	0	7	183	14	0	**204**	0	14	17	11	0	**42**	0	**482**
Total	39	621	23	0	**683**	0	29	37	86	0	**152**	0	45	617	61	0	**723**	0	41	47	36	0	**124**	0	**1682**
% Approach	5.7%	90.9%	3.4%	0%	**-**	-	19.1%	24.3%	56.6%	0%	**-**	-	6.2%	85.3%	8.4%	0%	**-**	-	33.1%	37.9%	29.0%	0%	**-**	-	-
% Total	2.3%	36.9%	1.4%	0%	**40.6%**	-	1.7%	2.2%	5.1%	0%	**9.0%**	-	2.7%	36.7%	3.6%	0%	**43.0%**	-	2.4%	2.8%	2.1%	0%	**7.4%**	-	-
PHF	0.750	0.835	0.639	-	**0.850**	-	0.806	0.771	0.672	-	**0.809**	-	0.662	0.843	0.847	-	**0.886**	-	0.732	0.691	0.818	-	**0.738**	-	0.872
Lights	39	561	23	0	**623**	-	26	36	84	0	**146**	-	42	547	61	0	**650**	-	41	44	35	0	**120**	-	1539
% Lights	100%	90.3%	100%	0%	**91.2%**	-	89.7%	97.3%	97.7%	0%	**96.1%**	-	93.3%	88.7%	100%	0%	**89.9%**	-	100%	93.6%	97.2%	0%	**96.8%**	-	91.5%
Single-Unit Trucks	0	28	0	0	**28**	-	1	1	1	0	**3**	-	2	25	0	0	**27**	-	0	2	1	0	**3**	-	61
% Single-Unit Trucks	0%	4.5%	0%	0%	**4.1%**	-	3.4%	2.7%	1.2%	0%	**2.0%**	-	4.4%	4.1%	0%	0%	**3.7%**	-	0%	4.3%	2.8%	0%	**2.4%**	-	3.6%
Articulated Trucks	0	27	0	0	**27**	-	2	0	0	0	**2**	-	1	42	0	0	**43**	-	0	0	0	0	**0**	-	72
% Articulated Trucks	0%	4.3%	0%	0%	**4.0%**	-	6.9%	0%	0%	0%	**1.3%**	-	2.2%	6.8%	0%	0%	**5.9%**	-	0%	0%	0%	0%	**0%**	-	4.3%
Buses	0	5	0	0	**5**	-	0	0	1	0	**1**	-	0	3	0	0	**3**	-	0	1	0	0	**1**	-	10
% Buses	0%	0.8%	0%	0%	**0.7%**	-	0%	0%	1.2%	0%	**0.7%**	-	0%	0.5%	0%	0%	**0.4%**	-	0%	2.1%	0%	0%	**0.8%**	-	0.6%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Walnut Rd. - TMC
Thu Apr 10, 2025
Midday Peak (1 PM - 2 PM)
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

LOUKAS engineering
TRAFFIC DATA & CONSULTING
Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US



SR 21 & Walnut Rd. - TMC

Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

LOUKAS engineering
TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg	SR 21						Walnut Rd.						SR 21						Walnut Rd.						
Direction	Southbound						Westbound						Northbound						Eastbound						
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	Int
2025-04-10 3:30PM	13	191	16	0	**220**	1	14	15	31	0	**60**	1	11	243	26	0	**280**	0	11	13	14	0	**38**	0	**598**
3:45PM	13	187	14	0	**214**	0	16	13	35	0	**64**	0	21	241	28	0	**290**	0	15	13	19	0	**47**	0	**615**
4:00PM	10	199	9	0	**218**	0	17	17	25	0	**59**	0	25	233	25	0	**283**	0	6	7	14	0	**27**	0	**587**
4:15PM	11	194	7	0	**212**	0	12	12	31	0	**55**	0	20	236	24	0	**280**	0	13	19	16	0	**48**	0	**595**
Total	47	771	46	0	**864**	1	59	57	122	0	**238**	1	77	953	103	0	**1133**	0	45	52	63	0	**160**	0	**2395**
% Approach	5.4%	89.2%	5.3%	0%	**-**	-	24.8%	23.9%	51.3%	0%	**-**	-	6.8%	84.1%	9.1%	0%	**-**	-	28.1%	32.5%	39.4%	0%	**-**	-	-
% Total	2.0%	32.2%	1.9%	0%	**36.1%**	-	2.5%	2.4%	5.1%	0%	**9.9%**	-	3.2%	39.8%	4.3%	0%	**47.3%**	-	1.9%	2.2%	2.6%	0%	**6.7%**	-	-
PHF	0.904	0.969	0.719	-	**0.982**	-	0.868	0.838	0.871	-	**0.930**	-	0.770	0.980	0.920	-	**0.977**	-	0.750	0.684	0.829	-	**0.833**	-	0.974
Lights	46	726	44	0	**816**	-	58	55	120	0	**233**	-	73	917	101	0	**1091**	-	44	48	63	0	**155**	-	2295
% Lights	97.9%	94.2%	95.7%	0%	**94.4%**	-	98.3%	96.5%	98.4%	0%	**97.9%**	-	94.8%	96.2%	98.1%	0%	**96.3%**	-	97.8%	92.3%	100%	0%	**96.9%**	-	95.8%
Single-Unit Trucks	0	20	1	0	**21**	-	1	0	0	0	**1**	-	2	18	2	0	**22**	-	1	0	0	0	**1**	-	45
% Single-Unit Trucks	0%	2.6%	2.2%	0%	**2.4%**	-	1.7%	0%	0%	0%	**0.4%**	-	2.6%	1.9%	1.9%	0%	**1.9%**	-	2.2%	0%	0%	0%	**0.6%**	-	1.9%
Articulated Trucks	0	23	1	0	**24**	-	0	0	2	0	**2**	-	2	17	0	0	**19**	-	0	0	0	0	**0**	-	45
% Articulated Trucks	0%	3.0%	2.2%	0%	**2.8%**	-	0%	0%	1.6%	0%	**0.8%**	-	2.6%	1.8%	0%	0%	**1.7%**	-	0%	0%	0%	0%	**0%**	-	1.9%
Buses	1	2	0	0	**3**	-	0	2	0	0	**2**	-	0	1	0	0	**1**	-	0	4	0	0	**4**	-	10
% Buses	2.1%	0.3%	0%	0%	**0.3%**	-	0%	3.5%	0%	0%	**0.8%**	-	0%	0.1%	0%	0%	**0.1%**	-	0%	7.7%	0%	0%	**2.5%**	-	0.4%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 21 & Walnut Rd. - TMC
Thu Apr 10, 2025
PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour
All Classes (Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road)
All Movements
ID: 1286446, Location: 40.787934, -81.522187

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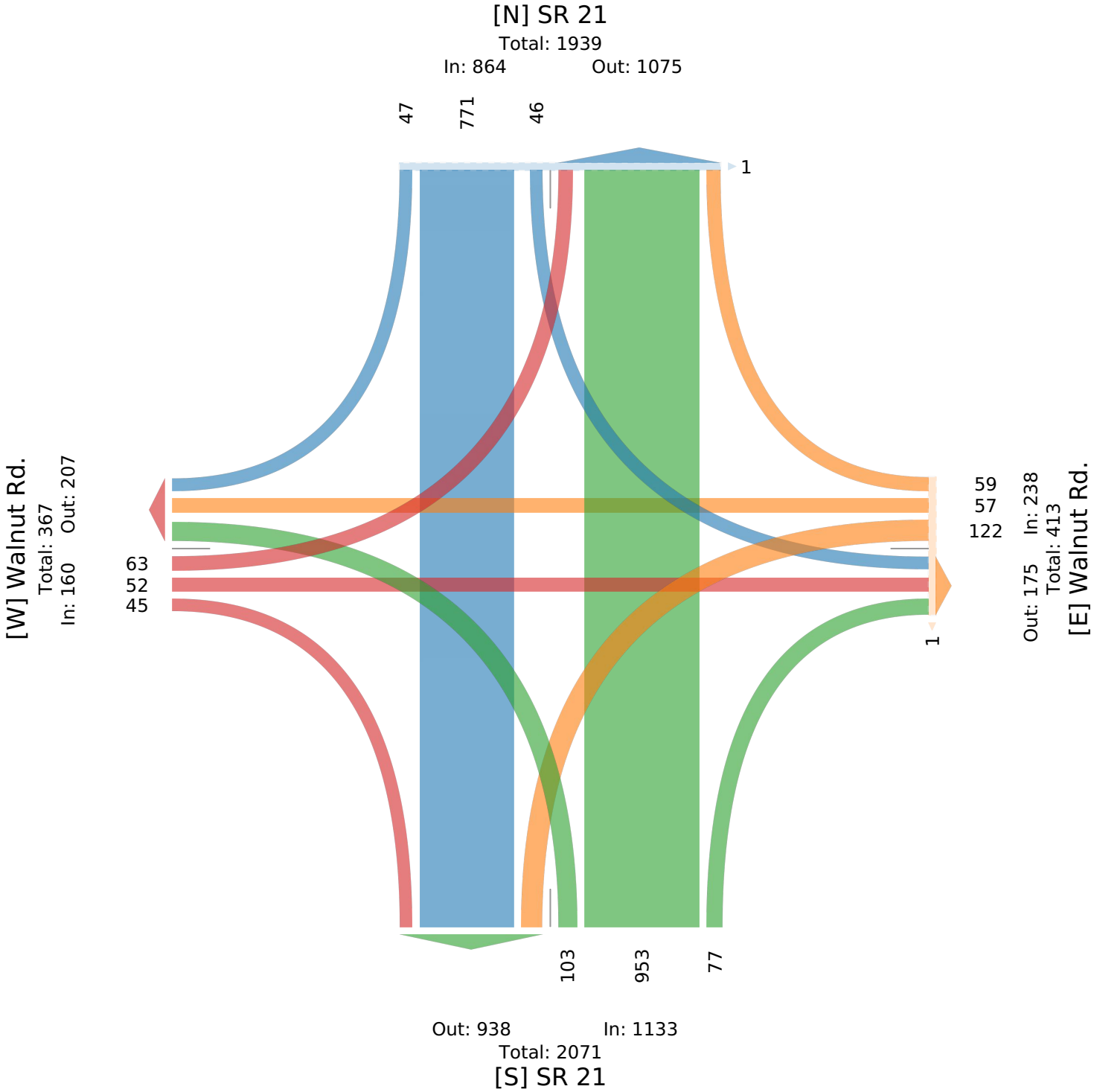

Attachment B

Collision Diagrams

Date/Hour/Light Condition/Roadway Condition/Severity
Light Condition:
N = Night
D= Day
Roadway Condition:
W = Wet
D = Dry
S = Snow
I = Ice
Severity:
P = Property Damage Only
I = Injury
F = Fatal

Legend:

Symbols	Types of Collisions
Other	Rear End
Backing Vehicle	Head On
Pedestrian	Side-Swipe Passing
Parked Vehicle	Side-Swipe Meeting
Fixed Object	Out-of-Control
Fatal Crash	Angle
Injury Crash	Angle
Signal	Left Turn
Street Name	Right Turn
Stop Sign	Right Turn
Animal	

SR 21

LAKE AVE NW

KARCHER ST NW

HI-WAY TIRE SHOP

MARATHON

STOP

06-10-22/11/D/D/P
01-23-22/08/D/S/P
01-22-23/10/D/D/I
01-04-24/09/D/D/P
03-11-24/08/D/D/P
01-22-24/09/D/D/P
04-02-24/09/D/W/P
06-13-22/01/D/D/P
09-20-22/17/D/D/P
09-15-24/18/D/D/P
01-04-24/13/D/D/P
08-30-24/15/D/D/P
02-07-23/07/D/D/P
06-28-23/18/D/D/P
04-18-24/17/D/D/I
02-03-22/06/N/S/P
04-20-23/18/D/D/P
04-25-24/09/D/D/P
05-02-22/17/D/D/P
01-10-22/16/D/D/P
01-09-24/19/N/D/P
06-21-24/11/D/D/P
06-14-23/16/D/D/P
07-06-23/20/N/D/P
01-09-23/07/D/D/P
07-08-24/07/D/D/P
07-01-24/15/D/D/P
03-21-24/07/N/D/P
12-07-23/09/D/D/P
07-28-23/14/D/D/P
04-03-23/16/D/D/P
12-05-22/08/D/D/P
08-28-22/15/D/D/P
08-11-22/13/D/D/P
05-31-22/11/D/D/P
05-21-22/11/D/D/P
03-28-22/15/D/W/P
08-15-23/19/N/D/P
11-03-23/13/D/D/I
08-29-23/15/D/D/P
02-22-24/17/N/D/P
02-06-24/01/D/D/P
11-26-24/18/N/D/P
07-24-23/17/D/D/P
06-20-23/07/D/D/P
06-08-22/16/D/D/P
05-18-22/09/D/D/P
09-20-22/16/D/D/P
12-24-22/10/D/D/P
06-10-22/17/D/D/P
01-27-22/16/D/W/I
01-13-22/08/D/D/P
04-03-23/19/D/D/P
06-01-23/17/D/D/I
09-21-23/23/N/D/P
12-15-23/01/D/D/P
02-05-24/19/N/D/P
02-09-24/14/D/D/P
06-07-24/08/D/D/P
07-19-24/08/D/D/P
09-25-23/10/D/D/I
05-16-23/15/D/D/P
07-26-23/17/D/D/P
11-09-23/10/D/D/I
10-09-24/11/D/D/P

AMERICAN STRUCTUREPOINT INC.

NOT TO SCALE

ANALYST SP
DATE 05/22/25

SR 21 to 1st
COLLISION DIAGRAM

SAFETY STDUY

1
2

Date/Hour/Light Condition/Roadway Condition/Severity

Light Condition:
- N = Night
- D= Day

Roadway Condition:
- W = Wet
- D = Dry
- S = Snow
- I = Ice

Severity:
- P = Property Damage Only
- I = Injury
- F = Fatal

Legend:

Symbols	Types of Collisions
Other	Rear End
Backing Vehicle	Head On
Pedestrian	Side-Swipe Passing
Parked Vehicle	Side-Swipe Meeting
Fixed Object	Out-of-Control
Fatal Crash	Angle
Injury Crash	Angle
Signal	Left Turn
Street Name	Right Turn
Stop Sign	Right Turn
Animal	

JANICE ST NE

KEUPER BLVD NE

LAKE AVE NE

Meiner Ct NE

2 ND ST NE

3 RD ST NE

STOP

01-27-23/14/D/D/I

10-14-22/08/D/D/P

09-25-23/14/D/D/P

12-26-22/15/D/S/P

05-26-24/13/D/D/I

07-11-24/10/D/D/P

05-22-23/19/N/D/P

02-22-24/19/D/D/P

12-19-22/15/D/S/P

Near

NOT TO SCALE

ANALYST SP

DATE 05/22/25

1ST NE to AHMERST
COLLISION DIAGRAM

SAFETY STUDY

2
2

1st to Amhrest

AMERICAN STRUCTUREPOINT INC.

Date/Hour/Light Condition/Roadway Condition/Severity
Light Condition:
N = Night
D= Day
Roadway Condition:
W = Wet
D = Dry
S = Snow
I = Ice
Severity:
P = Property Damage Only
I = Injury
F = Fatal

Legend:

Symbols
- Other
- Backing Vehicle
- Pedestrian
- Parked Vehicle
- Fixed Object
- Fatal Crash
- Injury Crash
- Signal
- Street Name (Street)
- Stop Sign (STOP)
- Animal

Types of Collisions
- Rear End
- Head On
- Side-Swipe Passing
- Side-Swipe Meeting
- Out-of-Control
- Angle
- Angle
- Left Turn
- Right Turn
- Right Turn

N

NOT TO SCALE
0

ANALYST SP
DATE 05/19/25

SR 21 & CHERRY ROAD
COLLISION DIAGRAM

SAFETY STDUY

1 of 1

AMERICAN STRUCTUREPOINT INC.

SR 21
CHERRY RD NW
DOLLAR GENERAL
CHERRY RD NW
REGAL MASSILLON
SR 21

07-08-24/15/D/D/P
10-14-24/17/D/D/P
02-12-24/17/D/D/P
09-11-23/10/D/D/P
07-24-23/14/D/D/I
04-21-23/18/D/W/P
11-21-22/09/D/D/P
11-06-22/12/D/D/P
07-20-22/10/D/D/P
12-12-23/01/D/D/I
12-12-23/07/D/D/I
01-11-23/12/D/D/P
06-02-22/06/D/D/P
02-18-22/17/D/D/P
08-30-24/13/D/D/P
12-05-23/08/D/D/P
10-20-23/14/D/W/P
03-07-22/18/D/W/P
11-14-23/12/D/D/P
04-25-23/21/N/D/I
11-09-23/08/D/D/I
09-19-23/10/N/D/P
08-26-24/13/N/D/P
08-26-24/13/N/D/P
01-02-22/16/D/D/P
10-28-23/20/N/D/P
01-09-24/20/N/D/P
02-29-24/02/N/D/P
05-30-24/14/D/D/P
08-09-24/22/N/D/P
09-12-24/17/D/D/P
11-17-23/14/D/W/P
04-14-23/01/D/D/P

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Backing Vehicle	Head On
Pedestrian	Side-Swipe Passing
Parked Vehicle	Side-Swipe Meeting
Fixed Object	Out-of-Control
Fatal Crash	Angle
Injury Crash	Angle
Signal	Left Turn
Street Name	Right Turn
Stop Sign	Right Turn
Animal	

SR 21

DUNKIN'

LILLIAN GISH BLVD

BUFFALO WILD WINGS

THE HEALTH PLAN

SR 21

10-24-24/21/N/D/I
02-01-24/17/D/D/P
02-01-24/17/D/D/P
06-27-23/13/D/D/P

08-31-23/21/D/D/P

01-25-23/05/N/S/P

12-13-24/09/D/D/I
03-23-23/10/D/W/I

09-01-24/18/D/W/P
12-23-23/14/D/W/I
06-16-23/19/D/D/I
08-31-22/07/D/D/P
05-26-22/11/D/W/P
01-18-22/14/D/S/P

11-05-23/12/D/D/P
06-06-23/07/D/D/P
03-21-23/11/D/W/P
03-03-23/16/D/W/P

NOT TO SCALE

ANALYST SP
DATE 05/20/25

SR 21 & LILLIAN GISH BLVD
COLLISION DIAGRAM

SAFETY STDUY

1 1

AMERICAN STRUCTUREPOINT INC.

SR 21 & WALNUT ROAD
COLLISION DIAGRAM

SAFETY STDUY

1 of 1

ANALYST: SP
DATE: 05/19/25

0 NOT TO SCALE

Date/Hour/Light Condition/Roadway Condition/Severity

Light Condition:
- N = Night
- D= Day

Roadway Condition:
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- D = Dry
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Legend:

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Parked Vehicle	Side-Swipe Meeting
Fixed Object	Out-of-Control
Fatal Crash	Angle
Injury Crash	Angle
Signal	Left Turn
Street Name	Right Turn
Stop Sign	Right Turn
Animal	

WALNUT RD SW

SR 21

01-19-24/21/N/S/P
08-19-24/07/D/D/P
08-19-24/07/D/D/P
06-12-22/15/D/D/P
09-14-22/14/D/D/I
10-20-22/15/D/D/P
05-12-23/10/D/D/P
11-08-24/22/D/D/P
03-31-22/07/D/W/I
02-03-22/07/D/I/P
04-18-22/10/D/W/P
08-19-23/11/D/D/P
06-26-23/16/D/W/P
11-08-24/17/D/D/P
06-19-24/09/D/D/P
09-14-22/20/N/D/P
05-21-23/22/N/D/I
05-21-23/22/N/D/I
12-25-23/22/N/D/P
06-19-24/12/D/D/I
01-09-24/09/D/S/I
06-19-24/18/D/D/P
06-06-24/12/D/D/P
05-06-24/11/D/D/P
05-28-23/15/D/D/P
04-27-23/16/D/D/P
10-18-22/19/D/D/P

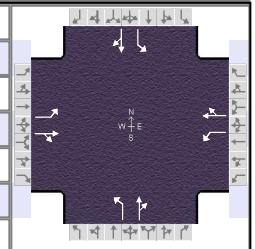
AMERICAN STRUCTUREPOINT INC.

Attachment C

HCS Intersection Capacity Analysis Printouts

HCS Signalized Intersection Results Summary

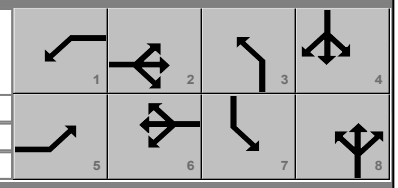
General Information				Intersection Information	
Agency	ASI			Duration, h	0.250
Analyst	CJD	Analysis Date	May 30, 2025	Area Type	Other
Jurisdiction	City of Massillon	Time Period	AM Peak Hour	PHF	0.94
Urban Street	Lake Avenue Corridor	Analysis Year	2048	Analysis Period	1> 7:00
Intersection	Lake Avenue / Amherst…	File Name	Lake and Amherst AM.xus		
Project Description	STA - 21 - 10.46 Traffic Analysis				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	60	410	10	60	330	30	30	100	60	40	120	90

Signal Information			
Cycle, s	62.3	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	Yes	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	4.7	20.0	3.0	0.7	10.0	0.0	
Yellow	4.0	4.0	4.0	0.0	4.0	0.0	
Red	2.0	2.0	2.0	0.0	2.0	0.0	



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase	5	2	1	6	3	8	7	4
Case Number	1.1	4.0	1.1	4.0	1.1	4.0	1.1	4.0
Phase Duration, s	10.7	26.0	10.7	26.0	9.0	16.0	9.7	16.7
Change Period, ($Y+R_c$), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Max Allow Headway (*MAH*), s	3.1	3.0	3.1	3.0	3.1	3.2	3.1	3.2
Queue Clearance Time (g_s), s	3.4	15.1	3.4	12.9	2.9	7.5	3.2	9.5
Green Extension Time (g_e), s	0.1	1.6	0.1	1.6	0.0	0.7	0.0	0.7
Phase Call Probability	0.67	1.00	0.67	1.00	0.42	1.00	0.52	1.00
Max Out Probability	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	5	2	12	1	6	16	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	64	447		64	383		32	170		43	223	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	1810	1892		1810	1872		1810	1780		1810	1764	
Queue Service Time (g_s), s	1.4	13.1		1.4	10.9		0.9	5.5		1.2	7.5	
Cycle Queue Clearance Time (g_c), s	1.4	13.1		1.4	10.9		0.9	5.5		1.2	7.5	
Green Ratio (*g/C*)	0.40	0.32		0.40	0.32		0.21	0.16		0.22	0.17	
Capacity (*c*), veh/h	367	607		327	601		224	285		310	302	
Volume-to-Capacity Ratio (*X*)	0.174	0.736		0.195	0.638		0.142	0.596		0.137	0.740	
Back of Queue (*Q*), ft/ln (95 th percentile)	22	223		22	190		16	100		21	134	
Back of Queue (*Q*), veh/ln (95 th percentile)	0.9	8.9		0.9	7.6		0.6	4.0		0.8	5.4	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.16	0.27		0.13	0.40		0.16	0.41		0.05	0.35	
Uniform Delay (d_1), s/veh	13.2	18.8		13.7	18.1		20.5	24.3		19.7	24.5	
Incremental Delay (d_2), s/veh	0.1	0.7		0.1	0.4		0.1	0.7		0.1	1.3	
Initial Queue Delay (d_3), s/veh	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Control Delay (*d*), s/veh	13.3	19.5		13.9	18.5		20.6	25.0		19.8	25.9	
Level of Service (LOS)	B	B		B	B		C	C		B	C	
Approach Delay, s/veh / LOS	18.7	B		17.8	B		24.4	C		24.9	C	
Intersection Delay, s/veh / LOS	20.4						C					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.90	B	1.90	B	1.92	B	1.92	B
Bicycle LOS Score / LOS	1.33	A	1.22	A	0.82	A	0.93	A

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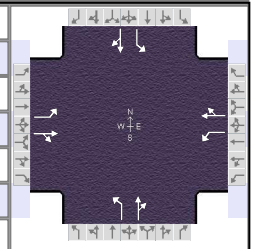
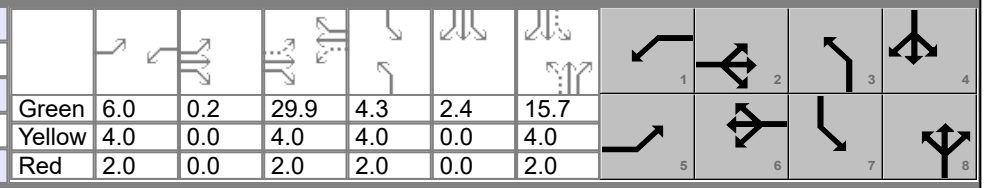
HCS Signalized Intersection Results Summary

General Information				Intersection Information	
Agency	ASI			Duration, h	0.250
Analyst	CJD	Analysis Date	May 30, 2025	Area Type	Other
Jurisdiction	City of Massillon	Time Period	PM Peak Hour	PHF	0.97
Urban Street	Lake Avenue Corridor	Analysis Year	2048	Analysis Period	1> 7:00
Intersection	Lake Avenue / Amherst…	File Name	Lake and Amherst PM.xus		
Project Description	STA - 21 - 10.46 Traffic Analysis				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	90	430	30	80	520	70	40	220	60	130	190	110

Signal Information			
Cycle, s	82.4	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	Yes	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On



Green	6.0	0.2	29.9	4.3	2.4	15.7						
Yellow	4.0	0.0	4.0	4.0	0.0	4.0						
Red	2.0	0.0	2.0	2.0	0.0	2.0						

Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase	5	2	1	6	3	8	7	4
Case Number	1.1	4.0	1.1	4.0	1.1	4.0	1.1	4.0
Phase Duration, s	12.2	36.1	12.0	35.9	10.3	21.7	12.7	24.0
Change Period, ($Y+R_c$), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Max Allow Headway (*MAH*), s	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Queue Clearance Time (g_s), s	4.5	19.7	4.2	27.5	3.5	14.5	6.8	15.5
Green Extension Time (g_e), s	0.1	2.2	0.1	2.2	0.0	1.1	0.1	1.1
Phase Call Probability	0.88	1.00	0.85	1.00	0.61	1.00	0.95	1.00
Max Out Probability	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	5	2	12	1	6	16	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	93	474		82	608		41	289		134	309	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	1810	1878		1810	1860		1810	1829		1810	1782	
Queue Service Time (g_s), s	2.5	17.7		2.2	25.5		1.5	12.5		4.8	13.5	
Cycle Queue Clearance Time (g_c), s	2.5	17.7		2.2	25.5		1.5	12.5		4.8	13.5	
Green Ratio (*g/C*)	0.44	0.37		0.44	0.36		0.24	0.19		0.27	0.22	
Capacity (*c*), veh/h	267	687		338	675		216	348		277	391	
Volume-to-Capacity Ratio (*X*)	0.347	0.691		0.244	0.901		0.191	0.829		0.484	0.792	
Back of Queue (*Q*), ft/ln (95 th percentile)	44	295		39	403		27	233		90	240	
Back of Queue (*Q*), veh/ln (95 th percentile)	1.8	11.8		1.5	16.1		1.1	9.3		3.6	9.6	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.31	0.36		0.23	0.85		0.27	0.97		0.24	0.63	
Uniform Delay (d_1), s/veh	18.2	22.2		16.3	24.9		25.3	32.1		24.7	30.4	
Incremental Delay (d_2), s/veh	0.3	0.5		0.1	1.9		0.2	2.0		0.5	1.4	
Initial Queue Delay (d_3), s/veh	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Control Delay (*d*), s/veh	18.5	22.7		16.4	26.7		25.5	34.1		25.2	31.8	
Level of Service (LOS)	B	C		B	C		C	C		C	C	
Approach Delay, s/veh / LOS	22.0	C		25.5	C		33.0	C		29.8	C	
Intersection Delay, s/veh / LOS	26.7						C					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.91	B	1.91	B	1.93	B	1.93	B
Bicycle LOS Score / LOS	1.42	A	1.63	B	1.03	A	1.22	A

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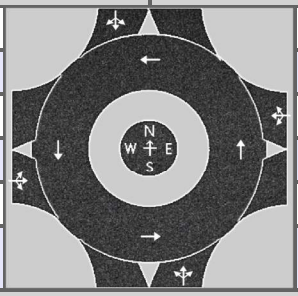
HCS Roundabouts Report

General Information

Analyst	CJD
Agency or Co.	ASI
Date Performed	5/13/2025
Analysis Year	2048
Time Analyzed	AM Peak Hour
Project Description	STA - 21 - 10.46



Site Information

Intersection	Lake Avenue / Amherst Road
E/W Street Name	Lake Avenue
N/S Street Name	Amherst Road
Analysis Time Period, hrs	0.25
Peak Hour Factor	0.94
Jurisdiction	Massillon

Volume Adjustments and Site Characteristics

Approach	EB				WB				NB				SB			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Number of Lanes (N)	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0
Lane Assignment			LTR				LTR				LTR				LTR	
Volume (V), veh/h	0	60	410	10	0	60	330	30	0	30	100	60	0	40	120	90
Percent Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Flow Rate (v_{PCE}), pc/h	0	66	449	11	0	66	362	33	0	33	110	66	0	44	131	99
Right-Turn Bypass	None				None				None				None			
Conflicting Lanes	1				1				1				1			
Pedestrians Crossing, p/h	0				0				0				0			
Proportion of CAVs, %	0															

Critical and Follow-Up Headway Adjustment

Approach	EB			WB			NB			SB		
Lane	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass
Critical Headway, s		4.9763			4.9763			4.9763			4.9763	
Follow-Up Headway, s		2.6087			2.6087			2.6087			2.6087	

Flow Computations, Capacity and v/c Ratios

Approach	EB			WB			NB			SB		
Lane	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass
Entry Flow (v_e), pc/h		526			461			209			274	
Entry Volume, veh/h		511			448			203			266	
Circulating Flow (v_c), pc/h	241			209			559			461		
Exiting Flow (v_{ex}), pc/h	559			494			209			208		
Capacity (c_{pce}), pc/h		1079			1115			780			862	
Capacity (c), veh/h		1048			1083			758			837	
v/c Ratio (x)		0.49			0.41			0.27			0.32	

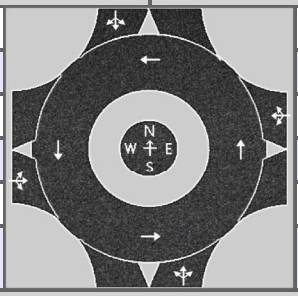
Delay and Level of Service

Approach	EB			WB			NB			SB		
Lane	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass
Lane Control Delay (d), s/veh		9.1			7.7			7.8			7.9	
Lane LOS		A			A			A			A	
95% Queue Length, Q_{95} (veh)		2.7			2.1			1.1			1.4	
95% Queue Length, Q_{95} (ft)		69.1			53.8			28.2			35.8	
Approach Delay, s/veh | LOS	9.1	A		7.7	A		7.8	A		7.9	A	
Intersection Delay, s/veh | LOS	8.3						A					

HCS Roundabouts Report

General Information

Analyst	CJD
Agency or Co.	ASI
Date Performed	5/13/2025
Analysis Year	2048
Time Analyzed	PM Peak Hour
Project Description	STA - 21 - 10.46



Site Information

Intersection	Lake Avenue / Amherst Road
E/W Street Name	Lake Avenue
N/S Street Name	Amherst Road
Analysis Time Period, hrs	0.25
Peak Hour Factor	0.97
Jurisdiction	Massillon

Volume Adjustments and Site Characteristics

Approach	EB				WB				NB				SB			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Number of Lanes (N)	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0
Lane Assignment			LTR				LTR				LTR				LTR	
Volume (V), veh/h	0	90	430	30	0	80	520	70	0	40	220	60	0	130	190	110
Percent Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Flow Rate (v_{PCE}), pc/h	0	96	457	32	0	85	552	74	0	42	234	64	0	138	202	117
Right-Turn Bypass	None				None				None				None			
Conflicting Lanes	1				1				1				1			
Pedestrians Crossing, p/h	0				0				0				0			
Proportion of CAVs, %	0															

Critical and Follow-Up Headway Adjustment

Approach	EB			WB			NB			SB		
Lane	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass
Critical Headway, s		4.9763			4.9763			4.9763			4.9763	
Follow-Up Headway, s		2.6087			2.6087			2.6087			2.6087	

Flow Computations, Capacity and v/c Ratios

Approach	EB			WB			NB			SB		
Lane	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass
Entry Flow (v_e), pc/h		585			711			340			457	
Entry Volume, veh/h		568			690			330			444	
Circulating Flow (v_c), pc/h	425			372			691			679		
Exiting Flow (v_{ex}), pc/h	659			711			404			319		
Capacity (c_{pce}), pc/h		895			944			682			690	
Capacity (c), veh/h		869			917			662			670	
v/c Ratio (x)		0.65			0.75			0.50			0.66	

Delay and Level of Service

Approach	EB			WB			NB			SB		
Lane	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass	Left	Right	Bypass
Lane Control Delay (d), s/veh		14.9			18.6			13.2			18.6	
Lane LOS		B			C			B			C	
95% Queue Length, Q_{95} (veh)		5.0			7.3			2.8			5.0	
95% Queue Length, Q_{95} (ft)		128.0			186.9			71.7			128.0	
Approach Delay, s/veh | LOS	14.9	B		18.6	C		13.2	B		18.6	C	
Intersection Delay, s/veh | LOS	16.7						C					

Attachment D

TransModeler Intersection Capacity Analysis Printouts

Build Alternate 1

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM	1	102.0	1.40	49.5	D
7:15 AM	Avg	--	--	45.8	D

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM					--

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM					--

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262156							
7:15 AM	1	30.0	4.2	0.2	19.0	1.0	0.0%
7:15 AM	2	30.0	3.1	0.2	18.9	1.0	0.0%
7:15 AM	3	30.0	2.4	0.2	14.3	1.0	0.0%
7:15 AM	4	30.0	3.7	0.2	19.8	1.0	0.0%
7:15 AM	5	30.0	3.5	0.2	18.8	1.0	0.0%
7:15 AM	6	30.0	6.4	0.3	33.5	1.0	0.0%
7:15 AM	7	30.0	4.3	0.3	18.2	1.0	0.0%
7:15 AM	8	30.0	4.0	0.2	17.8	1.0	0.0%
7:15 AM	9	30.0	2.2	0.1	16.3	1.0	0.0%
7:15 AM	10	30.0	3.0	0.2	16.4	1.0	0.0%
7:30 AM	1	30.0	3.6	0.2	19.2	1.0	0.0%
7:30 AM	2	30.0	4.0	0.2	17.5	1.0	0.0%
7:30 AM	3	30.0	5.1	0.4	16.4	1.0	0.0%
7:30 AM	4	30.0	2.9	0.2	18.7	1.0	0.0%
7:30 AM	5	30.0	5.8	0.3	20.4	1.0	0.0%
7:30 AM	6	30.0	4.9	0.2	25.9	1.0	0.0%
7:30 AM	7	30.0	7.0	0.4	17.2	1.0	0.0%
7:30 AM	8	30.0	3.1	0.2	20.2	1.0	0.0%
7:30 AM	9	30.0	4.4	0.3	18.0	1.0	0.0%
7:30 AM	10	30.0	2.7	0.2	16.3	1.0	0.0%
7:45 AM	1	30.0	3.1	0.2	17.6	1.0	0.0%
7:45 AM	2	30.0	1.1	0.1	8.7	0.5	0.0%
7:45 AM	3	30.0	7.2	0.4	17.9	1.0	0.0%
7:45 AM	4	30.0	1.1	0.1	8.3	0.5	0.0%
7:45 AM	5	30.0	2.6	0.2	16.1	1.0	0.0%
7:45 AM	6	30.0	2.5	0.1	18.5	1.0	0.0%
7:45 AM	7	30.0	3.3	0.2	17.1	1.0	0.0%
7:45 AM	8	30.0	1.6	0.1	15.6	1.0	0.0%
7:45 AM	9	30.0	3.3	0.2	17.2	1.0	0.0%
7:45 AM	10	30.0	3.8	0.2	16.9	1.0	0.0%
8:00 AM	1	29.0	7.6	0.4	19.2	1.0	0.0%
8:00 AM	2	29.0	4.5	0.3	18.6	1.0	0.0%
8:00 AM	3	29.0	2.2	0.1	16.8	1.0	0.0%
8:00 AM	4	29.0	3.4	0.2	16.3	1.0	0.0%
8:00 AM	5	29.0	4.5	0.2	25.9	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	4.1	0.2	20.3	1.0	0.0%
8:00 AM	7	29.0	2.9	0.2	17.1	1.0	0.0%
8:00 AM	8	29.0	5.6	0.3	18.1	1.0	0.0%
8:00 AM	9	29.0	4.0	0.1	33.4	1.0	0.0%
8:00 AM	10	29.0	5.3	0.3	18.2	1.0	0.0%
7:15 AM	Avg	30.0	3.7	0.2	19.3	1.0	0.0%
7:30 AM	Avg	30.0	4.4	0.3	19.0	1.0	0.0%
7:45 AM	Avg	30.0	3.0	0.2	15.4	0.9	0.0%
8:00 AM	Avg	29.0	4.4	0.2	20.4	1.0	0.0%
EB TR on LAKE AVE NW - Lane ID 262157							
7:15 AM	1	30.0	105.2	4.0	286.0	10.6	0.0%
7:15 AM	2	30.0	131.1	4.4	391.8	14.0	0.0%
7:15 AM	3	30.0	94.0	3.6	301.9	9.5	0.0%
7:15 AM	4	30.0	147.4	5.6	327.7	12.1	0.0%
7:15 AM	5	30.0	107.6	4.1	249.3	9.0	0.0%
7:15 AM	6	30.0	122.7	4.7	320.4	11.5	0.0%
7:15 AM	7	30.0	92.3	3.5	249.2	9.0	0.0%
7:15 AM	8	30.0	116.3	4.1	282.0	9.5	0.0%
7:15 AM	9	30.0	96.1	3.7	243.8	9.0	0.0%
7:15 AM	10	30.0	172.1	6.1	392.5	14.0	0.0%
7:30 AM	1	30.0	82.5	3.1	221.9	8.0	0.0%
7:30 AM	2	30.0	86.1	3.2	238.4	8.5	0.0%
7:30 AM	3	30.0	123.1	4.7	290.6	10.5	0.0%
7:30 AM	4	30.0	99.3	3.8	248.0	9.0	0.0%
7:30 AM	5	30.0	135.5	4.7	333.1	11.0	0.0%
7:30 AM	6	30.0	222.3	8.2	530.8	19.5	0.0%
7:30 AM	7	30.0	134.6	5.0	298.9	11.5	0.0%
7:30 AM	8	30.0	113.0	4.2	302.1	10.5	0.0%
7:30 AM	9	30.0	162.9	5.9	380.4	13.5	0.0%
7:30 AM	10	30.0	162.8	5.7	441.4	14.1	0.0%
7:45 AM	1	30.0	171.0	6.3	432.1	15.5	0.0%
7:45 AM	2	30.0	100.9	3.7	243.6	9.0	0.0%
7:45 AM	3	30.0	96.0	3.7	235.9	9.0	0.0%
7:45 AM	4	30.0	136.8	5.4	330.9	13.2	0.0%
7:45 AM	5	30.0	119.9	4.3	283.2	9.5	0.0%
7:45 AM	6	30.0	124.0	4.6	278.5	10.0	0.0%
7:45 AM	7	30.0	107.6	4.2	278.4	10.5	0.0%
7:45 AM	8	30.0	187.4	6.7	523.6	18.1	0.0%
7:45 AM	9	30.0	90.6	3.4	240.7	9.0	0.0%
7:45 AM	10	30.0	72.7	2.8	243.6	9.0	0.0%
8:00 AM	1	29.0	110.1	4.0	277.3	9.2	0.0%
8:00 AM	2	29.0	83.7	2.9	266.9	8.6	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	86.0	3.2	250.9	9.6	0.0%
8:00 AM	4	29.0	77.0	3.0	223.4	8.0	0.0%
8:00 AM	5	29.0	102.1	3.8	326.0	11.6	0.0%
8:00 AM	6	29.0	109.7	4.1	371.1	13.0	0.0%
8:00 AM	7	29.0	121.9	4.5	337.3	11.8	0.0%
8:00 AM	8	29.0	139.1	5.3	301.3	10.6	0.0%
8:00 AM	9	29.0	88.5	3.4	216.4	9.6	0.0%
8:00 AM	10	29.0	89.8	3.2	265.5	9.0	0.0%
7:15 AM	Avg	30.0	118.5	4.4	304.5	10.8	0.0%
7:30 AM	Avg	30.0	132.2	4.9	328.6	11.6	0.0%
7:45 AM	Avg	30.0	120.7	4.5	309.1	11.3	0.0%
8:00 AM	Avg	29.0	100.8	3.7	283.6	10.1	0.0%
NWB L on GREAT LAKES BLVD NW - Lane ID 262214							
7:15 AM	1	30.0	4.3	0.3	17.1	1.0	0.0%
7:15 AM	2	30.0	2.9	0.2	17.6	1.0	0.0%
7:15 AM	3	30.0	6.6	0.4	16.8	1.0	0.0%
7:15 AM	4	30.0	3.8	0.2	16.9	1.0	0.0%
7:15 AM	5	30.0	5.4	0.3	27.6	1.0	0.0%
7:15 AM	6	30.0	4.3	0.3	16.9	1.0	0.0%
7:15 AM	7	30.0	5.4	0.3	22.6	1.0	0.0%
7:15 AM	8	30.0	3.7	0.2	16.0	1.0	0.0%
7:15 AM	9	30.0	4.3	0.2	18.5	1.0	0.0%
7:15 AM	10	30.0	5.3	0.3	18.9	1.0	0.0%
7:30 AM	1	30.0	4.3	0.3	17.1	1.0	0.0%
7:30 AM	2	30.0	6.4	0.4	19.4	1.0	0.0%
7:30 AM	3	30.0	5.0	0.3	18.6	1.0	0.0%
7:30 AM	4	30.0	2.8	0.2	17.2	1.0	0.0%
7:30 AM	5	30.0	5.3	0.3	29.0	1.5	0.0%
7:30 AM	6	30.0	6.4	0.3	32.7	1.5	0.0%
7:30 AM	7	30.0	5.7	0.3	26.6	1.0	0.0%
7:30 AM	8	30.0	3.6	0.2	16.1	1.0	0.0%
7:30 AM	9	30.0	5.4	0.3	16.6	1.0	0.0%
7:30 AM	10	30.0	11.9	0.5	47.8	1.5	0.0%
7:45 AM	1	30.0	10.3	0.2	69.4	1.0	0.0%
7:45 AM	2	30.0	5.4	0.3	26.6	1.0	0.0%
7:45 AM	3	30.0	4.1	0.3	17.3	1.0	0.0%
7:45 AM	4	30.0	4.7	0.3	15.3	1.0	0.0%
7:45 AM	5	30.0	4.9	0.3	17.0	1.0	0.0%
7:45 AM	6	30.0	6.9	0.4	21.0	1.0	0.0%
7:45 AM	7	30.0	8.6	0.4	38.6	1.5	0.0%
7:45 AM	8	30.0	6.6	0.4	19.7	1.0	0.0%
7:45 AM	9	30.0	5.6	0.4	16.9	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	6.5	0.3	32.6	1.5	0.0%
8:00 AM	1	29.0	5.0	0.3	16.9	1.0	0.0%
8:00 AM	2	29.0	5.9	0.3	28.9	1.0	0.0%
8:00 AM	3	29.0	5.5	0.3	18.3	1.0	0.0%
8:00 AM	4	29.0	4.5	0.3	17.0	1.0	0.0%
8:00 AM	5	29.0	2.3	0.1	16.9	1.0	0.0%
8:00 AM	6	29.0	5.9	0.3	46.1	2.0	0.0%
8:00 AM	7	29.0	4.9	0.3	17.9	1.0	0.0%
8:00 AM	8	29.0	5.3	0.3	20.4	1.0	0.0%
8:00 AM	9	29.0	5.1	0.3	17.0	1.0	0.0%
8:00 AM	10	29.0	5.6	0.3	20.9	1.0	0.0%
7:15 AM	Avg	30.0	4.6	0.3	18.9	1.0	0.0%
7:30 AM	Avg	30.0	5.7	0.3	24.1	1.2	0.0%
7:45 AM	Avg	30.0	6.4	0.3	27.4	1.1	0.0%
8:00 AM	Avg	29.0	5.0	0.3	22.0	1.1	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 262215							
7:15 AM	1	30.0	39.9	1.6	103.3	4.0	0.0%
7:15 AM	2	30.0	20.1	1.0	67.9	3.0	0.0%
7:15 AM	3	30.0	36.0	1.5	119.3	4.0	0.0%
7:15 AM	4	30.0	23.5	1.0	79.8	3.0	0.0%
7:15 AM	5	30.0	21.4	0.9	76.6	3.0	0.0%
7:15 AM	6	30.0	35.9	1.5	103.8	4.0	0.0%
7:15 AM	7	30.0	17.9	0.8	62.6	3.0	0.0%
7:15 AM	8	30.0	24.1	1.1	74.9	3.0	0.0%
7:15 AM	9	30.0	21.7	1.0	80.1	3.5	0.0%
7:15 AM	10	30.0	35.8	1.4	117.0	4.0	0.0%
7:30 AM	1	30.0	32.4	1.3	93.2	3.5	0.0%
7:30 AM	2	30.0	27.2	1.2	90.9	4.0	0.0%
7:30 AM	3	30.0	27.4	1.2	103.3	4.0	0.0%
7:30 AM	4	30.0	37.5	1.6	106.1	4.0	0.0%
7:30 AM	5	30.0	30.4	1.3	85.0	3.0	0.0%
7:30 AM	6	30.0	35.5	1.6	87.2	3.5	0.0%
7:30 AM	7	30.0	35.1	1.4	116.2	4.0	0.0%
7:30 AM	8	30.0	32.8	1.3	99.3	3.5	0.0%
7:30 AM	9	30.0	32.9	1.3	97.8	3.5	0.0%
7:30 AM	10	30.0	31.5	1.4	79.7	3.0	0.0%
7:45 AM	1	30.0	29.1	1.2	82.4	3.5	0.0%
7:45 AM	2	30.0	22.0	1.1	71.7	3.0	0.0%
7:45 AM	3	30.0	35.8	1.6	94.4	4.0	0.0%
7:45 AM	4	30.0	33.5	1.5	93.4	3.5	0.0%
7:45 AM	5	30.0	30.8	1.4	87.7	4.0	0.0%
7:45 AM	6	30.0	33.5	1.4	127.5	5.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	27.4	1.2	76.0	3.0	0.0%
7:45 AM	8	30.0	26.5	1.1	95.3	4.0	0.0%
7:45 AM	9	30.0	39.0	1.7	101.2	4.0	0.0%
7:45 AM	10	30.0	44.3	1.9	102.2	4.5	0.0%
8:00 AM	1	29.0	38.4	1.6	115.8	4.0	0.0%
8:00 AM	2	29.0	35.4	1.4	106.6	3.6	0.0%
8:00 AM	3	29.0	29.7	1.3	79.1	3.0	0.0%
8:00 AM	4	29.0	30.3	1.3	90.2	4.0	0.0%
8:00 AM	5	29.0	20.9	1.0	61.3	2.6	0.0%
8:00 AM	6	29.0	20.9	0.9	49.9	2.0	0.0%
8:00 AM	7	29.0	30.4	1.2	86.6	3.6	0.0%
8:00 AM	8	29.0	38.7	1.7	93.5	3.6	0.0%
8:00 AM	9	29.0	26.9	1.2	78.7	3.0	0.0%
8:00 AM	10	29.0	34.6	1.6	101.2	4.0	0.0%
7:15 AM	Avg	30.0	27.6	1.2	88.5	3.5	0.0%
7:30 AM	Avg	30.0	32.3	1.4	95.9	3.6	0.0%
7:45 AM	Avg	30.0	32.2	1.4	93.2	3.9	0.0%
8:00 AM	Avg	29.0	30.6	1.3	86.3	3.3	0.0%

NWB TR on GREAT LAKES BLVD NW - Lane ID 262216

7:15 AM	1	30.0	25.8	1.0	89.6	4.0	0.0%
7:15 AM	2	30.0	45.7	1.9	129.0	5.0	0.0%
7:15 AM	3	30.0	50.7	2.0	151.1	5.5	0.0%
7:15 AM	4	30.0	31.5	1.3	117.9	4.5	0.0%
7:15 AM	5	30.0	42.4	1.6	125.0	4.5	0.0%
7:15 AM	6	30.0	30.3	1.2	130.0	5.0	0.0%
7:15 AM	7	30.0	34.5	1.4	120.5	4.0	0.0%
7:15 AM	8	30.0	42.9	1.7	122.2	4.0	0.0%
7:15 AM	9	30.0	44.4	1.6	145.7	5.0	0.0%
7:15 AM	10	30.0	39.8	1.6	124.2	4.5	0.0%
7:30 AM	1	30.0	48.9	1.8	136.3	5.0	0.0%
7:30 AM	2	30.0	43.5	1.7	124.3	5.0	0.0%
7:30 AM	3	30.0	36.0	1.4	119.8	4.5	0.0%
7:30 AM	4	30.0	39.3	1.6	124.1	5.0	0.0%
7:30 AM	5	30.0	38.4	1.7	106.4	4.5	0.0%
7:30 AM	6	30.0	48.7	1.9	132.5	5.5	0.0%
7:30 AM	7	30.0	39.9	1.6	124.2	5.0	0.0%
7:30 AM	8	30.0	42.4	1.7	115.3	4.5	0.0%
7:30 AM	9	30.0	45.4	1.8	134.0	5.0	0.0%
7:30 AM	10	30.0	52.4	2.1	161.1	6.0	0.0%
7:45 AM	1	30.0	28.9	1.2	99.1	4.0	0.0%
7:45 AM	2	30.0	36.0	1.4	128.9	4.5	0.0%
7:45 AM	3	30.0	54.5	2.1	146.7	5.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	25.0	1.2	75.0	3.0	0.0%
7:45 AM	5	30.0	58.4	2.3	137.4	5.0	0.0%
7:45 AM	6	30.0	46.2	2.0	120.7	5.0	0.0%
7:45 AM	7	30.0	24.2	1.1	90.9	4.0	0.0%
7:45 AM	8	30.0	33.1	1.3	132.6	5.0	0.0%
7:45 AM	9	30.0	38.4	1.7	115.4	4.5	0.0%
7:45 AM	10	30.0	47.6	1.8	140.6	5.0	0.0%
8:00 AM	1	29.0	42.2	1.7	125.0	4.6	0.0%
8:00 AM	2	29.0	44.7	1.9	106.4	4.0	0.0%
8:00 AM	3	29.0	50.7	2.0	116.1	4.6	0.0%
8:00 AM	4	29.0	42.8	1.6	137.9	5.0	0.0%
8:00 AM	5	29.0	29.2	1.3	112.8	4.6	0.0%
8:00 AM	6	29.0	30.6	1.4	107.6	4.6	0.0%
8:00 AM	7	29.0	44.2	1.8	145.2	5.6	0.0%
8:00 AM	8	29.0	31.6	1.3	124.3	4.0	0.0%
8:00 AM	9	29.0	40.7	1.7	119.8	5.0	0.0%
8:00 AM	10	29.0	23.8	1.0	77.3	3.6	0.0%
7:15 AM	Avg	30.0	38.8	1.5	125.5	4.6	0.0%
7:30 AM	Avg	30.0	43.5	1.7	127.8	5.0	0.0%
7:45 AM	Avg	30.0	39.2	1.6	118.7	4.5	0.0%
8:00 AM	Avg	29.0	38.1	1.6	117.2	4.6	0.0%

SB L on GREAT LAKES BLVD NW - Lane ID 262207

7:15 AM	1	30.0	15.3	0.8	46.7	2.0	0.0%
7:15 AM	2	30.0	16.7	0.8	64.2	3.0	0.0%
7:15 AM	3	30.0	15.1	0.7	62.7	2.5	0.0%
7:15 AM	4	30.0	25.4	1.1	91.9	4.0	0.0%
7:15 AM	5	30.0	17.4	0.7	72.8	3.0	0.0%
7:15 AM	6	30.0	25.4	1.1	90.9	3.5	0.0%
7:15 AM	7	30.0	20.8	0.8	90.2	3.0	0.0%
7:15 AM	8	30.0	24.9	1.0	92.0	4.0	0.0%
7:15 AM	9	30.0	23.0	1.1	97.6	4.0	0.0%
7:15 AM	10	30.0	17.0	0.8	87.9	3.5	0.0%
7:30 AM	1	30.0	22.3	1.0	100.5	4.0	0.0%
7:30 AM	2	30.0	39.7	1.6	121.1	5.0	0.0%
7:30 AM	3	30.0	40.8	1.7	150.3	4.5	0.0%
7:30 AM	4	30.0	27.9	1.3	100.5	4.0	0.0%
7:30 AM	5	30.0	28.3	1.2	96.6	3.5	0.0%
7:30 AM	6	30.0	21.6	1.0	93.6	4.1	0.0%
7:30 AM	7	30.0	41.8	1.6	148.1	5.0	0.0%
7:30 AM	8	30.0	21.5	1.0	78.4	3.0	0.0%
7:30 AM	9	30.0	43.0	1.6	100.1	4.0	0.0%
7:30 AM	10	30.0	25.3	1.1	88.9	3.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	1	30.0	29.5	1.3	79.2	3.0	0.0%
7:45 AM	2	30.0	27.0	1.2	97.2	4.0	0.0%
7:45 AM	3	30.0	10.7	0.6	40.4	2.0	0.0%
7:45 AM	4	30.0	31.2	1.1	97.2	3.0	0.0%
7:45 AM	5	30.0	31.9	1.4	82.6	3.5	0.0%
7:45 AM	6	30.0	56.7	2.3	196.0	7.5	0.0%
7:45 AM	7	30.0	21.4	0.9	130.5	5.0	0.0%
7:45 AM	8	30.0	38.4	1.6	159.5	6.1	0.0%
7:45 AM	9	30.0	17.5	0.9	64.8	3.0	0.0%
7:45 AM	10	30.0	30.7	1.2	83.8	3.0	0.0%
8:00 AM	1	29.0	31.5	1.3	118.9	4.6	0.0%
8:00 AM	2	29.0	35.5	1.4	151.9	5.0	0.0%
8:00 AM	3	29.0	19.3	0.9	91.6	3.0	0.0%
8:00 AM	4	29.0	19.8	0.9	77.5	3.0	0.0%
8:00 AM	5	29.0	16.7	0.8	70.8	3.0	0.0%
8:00 AM	6	29.0	18.7	0.9	72.9	3.0	0.0%
8:00 AM	7	29.0	25.3	0.9	125.1	3.0	0.0%
8:00 AM	8	29.0	7.4	0.3	46.2	2.0	0.0%
8:00 AM	9	29.0	19.4	0.8	80.8	3.0	0.0%
8:00 AM	10	29.0	25.9	0.9	93.1	3.6	0.0%
7:15 AM	Avg	30.0	20.1	0.9	79.7	3.3	0.0%
7:30 AM	Avg	30.0	31.2	1.3	107.8	4.1	0.0%
7:45 AM	Avg	30.0	29.5	1.3	103.1	4.0	0.0%
8:00 AM	Avg	29.0	22.0	0.9	92.9	3.3	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 262208

7:15 AM	1	30.0	18.5	0.7	73.7	2.5	0.0%
7:15 AM	2	30.0	25.3	1.1	107.9	4.1	0.0%
7:15 AM	3	30.0	18.1	0.8	62.0	2.5	0.0%
7:15 AM	4	30.0	12.6	0.5	48.5	2.0	0.0%
7:15 AM	5	30.0	6.7	0.3	31.8	1.5	0.0%
7:15 AM	6	30.0	27.1	1.1	98.5	4.0	0.0%
7:15 AM	7	30.0	12.6	0.5	76.7	3.1	0.0%
7:15 AM	8	30.0	10.4	0.4	63.7	2.5	0.0%
7:15 AM	9	30.0	28.2	1.1	118.3	4.5	0.0%
7:15 AM	10	30.0	22.4	0.9	105.0	4.0	0.0%
7:30 AM	1	30.0	39.4	1.3	155.4	5.0	0.0%
7:30 AM	2	30.0	16.0	0.7	67.9	3.0	0.0%
7:30 AM	3	30.0	18.1	0.7	86.6	3.5	0.0%
7:30 AM	4	30.0	40.0	1.6	178.0	7.1	0.0%
7:30 AM	5	30.0	20.7	0.8	114.5	4.0	0.0%
7:30 AM	6	30.0	22.4	0.9	91.9	3.5	0.0%
7:30 AM	7	30.0	25.6	1.0	103.2	4.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	43.7	1.7	145.0	5.5	0.0%
7:30 AM	9	30.0	25.7	1.1	108.6	4.5	0.0%
7:30 AM	10	30.0	22.7	1.0	81.2	3.5	0.0%
7:45 AM	1	30.0	27.0	1.1	138.2	5.2	0.0%
7:45 AM	2	30.0	32.7	1.4	128.3	5.1	0.0%
7:45 AM	3	30.0	13.3	0.6	61.5	2.5	0.0%
7:45 AM	4	30.0	27.2	1.0	129.9	4.0	0.0%
7:45 AM	5	30.0	29.4	1.1	130.8	5.0	0.0%
7:45 AM	6	30.0	16.4	0.7	104.0	4.1	0.0%
7:45 AM	7	30.0	16.8	0.7	69.6	3.0	0.0%
7:45 AM	8	30.0	8.2	0.4	60.6	2.5	0.0%
7:45 AM	9	30.0	44.3	1.5	181.3	6.0	0.0%
7:45 AM	10	30.0	24.4	0.8	130.3	3.5	0.0%
8:00 AM	1	29.0	35.7	1.4	177.1	6.6	0.0%
8:00 AM	2	29.0	57.8	2.2	216.9	7.6	0.0%
8:00 AM	3	29.0	37.4	1.6	107.6	4.0	0.0%
8:00 AM	4	29.0	29.5	1.2	139.3	5.0	0.0%
8:00 AM	5	29.0	27.5	1.0	99.8	3.6	0.0%
8:00 AM	6	29.0	11.7	0.5	56.2	2.8	0.0%
8:00 AM	7	29.0	19.9	0.9	96.8	4.4	0.0%
8:00 AM	8	29.0	27.5	1.2	96.9	4.0	0.0%
8:00 AM	9	29.0	20.0	0.8	97.1	3.6	0.0%
8:00 AM	10	29.0	34.9	1.3	138.6	5.2	0.0%
7:15 AM	Avg	30.0	18.2	0.7	78.6	3.1	0.0%
7:30 AM	Avg	30.0	27.4	1.1	113.2	4.4	0.0%
7:45 AM	Avg	30.0	24.0	0.9	113.5	4.1	0.0%
8:00 AM	Avg	29.0	30.2	1.2	122.6	4.7	0.0%

SB TR on GREAT LAKES BLVD NW - Lane ID 262209

7:15 AM	1	30.0	11.2	0.6	53.2	2.5	0.0%
7:15 AM	2	30.0	34.1	1.5	158.2	6.5	0.0%
7:15 AM	3	30.0	19.7	0.9	81.7	3.5	0.0%
7:15 AM	4	30.0	21.4	0.9	103.0	4.1	0.0%
7:15 AM	5	30.0	15.9	0.6	83.5	3.1	0.0%
7:15 AM	6	30.0	31.6	1.3	118.8	4.5	0.0%
7:15 AM	7	30.0	18.2	0.7	112.6	4.0	0.0%
7:15 AM	8	30.0	22.7	0.9	107.2	4.0	0.0%
7:15 AM	9	30.0	19.2	0.8	59.7	2.5	0.0%
7:15 AM	10	30.0	30.8	1.1	137.1	4.5	0.0%
7:30 AM	1	30.0	32.4	1.2	111.9	4.0	0.0%
7:30 AM	2	30.0	22.3	1.0	72.8	3.0	0.0%
7:30 AM	3	30.0	19.1	0.8	76.3	3.0	0.0%
7:30 AM	4	30.0	36.8	1.3	163.3	5.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	27.0	1.0	118.9	4.5	0.0%
7:30 AM	6	30.0	23.9	1.0	149.4	5.5	0.0%
7:30 AM	7	30.0	32.2	1.3	136.0	5.1	0.0%
7:30 AM	8	30.0	29.8	1.1	140.5	4.5	0.0%
7:30 AM	9	30.0	36.9	1.3	181.2	4.5	0.0%
7:30 AM	10	30.0	30.4	1.3	106.9	4.5	0.0%
7:45 AM	1	30.0	31.7	1.3	133.5	4.5	0.0%
7:45 AM	2	30.0	28.6	1.1	145.5	5.5	0.0%
7:45 AM	3	30.0	20.8	0.8	113.3	3.5	0.0%
7:45 AM	4	30.0	19.8	0.8	97.8	4.0	0.0%
7:45 AM	5	30.0	34.5	1.4	144.3	6.0	0.0%
7:45 AM	6	30.0	17.3	0.7	83.2	3.5	0.0%
7:45 AM	7	30.0	21.1	0.8	75.2	3.0	0.0%
7:45 AM	8	30.0	12.3	0.6	57.8	2.5	0.0%
7:45 AM	9	30.0	33.7	1.4	147.2	5.6	0.0%
7:45 AM	10	30.0	25.9	1.0	107.7	3.5	0.0%
8:00 AM	1	29.0	29.1	1.1	115.4	4.0	0.0%
8:00 AM	2	29.0	64.4	2.4	239.4	8.4	0.0%
8:00 AM	3	29.0	26.0	1.2	95.4	4.0	0.0%
8:00 AM	4	29.0	27.0	1.1	150.0	5.6	0.0%
8:00 AM	5	29.0	28.2	1.1	101.5	3.6	0.0%
8:00 AM	6	29.0	20.3	0.9	52.4	2.0	0.0%
8:00 AM	7	29.0	11.2	0.5	61.1	2.6	0.0%
8:00 AM	8	29.0	29.0	1.2	111.6	4.6	0.0%
8:00 AM	9	29.0	19.8	0.8	98.3	3.8	0.0%
8:00 AM	10	29.0	26.4	1.1	106.1	4.2	0.0%
7:15 AM	Avg	30.0	22.5	0.9	101.5	3.9	0.0%
7:30 AM	Avg	30.0	29.1	1.1	125.7	4.4	0.0%
7:45 AM	Avg	30.0	24.6	1.0	110.6	4.2	0.0%
8:00 AM	Avg	29.0	28.1	1.1	113.1	4.3	0.0%
WB L on LAKE AVE NW - Lane ID 262189							
7:15 AM	1	30.0	64.8	2.5	173.4	6.0	3.3%
7:15 AM	2	30.0	52.3	2.2	163.1	6.5	0.0%
7:15 AM	3	30.0	65.4	2.5	195.4	7.0	0.0%
7:15 AM	4	30.0	52.4	2.0	177.8	6.5	0.0%
7:15 AM	5	30.0	65.3	2.5	171.1	6.0	0.0%
7:15 AM	6	30.0	42.9	1.8	153.8	6.0	3.3%
7:15 AM	7	30.0	59.7	2.4	155.8	6.0	0.0%
7:15 AM	8	30.0	61.9	2.3	193.5	7.0	3.3%
7:15 AM	9	30.0	47.6	1.9	188.1	7.1	3.3%
7:15 AM	10	30.0	56.3	2.3	154.2	6.0	0.0%
7:30 AM	1	30.0	61.4	2.3	159.9	6.0	3.3%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	77.6	3.0	213.1	8.0	3.3%
7:30 AM	3	30.0	57.9	2.3	194.5	7.5	6.7%
7:30 AM	4	30.0	45.9	1.9	158.4	6.0	0.0%
7:30 AM	5	30.0	57.7	2.2	173.9	7.0	0.0%
7:30 AM	6	30.0	85.5	2.9	237.8	8.0	13.3%
7:30 AM	7	30.0	71.2	2.6	228.3	7.0	6.7%
7:30 AM	8	30.0	64.3	2.5	210.3	7.5	0.0%
7:30 AM	9	30.0	53.0	2.1	156.7	6.0	0.0%
7:30 AM	10	30.0	68.3	2.7	204.0	7.5	6.7%
7:45 AM	1	30.0	58.3	2.3	174.2	6.5	0.0%
7:45 AM	2	30.0	67.2	2.6	180.5	7.0	3.3%
7:45 AM	3	30.0	43.6	1.8	135.9	5.0	0.0%
7:45 AM	4	30.0	80.6	2.8	216.8	7.5	3.3%
7:45 AM	5	30.0	68.5	2.7	212.6	8.1	6.7%
7:45 AM	6	30.0	79.4	3.0	220.8	8.0	6.7%
7:45 AM	7	30.0	85.7	3.1	215.8	8.0	3.3%
7:45 AM	8	30.0	79.5	2.8	208.2	7.5	6.7%
7:45 AM	9	30.0	67.3	2.5	189.3	7.0	3.3%
7:45 AM	10	30.0	56.7	2.2	194.6	7.5	3.3%
8:00 AM	1	29.0	44.3	1.8	159.6	6.2	0.0%
8:00 AM	2	29.0	73.7	2.9	188.1	7.6	3.4%
8:00 AM	3	29.0	59.5	2.3	178.1	6.6	3.4%
8:00 AM	4	29.0	91.3	3.4	238.0	9.0	17.2%
8:00 AM	5	29.0	94.3	3.7	202.0	7.6	3.4%
8:00 AM	6	29.0	105.3	3.8	237.6	9.0	20.7%
8:00 AM	7	29.0	100.0	3.7	250.4	9.0	13.8%
8:00 AM	8	29.0	48.1	1.9	157.6	6.0	3.4%
8:00 AM	9	29.0	74.1	2.7	223.8	8.0	6.9%
8:00 AM	10	29.0	63.0	2.4	170.1	6.0	3.4%
7:15 AM	Avg	30.0	56.9	2.2	172.6	6.4	1.3%
7:30 AM	Avg	30.0	64.3	2.5	193.7	7.1	4.0%
7:45 AM	Avg	30.0	68.7	2.6	194.9	7.2	3.7%
8:00 AM	Avg	29.0	75.4	2.9	200.5	7.5	7.6%

WB TR on LAKE AVE NW - Lane ID 262190

7:15 AM	1	30.0	28.3	1.2	131.9	4.6	0.0%
7:15 AM	2	30.0	15.1	0.7	69.6	3.0	0.0%
7:15 AM	3	30.0	18.6	0.8	85.3	3.0	0.0%
7:15 AM	4	30.0	28.3	1.1	108.8	4.0	0.0%
7:15 AM	5	30.0	21.7	0.8	100.0	3.0	0.0%
7:15 AM	6	30.0	26.0	1.0	107.4	4.0	0.0%
7:15 AM	7	30.0	30.1	1.1	96.1	3.0	0.0%
7:15 AM	8	30.0	26.2	1.0	107.4	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	20.3	0.8	85.4	3.5	0.0%
7:15 AM	10	30.0	29.0	1.1	117.7	4.0	0.0%
7:30 AM	1	30.0	24.2	1.0	97.2	3.0	0.0%
7:30 AM	2	30.0	18.1	0.8	78.5	3.0	0.0%
7:30 AM	3	30.0	40.5	1.6	133.7	5.1	0.0%
7:30 AM	4	30.0	26.2	1.0	107.4	3.5	0.0%
7:30 AM	5	30.0	25.3	0.9	142.7	4.5	0.0%
7:30 AM	6	30.0	13.9	0.6	60.4	2.5	0.0%
7:30 AM	7	30.0	21.0	0.9	107.4	4.0	0.0%
7:30 AM	8	30.0	25.0	1.1	83.7	3.5	0.0%
7:30 AM	9	30.0	29.9	1.2	117.5	4.5	0.0%
7:30 AM	10	30.0	26.0	1.1	97.2	4.0	3.3%
7:45 AM	1	30.0	29.0	1.2	121.7	4.5	0.0%
7:45 AM	2	30.0	27.1	1.0	95.3	3.5	0.0%
7:45 AM	3	30.0	13.8	0.6	48.9	2.0	0.0%
7:45 AM	4	30.0	37.4	1.5	113.0	4.1	0.0%
7:45 AM	5	30.0	24.4	0.9	100.8	4.1	0.0%
7:45 AM	6	30.0	19.2	0.9	59.2	2.5	0.0%
7:45 AM	7	30.0	23.4	0.9	92.6	3.5	0.0%
7:45 AM	8	30.0	23.6	1.0	87.9	3.0	0.0%
7:45 AM	9	30.0	18.9	0.8	110.0	4.5	0.0%
7:45 AM	10	30.0	25.1	1.1	108.5	4.5	0.0%
8:00 AM	1	29.0	22.8	0.8	101.9	3.0	0.0%
8:00 AM	2	29.0	14.4	0.7	80.4	3.6	0.0%
8:00 AM	3	29.0	19.9	0.8	93.6	3.6	0.0%
8:00 AM	4	29.0	32.9	1.3	146.3	5.0	0.0%
8:00 AM	5	29.0	39.3	1.6	185.4	6.2	6.9%
8:00 AM	6	29.0	26.6	1.1	87.5	4.0	0.0%
8:00 AM	7	29.0	32.4	1.3	96.0	3.6	0.0%
8:00 AM	8	29.0	20.5	0.9	94.2	3.6	0.0%
8:00 AM	9	29.0	32.6	1.4	162.1	6.2	0.0%
8:00 AM	10	29.0	20.7	0.9	77.4	3.0	0.0%
7:15 AM	Avg	30.0	24.4	1.0	101.0	3.6	0.0%
7:30 AM	Avg	30.0	25.0	1.0	102.6	3.8	0.3%
7:45 AM	Avg	30.0	24.2	1.0	93.8	3.6	0.0%
8:00 AM	Avg	29.0	26.2	1.1	112.5	4.2	0.7%

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262185							
7:15 AM	1	30.0	71.8	2.9	191.5	7.1	0.0%
7:15 AM	2	30.0	77.3	3.0	220.8	8.0	10.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	82.5	3.2	187.0	6.5	3.3%
7:15 AM	4	30.0	63.0	2.5	178.9	6.5	0.0%
7:15 AM	5	30.0	56.4	2.3	157.2	6.0	0.0%
7:15 AM	6	30.0	77.1	3.1	193.4	7.0	0.0%
7:15 AM	7	30.0	63.4	2.4	204.5	7.0	0.0%
7:15 AM	8	30.0	83.5	3.3	197.8	8.0	0.0%
7:15 AM	9	30.0	97.7	3.7	211.4	7.0	6.7%
7:15 AM	10	30.0	73.0	2.5	216.1	6.5	6.7%
7:30 AM	1	30.0	76.4	2.9	210.6	8.0	3.3%
7:30 AM	2	30.0	82.6	3.0	233.5	8.0	13.3%
7:30 AM	3	30.0	82.6	3.1	201.4	7.0	3.3%
7:30 AM	4	30.0	80.1	3.2	190.5	7.0	3.3%
7:30 AM	5	30.0	92.7	3.1	202.2	6.5	3.3%
7:30 AM	6	30.0	95.5	3.5	222.5	8.5	10.0%
7:30 AM	7	30.0	76.9	2.9	201.8	6.5	3.3%
7:30 AM	8	30.0	77.9	2.9	187.6	6.5	0.0%
7:30 AM	9	30.0	70.1	2.8	191.2	7.0	3.3%
7:30 AM	10	30.0	92.2	3.5	231.2	7.5	10.0%
7:45 AM	1	30.0	74.2	2.9	206.4	7.5	0.0%
7:45 AM	2	30.0	86.1	3.1	221.4	7.5	6.7%
7:45 AM	3	30.0	76.7	3.0	177.9	7.0	3.3%
7:45 AM	4	30.0	60.6	2.3	185.8	7.0	0.0%
7:45 AM	5	30.0	91.0	3.3	218.1	7.5	3.3%
7:45 AM	6	30.0	95.1	3.6	204.9	7.5	3.3%
7:45 AM	7	30.0	71.1	2.7	198.3	7.5	3.3%
7:45 AM	8	30.0	63.7	2.5	207.2	7.5	3.3%
7:45 AM	9	30.0	107.7	4.0	238.5	8.5	6.7%
7:45 AM	10	30.0	92.9	3.2	211.1	7.0	3.3%
8:00 AM	1	29.0	105.6	3.9	213.7	7.6	6.9%
8:00 AM	2	29.0	87.5	3.1	202.6	7.0	3.4%
8:00 AM	3	29.0	91.0	3.7	181.0	7.0	0.0%
8:00 AM	4	29.0	81.5	3.3	181.3	6.6	0.0%
8:00 AM	5	29.0	62.6	2.5	177.5	7.0	3.4%
8:00 AM	6	29.0	64.7	2.5	194.2	7.0	0.0%
8:00 AM	7	29.0	90.8	3.3	217.8	7.0	6.9%
8:00 AM	8	29.0	103.2	4.0	221.5	9.0	6.9%
8:00 AM	9	29.0	79.7	3.2	186.0	7.6	0.0%
8:00 AM	10	29.0	99.2	3.8	220.2	8.0	6.9%
7:15 AM	Avg	30.0	74.6	2.9	195.9	7.0	2.7%
7:30 AM	Avg	30.0	82.7	3.1	207.3	7.3	5.3%
7:45 AM	Avg	30.0	81.9	3.1	207.0	7.5	3.3%
8:00 AM	Avg	29.0	86.6	3.3	199.6	7.4	3.4%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB TR on LAKE AVE NW - Lane ID 262186							
7:15 AM	1	30.0	4.1	0.2	18.0	1.0	0.0%
7:15 AM	2	30.0	2.5	0.1	18.4	1.0	0.0%
7:15 AM	3	30.0	3.0	0.1	9.3	0.5	0.0%
7:15 AM	4	30.0	2.3	0.1	12.6	1.0	0.0%
7:15 AM	5	30.0	2.7	0.2	17.0	1.0	0.0%
7:15 AM	6	30.0	9.8	0.3	75.1	2.0	0.0%
7:15 AM	7	30.0	1.6	0.1	8.5	0.5	0.0%
7:15 AM	8	30.0	4.5	0.2	27.5	1.1	0.0%
7:15 AM	9	30.0	3.4	0.2	15.6	1.0	0.0%
7:15 AM	10	30.0	8.7	0.4	63.6	2.5	0.0%
7:30 AM	1	30.0	13.0	0.5	73.0	2.0	0.0%
7:30 AM	2	30.0	7.8	0.3	47.2	2.0	0.0%
7:30 AM	3	30.0	5.3	0.3	39.0	2.0	0.0%
7:30 AM	4	30.0	6.6	0.3	37.1	1.5	0.0%
7:30 AM	5	30.0	4.6	0.2	30.5	1.5	0.0%
7:30 AM	6	30.0	4.8	0.2	28.6	1.0	0.0%
7:30 AM	7	30.0	2.1	0.1	15.6	1.0	0.0%
7:30 AM	8	30.0	9.9	0.5	57.7	2.5	0.0%
7:30 AM	9	30.0	2.0	0.1	10.3	0.5	0.0%
7:30 AM	10	30.0	8.0	0.4	42.4	2.0	0.0%
7:45 AM	1	30.0	9.4	0.4	45.3	2.0	0.0%
7:45 AM	2	30.0	1.3	0.1	12.1	1.0	0.0%
7:45 AM	3	30.0	0.3	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	9.3	0.4	66.4	2.5	0.0%
7:45 AM	5	30.0	11.9	0.5	68.1	2.5	0.0%
7:45 AM	6	30.0	3.0	0.2	15.7	1.0	0.0%
7:45 AM	7	30.0	4.9	0.2	18.5	1.0	0.0%
7:45 AM	8	30.0	5.3	0.3	29.0	1.5	0.0%
7:45 AM	9	30.0	3.9	0.2	28.8	1.5	0.0%
7:45 AM	10	30.0	2.1	0.1	12.1	0.5	0.0%
8:00 AM	1	29.0	6.5	0.3	41.9	2.0	0.0%
8:00 AM	2	29.0	1.8	0.1	10.4	0.6	0.0%
8:00 AM	3	29.0	4.5	0.2	31.5	1.6	0.0%
8:00 AM	4	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	8.2	0.4	38.9	2.0	0.0%
8:00 AM	6	29.0	3.6	0.2	31.7	1.6	0.0%
8:00 AM	7	29.0	3.1	0.1	22.0	1.0	0.0%
8:00 AM	8	29.0	7.0	0.3	43.2	2.0	0.0%
8:00 AM	9	29.0	4.6	0.2	28.3	1.6	0.0%
8:00 AM	10	29.0	6.3	0.3	31.9	1.6	0.0%
7:15 AM	Avg	30.0	4.3	0.2	26.6	1.2	0.0%
7:30 AM	Avg	30.0	6.4	0.3	38.1	1.6	0.0%
7:45 AM	Avg	30.0	5.1	0.2	29.6	1.4	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	4.6	0.2	28.0	1.4	0.0%
NB L on [Unnamed Street] - Lane ID 274804							
7:15 AM	1	30.0	2.6	0.2	16.5	1.0	0.0%
7:15 AM	2	30.0	2.2	0.1	15.5	1.0	0.0%
7:15 AM	3	30.0	1.2	0.1	11.3	1.0	0.0%
7:15 AM	4	30.0	1.5	0.1	13.4	1.0	0.0%
7:15 AM	5	30.0	4.2	0.3	17.9	1.0	0.0%
7:15 AM	6	30.0	1.2	0.1	9.9	0.5	0.0%
7:15 AM	7	30.0	1.6	0.1	15.5	1.0	0.0%
7:15 AM	8	30.0	0.6	0.1	2.5	0.5	0.0%
7:15 AM	9	30.0	3.1	0.2	17.7	1.0	0.0%
7:15 AM	10	30.0	0.2	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	1.3	0.1	12.1	1.0	0.0%
7:30 AM	2	30.0	3.2	0.2	24.1	1.5	0.0%
7:30 AM	3	30.0	2.5	0.2	13.0	1.0	0.0%
7:30 AM	4	30.0	1.4	0.1	12.3	1.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	1.4	0.1	11.4	1.0	0.0%
7:30 AM	7	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	1.3	0.1	11.8	1.0	0.0%
7:30 AM	9	30.0	0.3	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	1.3	0.1	7.9	1.0	0.0%
7:45 AM	1	30.0	1.7	0.1	15.0	1.0	0.0%
7:45 AM	2	30.0	0.6	0.1	2.2	0.5	0.0%
7:45 AM	3	30.0	0.3	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	1.6	0.1	16.0	1.0	0.0%
7:45 AM	5	30.0	0.9	0.1	0.0	0.0	0.0%
7:45 AM	6	30.0	3.5	0.3	16.0	1.0	0.0%
7:45 AM	7	30.0	0.9	0.1	4.8	0.5	0.0%
7:45 AM	8	30.0	1.5	0.1	15.0	1.0	0.0%
7:45 AM	9	30.0	0.3	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	1.7	0.1	16.1	1.0	0.0%
8:00 AM	1	29.0	3.9	0.2	19.7	1.0	0.0%
8:00 AM	2	29.0	2.4	0.1	20.0	1.0	0.0%
8:00 AM	3	29.0	1.3	0.1	11.7	1.0	0.0%
8:00 AM	4	29.0	1.1	0.1	9.5	0.6	0.0%
8:00 AM	5	29.0	2.2	0.1	19.0	0.6	0.0%
8:00 AM	6	29.0	1.4	0.1	13.1	1.0	0.0%
8:00 AM	7	29.0	1.9	0.1	17.9	1.0	0.0%
8:00 AM	8	29.0	0.7	0.1	3.0	0.6	0.0%
8:00 AM	9	29.0	3.2	0.1	24.8	1.0	0.0%
8:00 AM	10	29.0	2.2	0.1	18.9	1.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	Avg	30.0	1.8	0.1	12.0	0.8	0.0%
7:30 AM	Avg	30.0	1.3	0.1	9.3	0.8	0.0%
7:45 AM	Avg	30.0	1.3	0.1	8.5	0.6	0.0%
8:00 AM	Avg	29.0	2.0	0.1	15.8	0.9	0.0%
NB TR on [Unnamed Street] - Lane ID 274788							
7:15 AM	1	30.0	20.1	1.0	64.2	3.0	0.0%
7:15 AM	2	30.0	22.5	1.1	86.0	3.5	0.0%
7:15 AM	3	30.0	25.6	1.1	79.0	3.0	0.0%
7:15 AM	4	30.0	16.7	0.8	45.6	2.0	0.0%
7:15 AM	5	30.0	21.6	1.0	83.1	3.0	0.0%
7:15 AM	6	30.0	17.8	0.8	69.1	2.5	0.0%
7:15 AM	7	30.0	15.1	0.8	60.9	2.5	0.0%
7:15 AM	8	30.0	13.9	0.7	60.1	2.5	0.0%
7:15 AM	9	30.0	12.6	0.6	45.6	2.0	0.0%
7:15 AM	10	30.0	27.2	0.9	88.8	3.0	0.0%
7:30 AM	1	30.0	21.4	1.0	61.1	2.5	0.0%
7:30 AM	2	30.0	18.6	0.9	81.6	3.0	0.0%
7:30 AM	3	30.0	21.3	1.0	56.2	2.5	0.0%
7:30 AM	4	30.0	13.6	0.7	59.8	2.5	0.0%
7:30 AM	5	30.0	34.3	1.4	88.3	3.0	0.0%
7:30 AM	6	30.0	24.6	1.1	74.7	3.0	0.0%
7:30 AM	7	30.0	14.3	0.7	69.7	3.0	0.0%
7:30 AM	8	30.0	22.8	1.0	77.3	3.0	0.0%
7:30 AM	9	30.0	23.7	1.1	74.2	3.0	0.0%
7:30 AM	10	30.0	20.4	0.9	60.7	2.5	0.0%
7:45 AM	1	30.0	16.9	0.8	65.6	2.5	0.0%
7:45 AM	2	30.0	21.5	0.9	60.2	2.5	0.0%
7:45 AM	3	30.0	28.2	1.4	67.7	3.0	0.0%
7:45 AM	4	30.0	23.9	1.0	69.6	3.0	0.0%
7:45 AM	5	30.0	24.8	1.1	86.5	3.5	0.0%
7:45 AM	6	30.0	15.8	0.8	58.0	2.5	0.0%
7:45 AM	7	30.0	24.2	1.2	80.5	3.5	0.0%
7:45 AM	8	30.0	14.8	0.7	53.7	2.0	0.0%
7:45 AM	9	30.0	20.1	0.9	70.9	3.0	0.0%
7:45 AM	10	30.0	30.4	1.2	76.5	3.0	0.0%
8:00 AM	1	29.0	28.5	1.1	90.2	3.0	0.0%
8:00 AM	2	29.0	22.5	1.1	62.3	2.6	0.0%
8:00 AM	3	29.0	20.3	0.9	76.3	3.0	0.0%
8:00 AM	4	29.0	29.7	1.2	91.1	3.0	0.0%
8:00 AM	5	29.0	28.6	1.3	82.0	3.0	0.0%
8:00 AM	6	29.0	18.7	1.0	62.8	2.6	0.0%
8:00 AM	7	29.0	19.9	1.0	45.5	2.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	8	29.0	12.6	0.7	40.5	2.0	0.0%
8:00 AM	9	29.0	15.1	0.8	56.5	2.6	0.0%
8:00 AM	10	29.0	20.5	0.9	81.0	3.0	0.0%
7:15 AM	Avg	30.0	19.3	0.9	68.2	2.7	0.0%
7:30 AM	Avg	30.0	21.5	1.0	70.4	2.8	0.0%
7:45 AM	Avg	30.0	22.1	1.0	68.9	2.9	0.0%
8:00 AM	Avg	29.0	21.6	1.0	68.8	2.7	0.0%
SB L on [Unnamed Street] - Lane ID 274799							
7:15 AM	1	30.0	2.9	0.2	18.4	1.0	0.0%
7:15 AM	2	30.0	3.2	0.2	19.3	1.0	0.0%
7:15 AM	3	30.0	7.2	0.4	25.4	1.0	0.0%
7:15 AM	4	30.0	4.0	0.3	17.2	1.0	0.0%
7:15 AM	5	30.0	6.2	0.3	33.8	1.5	0.0%
7:15 AM	6	30.0	3.1	0.2	17.5	1.0	0.0%
7:15 AM	7	30.0	2.6	0.2	16.2	1.0	0.0%
7:15 AM	8	30.0	3.4	0.2	17.1	1.0	0.0%
7:15 AM	9	30.0	3.5	0.2	19.1	1.0	0.0%
7:15 AM	10	30.0	2.0	0.1	17.1	1.0	0.0%
7:30 AM	1	30.0	4.0	0.2	22.6	1.0	0.0%
7:30 AM	2	30.0	6.5	0.4	18.8	1.0	0.0%
7:30 AM	3	30.0	5.3	0.3	32.4	1.5	0.0%
7:30 AM	4	30.0	2.5	0.2	17.7	1.0	0.0%
7:30 AM	5	30.0	2.8	0.2	19.2	1.0	0.0%
7:30 AM	6	30.0	5.0	0.3	18.8	1.0	0.0%
7:30 AM	7	30.0	4.6	0.3	26.9	1.0	0.0%
7:30 AM	8	30.0	6.2	0.3	18.7	1.0	0.0%
7:30 AM	9	30.0	5.8	0.4	20.3	1.0	0.0%
7:30 AM	10	30.0	4.6	0.3	32.8	1.5	0.0%
7:45 AM	1	30.0	3.8	0.3	19.2	1.0	0.0%
7:45 AM	2	30.0	4.9	0.3	17.2	1.0	0.0%
7:45 AM	3	30.0	6.2	0.4	20.1	1.0	0.0%
7:45 AM	4	30.0	5.0	0.3	19.4	1.0	0.0%
7:45 AM	5	30.0	3.1	0.2	16.1	1.0	0.0%
7:45 AM	6	30.0	4.6	0.4	16.3	1.0	0.0%
7:45 AM	7	30.0	3.9	0.3	17.2	1.0	0.0%
7:45 AM	8	30.0	1.5	0.1	9.9	0.5	0.0%
7:45 AM	9	30.0	5.0	0.3	21.7	1.0	0.0%
7:45 AM	10	30.0	5.5	0.2	42.0	1.0	0.0%
8:00 AM	1	29.0	5.6	0.4	18.9	1.0	0.0%
8:00 AM	2	29.0	4.2	0.3	16.7	1.0	0.0%
8:00 AM	3	29.0	6.4	0.3	37.1	1.6	0.0%
8:00 AM	4	29.0	5.5	0.3	19.2	1.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	5	29.0	9.0	0.5	18.5	1.0	0.0%
8:00 AM	6	29.0	4.2	0.2	21.5	1.0	0.0%
8:00 AM	7	29.0	3.8	0.2	15.9	1.0	0.0%
8:00 AM	8	29.0	5.2	0.4	17.8	1.0	0.0%
8:00 AM	9	29.0	6.2	0.4	17.0	1.0	0.0%
8:00 AM	10	29.0	4.7	0.3	17.9	1.0	0.0%
7:15 AM	Avg	30.0	3.8	0.2	20.1	1.1	0.0%
7:30 AM	Avg	30.0	4.7	0.3	22.8	1.1	0.0%
7:45 AM	Avg	30.0	4.4	0.3	19.9	1.0	0.0%
8:00 AM	Avg	29.0	5.5	0.3	20.1	1.1	0.0%
SB TR on [Unnamed Street] - Lane ID 274800							
7:15 AM	1	30.0	66.9	1.9	165.8	5.5	0.0%
7:15 AM	2	30.0	68.4	2.4	184.3	7.0	0.0%
7:15 AM	3	30.0	76.1	2.3	167.8	6.0	0.0%
7:15 AM	4	30.0	56.1	1.8	165.8	5.5	0.0%
7:15 AM	5	30.0	47.2	1.8	165.8	5.0	0.0%
7:15 AM	6	30.0	54.7	1.8	165.8	5.0	0.0%
7:15 AM	7	30.0	54.4	1.8	165.8	5.5	0.0%
7:15 AM	8	30.0	54.0	1.7	165.8	5.0	0.0%
7:15 AM	9	30.0	64.6	2.1	229.1	8.0	0.0%
7:15 AM	10	30.0	64.7	2.1	165.8	5.0	0.0%
7:30 AM	1	30.0	68.8	2.4	192.4	7.1	0.0%
7:30 AM	2	30.0	52.5	1.7	165.8	5.0	0.0%
7:30 AM	3	30.0	56.0	1.9	165.8	5.0	0.0%
7:30 AM	4	30.0	64.4	2.1	202.2	7.1	0.0%
7:30 AM	5	30.0	65.3	1.9	169.5	5.0	0.0%
7:30 AM	6	30.0	56.2	1.7	165.8	5.0	0.0%
7:30 AM	7	30.0	74.1	2.3	165.8	5.5	0.0%
7:30 AM	8	30.0	85.0	2.7	170.4	6.5	0.0%
7:30 AM	9	30.0	73.1	2.5	185.4	7.0	0.0%
7:30 AM	10	30.0	36.4	1.4	165.8	5.0	0.0%
7:45 AM	1	30.0	69.4	2.2	165.8	5.5	0.0%
7:45 AM	2	30.0	70.9	2.5	198.7	7.1	0.0%
7:45 AM	3	30.0	86.4	2.8	211.4	8.0	0.0%
7:45 AM	4	30.0	84.4	2.7	169.4	6.5	0.0%
7:45 AM	5	30.0	81.5	2.8	228.0	7.5	0.0%
7:45 AM	6	30.0	70.0	2.4	188.6	6.5	0.0%
7:45 AM	7	30.0	86.3	2.9	207.0	6.5	0.0%
7:45 AM	8	30.0	55.6	1.9	165.8	5.5	0.0%
7:45 AM	9	30.0	56.5	2.0	165.8	6.0	0.0%
7:45 AM	10	30.0	65.1	2.3	166.9	6.5	0.0%
8:00 AM	1	29.0	58.2	2.0	165.8	5.6	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	2	29.0	46.8	1.8	165.8	5.6	0.0%
8:00 AM	3	29.0	86.9	2.7	168.9	6.6	0.0%
8:00 AM	4	29.0	62.6	2.3	188.4	6.0	0.0%
8:00 AM	5	29.0	106.9	3.5	179.3	6.6	0.0%
8:00 AM	6	29.0	64.8	2.1	165.8	4.6	0.0%
8:00 AM	7	29.0	82.6	2.6	184.5	6.0	0.0%
8:00 AM	8	29.0	45.7	1.6	165.8	5.0	0.0%
8:00 AM	9	29.0	69.1	2.1	170.0	6.0	0.0%
8:00 AM	10	29.0	67.9	2.1	165.8	6.0	0.0%
7:15 AM	Avg	30.0	60.7	2.0	174.2	5.8	0.0%
7:30 AM	Avg	30.0	63.2	2.1	174.9	5.8	0.0%
7:45 AM	Avg	30.0	72.6	2.5	186.7	6.6	0.0%
8:00 AM	Avg	29.0	69.2	2.3	172.0	5.8	0.0%
WB L on LAKE AVE NW - Lane ID 274794							
7:15 AM	1	30.0	14.0	0.7	43.6	2.0	0.0%
7:15 AM	2	30.0	12.6	0.6	47.1	2.0	0.0%
7:15 AM	3	30.0	18.1	0.8	69.2	2.0	0.0%
7:15 AM	4	30.0	11.8	0.6	45.3	2.0	0.0%
7:15 AM	5	30.0	11.4	0.6	44.6	2.0	0.0%
7:15 AM	6	30.0	12.4	0.6	39.0	2.0	0.0%
7:15 AM	7	30.0	10.9	0.6	40.1	2.0	0.0%
7:15 AM	8	30.0	9.5	0.5	32.8	1.5	0.0%
7:15 AM	9	30.0	14.5	0.7	40.5	2.0	0.0%
7:15 AM	10	30.0	15.8	0.8	43.9	2.0	0.0%
7:30 AM	1	30.0	12.4	0.7	20.6	1.0	0.0%
7:30 AM	2	30.0	12.5	0.7	40.3	2.0	0.0%
7:30 AM	3	30.0	12.8	0.6	48.8	2.0	0.0%
7:30 AM	4	30.0	11.4	0.6	44.5	2.0	0.0%
7:30 AM	5	30.0	12.2	0.6	46.2	2.0	0.0%
7:30 AM	6	30.0	14.5	0.8	45.3	2.0	0.0%
7:30 AM	7	30.0	12.2	0.6	48.8	2.0	0.0%
7:30 AM	8	30.0	12.9	0.7	48.4	2.0	0.0%
7:30 AM	9	30.0	10.0	0.5	44.4	2.0	0.0%
7:30 AM	10	30.0	8.0	0.5	16.9	1.0	0.0%
7:45 AM	1	30.0	10.4	0.6	24.2	1.0	0.0%
7:45 AM	2	30.0	10.5	0.5	48.1	2.0	0.0%
7:45 AM	3	30.0	9.6	0.5	31.3	1.0	0.0%
7:45 AM	4	30.0	5.0	0.3	17.3	1.0	0.0%
7:45 AM	5	30.0	10.5	0.6	38.9	2.0	0.0%
7:45 AM	6	30.0	13.8	0.7	41.1	2.0	0.0%
7:45 AM	7	30.0	7.9	0.4	43.6	2.0	0.0%
7:45 AM	8	30.0	8.6	0.4	41.7	1.5	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	9	30.0	14.4	0.8	43.2	1.5	0.0%
7:45 AM	10	30.0	12.4	0.6	47.2	1.5	0.0%
8:00 AM	1	29.0	11.4	0.6	45.0	2.0	0.0%
8:00 AM	2	29.0	10.0	0.6	24.4	1.0	0.0%
8:00 AM	3	29.0	11.7	0.6	47.8	2.0	0.0%
8:00 AM	4	29.0	15.1	0.9	40.9	2.0	0.0%
8:00 AM	5	29.0	8.6	0.6	17.2	1.0	0.0%
8:00 AM	6	29.0	12.5	0.6	44.7	2.0	0.0%
8:00 AM	7	29.0	12.1	0.6	46.2	2.0	0.0%
8:00 AM	8	29.0	21.1	0.9	55.0	2.0	0.0%
8:00 AM	9	29.0	11.7	0.7	48.6	2.0	0.0%
8:00 AM	10	29.0	10.3	0.6	28.0	1.6	0.0%
7:15 AM	Avg	30.0	13.1	0.7	44.6	2.0	0.0%
7:30 AM	Avg	30.0	11.9	0.6	40.4	1.8	0.0%
7:45 AM	Avg	30.0	10.3	0.5	37.7	1.6	0.0%
8:00 AM	Avg	29.0	12.5	0.7	39.8	1.8	0.0%
WB TR on LAKE AVE NW - Lane ID 274784							
7:15 AM	1	30.0	39.8	1.6	156.9	5.5	0.0%
7:15 AM	2	30.0	43.2	1.4	148.4	5.0	0.0%
7:15 AM	3	30.0	25.1	1.0	102.7	4.0	0.0%
7:15 AM	4	30.0	41.4	1.6	158.9	6.0	0.0%
7:15 AM	5	30.0	52.9	1.8	154.1	5.5	0.0%
7:15 AM	6	30.0	53.3	2.0	179.3	7.0	0.0%
7:15 AM	7	30.0	42.6	1.5	148.4	5.5	0.0%
7:15 AM	8	30.0	43.2	1.7	165.9	6.0	0.0%
7:15 AM	9	30.0	44.7	1.7	188.0	6.6	0.0%
7:15 AM	10	30.0	37.9	1.4	148.4	5.0	0.0%
7:30 AM	1	30.0	40.4	1.5	148.4	5.5	0.0%
7:30 AM	2	30.0	45.2	1.6	167.3	5.5	0.0%
7:30 AM	3	30.0	59.8	2.2	178.9	6.5	0.0%
7:30 AM	4	30.0	56.8	2.1	259.7	8.5	0.0%
7:30 AM	5	30.0	67.5	2.3	258.4	8.0	0.0%
7:30 AM	6	30.0	151.7	5.2	531.9	17.6	0.0%
7:30 AM	7	30.0	42.9	1.6	150.1	6.0	0.0%
7:30 AM	8	30.0	37.3	1.4	148.4	5.0	0.0%
7:30 AM	9	30.0	53.6	1.9	171.2	6.0	0.0%
7:30 AM	10	30.0	37.7	1.4	167.0	6.1	0.0%
7:45 AM	1	30.0	40.3	1.5	159.4	5.5	0.0%
7:45 AM	2	30.0	33.8	1.3	126.3	4.5	0.0%
7:45 AM	3	30.0	33.9	1.3	184.8	5.5	0.0%
7:45 AM	4	30.0	58.4	2.2	208.9	6.5	0.0%
7:45 AM	5	30.0	34.9	1.3	148.4	5.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	6	30.0	73.3	2.7	214.7	7.5	0.0%
7:45 AM	7	30.0	62.3	2.2	195.8	7.5	0.0%
7:45 AM	8	30.0	144.6	4.5	627.1	16.6	0.0%
7:45 AM	9	30.0	25.8	1.0	174.4	6.1	0.0%
7:45 AM	10	30.0	29.3	1.1	166.5	5.5	0.0%
8:00 AM	1	29.0	46.5	1.8	170.5	6.2	0.0%
8:00 AM	2	29.0	38.9	1.5	167.6	6.6	0.0%
8:00 AM	3	29.0	35.2	1.3	174.2	6.6	0.0%
8:00 AM	4	29.0	36.1	1.3	148.4	5.0	0.0%
8:00 AM	5	29.0	31.5	1.2	148.4	4.6	0.0%
8:00 AM	6	29.0	112.7	3.8	316.0	10.2	0.0%
8:00 AM	7	29.0	52.0	1.7	217.5	5.6	0.0%
8:00 AM	8	29.0	92.7	3.2	489.9	16.4	0.0%
8:00 AM	9	29.0	38.4	1.5	171.5	6.8	0.0%
8:00 AM	10	29.0	57.3	2.1	215.3	7.6	0.0%
7:15 AM	Avg	30.0	42.4	1.6	155.1	5.6	0.0%
7:30 AM	Avg	30.0	59.3	2.1	218.1	7.5	0.0%
7:45 AM	Avg	30.0	53.7	1.9	220.6	7.0	0.0%
8:00 AM	Avg	29.0	54.1	1.9	221.9	7.6	0.0%

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	3.7	1.2	2.2	6.4	10
7:30 AM	4.4	1.4	2.7	7.0	10
7:45 AM	3.0	1.8	1.1	7.2	10
8:00 AM	4.4	1.5	2.2	7.6	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	118.5	25.8	92.3	172.1	10
7:30 AM	132.2	42.4	82.5	222.3	10
7:45 AM	120.7	36.0	72.7	187.4	10
8:00 AM	100.8	19.5	77.0	139.1	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	4.6	1.1	2.9	6.6	10
7:30 AM	5.7	2.5	2.8	11.9	10
7:45 AM	6.4	1.9	4.1	10.3	10
8:00 AM	5.0	1.0	2.3	5.9	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	27.6	8.2	17.9	39.9	10
7:30 AM	32.3	3.3	27.2	37.5	10
7:45 AM	32.2	6.5	22.0	44.3	10
8:00 AM	30.6	6.4	20.9	38.7	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	38.8	7.9	25.8	50.7	10
7:30 AM	43.5	5.3	36.0	52.4	10
7:45 AM	39.2	12.0	24.2	58.4	10
8:00 AM	38.1	8.6	23.8	50.7	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	20.1	4.3	15.1	25.4	10
7:30 AM	31.2	9.0	21.5	43.0	10
7:45 AM	29.5	12.5	10.7	56.7	10
8:00 AM	22.0	8.0	7.4	35.5	10

SB T on GREAT LAKES BLVD NW - Lane ID 262208

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	18.2	7.5	6.7	28.2	10
7:30 AM	27.4	9.9	16.0	43.7	10
7:45 AM	24.0	10.6	8.2	44.3	10
8:00 AM	30.2	12.6	11.7	57.8	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	22.5	7.4	11.2	34.1	10
7:30 AM	29.1	6.0	19.1	36.9	10
7:45 AM	24.6	7.5	12.3	34.5	10
8:00 AM	28.1	13.9	11.2	64.4	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	56.9	7.9	42.9	65.4	10
7:30 AM	64.3	11.8	45.9	85.5	10
7:45 AM	68.7	13.1	43.6	85.7	10
8:00 AM	75.4	21.7	44.3	105.3	10
WB TR on LAKE AVE NW - Lane ID 262190					
7:15 AM	24.4	5.1	15.1	30.1	10
7:30 AM	25.0	7.1	13.9	40.5	10
7:45 AM	24.2	6.4	13.8	37.4	10
8:00 AM	26.2	7.8	14.4	39.3	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
7:15 AM	74.6	12.0	56.4	97.7	10
7:30 AM	82.7	8.3	70.1	95.5	10
7:45 AM	81.9	15.1	60.6	107.7	10
8:00 AM	86.6	14.8	62.6	105.6	10
EB TR on LAKE AVE NW - Lane ID 262186					
7:15 AM	4.3	2.8	1.6	9.8	10
7:30 AM	6.4	3.4	2.0	13.0	10
7:45 AM	5.1	3.9	0.3	11.9	10
8:00 AM	4.6	2.4	0.5	8.2	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	1.8	1.2	0.2	4.2	10
7:30 AM	1.3	1.0	0.0	3.2	10
7:45 AM	1.3	0.9	0.3	3.5	10
8:00 AM	2.0	1.0	0.7	3.9	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	19.3	4.9	12.6	27.2	10
7:30 AM	21.5	5.8	13.6	34.3	10
7:45 AM	22.1	5.2	14.8	30.4	10
8:00 AM	21.6	5.8	12.6	29.7	10
SB L on [Unnamed Street] - Lane ID 274799					
7:15 AM	3.8	1.6	2.0	7.2	10
7:30 AM	4.7	1.3	2.5	6.5	10
7:45 AM	4.4	1.3	1.5	6.2	10
8:00 AM	5.5	1.5	3.8	9.0	10
SB TR on [Unnamed Street] - Lane ID 274800					
7:15 AM	60.7	8.8	47.2	76.1	10
7:30 AM	63.2	13.6	36.4	85.0	10
7:45 AM	72.6	11.6	55.6	86.4	10
8:00 AM	69.2	18.7	45.7	106.9	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	13.1	2.5	9.5	18.1	10
7:30 AM	11.9	1.8	8.0	14.5	10
7:45 AM	10.3	2.8	5.0	14.4	10
8:00 AM	12.5	3.5	8.6	21.1	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	42.4	7.9	25.1	53.3	10
7:30 AM	59.3	34.0	37.3	151.7	10
7:45 AM	53.7	35.6	25.8	144.6	10
8:00 AM	54.1	27.2	31.5	112.7	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.3	0.1	0.2	0.4	10
7:45 AM	0.2	0.1	0.1	0.4	10
8:00 AM	0.2	0.1	0.1	0.4	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	4.4	0.9	3.5	6.1	10
7:30 AM	4.9	1.5	3.1	8.2	10
7:45 AM	4.5	1.3	2.8	6.7	10
8:00 AM	3.7	0.8	2.9	5.3	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.1	0.1	0.3	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	1.2	0.3	0.8	1.6	10
7:30 AM	1.4	0.1	1.2	1.6	10
7:45 AM	1.4	0.3	1.1	1.9	10
8:00 AM	1.3	0.3	0.9	1.7	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	1.5	0.3	1.0	2.0	10
7:30 AM	1.7	0.2	1.4	2.1	10
7:45 AM	1.6	0.4	1.1	2.3	10
8:00 AM	1.6	0.3	1.0	2.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	0.9	0.2	0.7	1.1	10
7:30 AM	1.3	0.3	1.0	1.7	10
7:45 AM	1.3	0.5	0.6	2.3	10
8:00 AM	0.9	0.3	0.3	1.4	10

SB T on GREAT LAKES BLVD NW - Lane ID 262208

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	0.7	0.3	0.3	1.1	10
7:30 AM	1.1	0.4	0.7	1.7	10
7:45 AM	0.9	0.4	0.4	1.5	10
8:00 AM	1.2	0.5	0.5	2.2	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	0.9	0.3	0.6	1.5	10
7:30 AM	1.1	0.2	0.8	1.3	10
7:45 AM	1.0	0.3	0.6	1.4	10
8:00 AM	1.1	0.5	0.5	2.4	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	2.2	0.3	1.8	2.5	10
7:30 AM	2.5	0.4	1.9	3.0	10
7:45 AM	2.6	0.4	1.8	3.1	10
8:00 AM	2.9	0.8	1.8	3.8	10
WB TR on LAKE AVE NW - Lane ID 262190					
7:15 AM	1.0	0.2	0.7	1.2	10
7:30 AM	1.0	0.3	0.6	1.6	10
7:45 AM	1.0	0.2	0.6	1.5	10
8:00 AM	1.1	0.3	0.7	1.6	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
7:15 AM	2.9	0.5	2.3	3.7	10
7:30 AM	3.1	0.2	2.8	3.5	10
7:45 AM	3.1	0.5	2.3	4.0	10
8:00 AM	3.3	0.5	2.5	4.0	10
EB TR on LAKE AVE NW - Lane ID 262186					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.2	0.2	0.0	0.5	10
8:00 AM	0.2	0.1	0.0	0.4	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.3	10
8:00 AM	0.1	0.0	0.1	0.2	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	0.9	0.2	0.6	1.1	10
7:30 AM	1.0	0.2	0.7	1.4	10
7:45 AM	1.0	0.2	0.7	1.4	10
8:00 AM	1.0	0.2	0.7	1.3	10
SB L on [Unnamed Street] - Lane ID 274799					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.2	0.4	10
7:45 AM	0.3	0.1	0.1	0.4	10
8:00 AM	0.3	0.1	0.2	0.5	10
SB TR on [Unnamed Street] - Lane ID 274800					
7:15 AM	2.0	0.2	1.7	2.4	10
7:30 AM	2.1	0.4	1.4	2.7	10
7:45 AM	2.5	0.4	1.9	2.9	10
8:00 AM	2.3	0.5	1.6	3.5	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	0.7	0.1	0.5	0.8	10
7:30 AM	0.6	0.1	0.5	0.8	10
7:45 AM	0.5	0.2	0.3	0.8	10
8:00 AM	0.7	0.1	0.6	0.9	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	1.6	0.3	1.0	2.0	10
7:30 AM	2.1	1.1	1.4	5.2	10
7:45 AM	1.9	1.1	1.0	4.5	10
8:00 AM	1.9	0.9	1.2	3.8	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	19.3	5.3	14.3	33.5	10
7:30 AM	19.0	2.8	16.3	25.9	10
7:45 AM	15.4	3.7	8.3	18.5	10
8:00 AM	20.4	5.3	16.3	33.4	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	304.5	54.6	243.8	392.5	10
7:30 AM	328.6	97.4	221.9	530.8	10
7:45 AM	309.1	95.9	235.9	523.6	10
8:00 AM	283.6	50.0	216.4	371.1	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	18.9	3.6	16.0	27.6	10
7:30 AM	24.1	10.2	16.1	47.8	10
7:45 AM	27.4	16.6	15.3	69.4	10
8:00 AM	22.0	9.2	16.9	46.1	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	88.5	20.5	62.6	119.3	10
7:30 AM	95.9	10.9	79.7	116.2	10
7:45 AM	93.2	15.7	71.7	127.5	10
8:00 AM	86.3	20.1	49.9	115.8	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	125.5	16.6	89.6	151.1	10
7:30 AM	127.8	14.8	106.4	161.1	10
7:45 AM	118.7	23.6	75.0	146.7	10
8:00 AM	117.2	18.7	77.3	145.2	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	79.7	17.0	46.7	97.6	10
7:30 AM	107.8	24.3	78.4	150.3	10
7:45 AM	103.1	46.4	40.4	196.0	10
8:00 AM	92.9	31.0	46.2	151.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	78.6	28.2	31.8	118.3	10
7:30 AM	113.2	35.5	67.9	178.0	10
7:45 AM	113.5	39.2	60.6	181.3	10
8:00 AM	122.6	46.6	56.2	216.9	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	101.5	32.9	53.2	158.2	10
7:30 AM	125.7	35.3	72.8	181.2	10
7:45 AM	110.6	32.0	57.8	147.2	10
8:00 AM	113.1	52.1	52.4	239.4	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	172.6	16.0	153.8	195.4	10
7:30 AM	193.7	29.9	156.7	237.8	10
7:45 AM	194.9	26.3	135.9	220.8	10
8:00 AM	200.5	34.8	157.6	250.4	10
WB TR on LAKE AVE NW - Lane ID 262190					
7:15 AM	101.0	17.9	69.6	131.9	10
7:30 AM	102.6	25.0	60.4	142.7	10
7:45 AM	93.8	23.4	48.9	121.7	10
8:00 AM	112.5	37.8	77.4	185.4	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
7:15 AM	195.9	19.0	157.2	220.8	10
7:30 AM	207.3	16.7	187.6	233.5	10
7:45 AM	207.0	17.4	177.9	238.5	10
8:00 AM	199.6	17.7	177.5	221.5	10
EB TR on LAKE AVE NW - Lane ID 262186					
7:15 AM	26.6	23.3	8.5	75.1	10
7:30 AM	38.1	18.7	10.3	73.0	10
7:45 AM	29.6	23.3	0.0	68.1	10
8:00 AM	28.0	13.8	0.0	43.2	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	12.0	6.3	0.0	17.9	10
7:30 AM	9.3	7.6	0.0	24.1	10
7:45 AM	8.5	7.6	0.0	16.1	10
8:00 AM	15.8	6.4	3.0	24.8	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	68.2	15.8	45.6	88.8	10
7:30 AM	70.4	10.7	56.2	88.3	10
7:45 AM	68.9	10.2	53.7	86.5	10
8:00 AM	68.8	18.0	40.5	91.1	10
SB L on [Unnamed Street] - Lane ID 274799					
7:15 AM	20.1	5.5	16.2	33.8	10
7:30 AM	22.8	5.8	17.7	32.8	10
7:45 AM	19.9	8.4	9.9	42.0	10
8:00 AM	20.1	6.2	15.9	37.1	10
SB TR on [Unnamed Street] - Lane ID 274800					
7:15 AM	174.2	20.1	165.8	229.1	10
7:30 AM	174.9	13.4	165.8	202.2	10
7:45 AM	186.7	23.3	165.8	228.0	10
8:00 AM	172.0	8.7	165.8	188.4	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	44.6	9.6	32.8	69.2	10
7:30 AM	40.4	11.7	16.9	48.8	10
7:45 AM	37.7	10.2	17.3	48.1	10
8:00 AM	39.8	12.3	17.2	55.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	155.1	22.8	102.7	188.0	10
7:30 AM	218.1	117.9	148.4	531.9	10
7:45 AM	220.6	145.4	126.3	627.1	10
8:00 AM	221.9	106.4	148.4	489.9	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	1.0	0.0	1.0	1.0	10
7:30 AM	1.0	0.0	1.0	1.0	10
7:45 AM	0.9	0.2	0.5	1.0	10
8:00 AM	1.0	0.0	1.0	1.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	10.8	2.0	9.0	14.0	10
7:30 AM	11.6	3.4	8.0	19.5	10
7:45 AM	11.3	3.2	9.0	18.1	10
8:00 AM	10.1	1.6	8.0	13.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	1.0	0.0	1.0	1.0	10
7:30 AM	1.2	0.2	1.0	1.5	10
7:45 AM	1.1	0.2	1.0	1.5	10
8:00 AM	1.1	0.3	1.0	2.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	3.5	0.5	3.0	4.0	10
7:30 AM	3.6	0.4	3.0	4.0	10
7:45 AM	3.9	0.6	3.0	5.0	10
8:00 AM	3.3	0.7	2.0	4.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	4.6	0.5	4.0	5.5	10
7:30 AM	5.0	0.5	4.5	6.0	10
7:45 AM	4.5	0.7	3.0	5.0	10
8:00 AM	4.6	0.6	3.6	5.6	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	3.3	0.7	2.0	4.0	10
7:30 AM	4.1	0.6	3.0	5.0	10
7:45 AM	4.0	1.7	2.0	7.5	10
8:00 AM	3.3	0.9	2.0	5.0	10

SB T on GREAT LAKES BLVD NW - Lane ID 262208

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	3.1	1.0	1.5	4.5	10
7:30 AM	4.4	1.2	3.0	7.1	10
7:45 AM	4.1	1.2	2.5	6.0	10
8:00 AM	4.7	1.5	2.8	7.6	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	3.9	1.2	2.5	6.5	10
7:30 AM	4.4	0.9	3.0	5.5	10
7:45 AM	4.2	1.2	2.5	6.0	10
8:00 AM	4.3	1.8	2.0	8.4	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	6.4	0.5	6.0	7.1	10
7:30 AM	7.1	0.8	6.0	8.0	10
7:45 AM	7.2	0.9	5.0	8.1	10
8:00 AM	7.5	1.2	6.0	9.0	10
WB TR on LAKE AVE NW - Lane ID 262190					
7:15 AM	3.6	0.6	3.0	4.6	10
7:30 AM	3.8	0.8	2.5	5.1	10
7:45 AM	3.6	0.9	2.0	4.5	10
8:00 AM	4.2	1.2	3.0	6.2	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
7:15 AM	7.0	0.6	6.0	8.0	10
7:30 AM	7.3	0.7	6.5	8.5	10
7:45 AM	7.5	0.4	7.0	8.5	10
8:00 AM	7.4	0.7	6.6	9.0	10
EB TR on LAKE AVE NW - Lane ID 262186					
7:15 AM	1.2	0.6	0.5	2.5	10
7:30 AM	1.6	0.6	0.5	2.5	10
7:45 AM	1.4	0.8	0.0	2.5	10
8:00 AM	1.4	0.7	0.0	2.0	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	0.8	0.3	0.0	1.0	10
7:30 AM	0.8	0.5	0.0	1.5	10
7:45 AM	0.6	0.5	0.0	1.0	10
8:00 AM	0.9	0.2	0.6	1.0	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	2.7	0.5	2.0	3.5	10
7:30 AM	2.8	0.3	2.5	3.0	10
7:45 AM	2.9	0.5	2.0	3.5	10
8:00 AM	2.7	0.4	2.0	3.0	10
SB L on [Unnamed Street] - Lane ID 274799					
7:15 AM	1.1	0.2	1.0	1.5	10
7:30 AM	1.1	0.2	1.0	1.5	10
7:45 AM	1.0	0.2	0.5	1.0	10
8:00 AM	1.1	0.2	1.0	1.6	10
SB TR on [Unnamed Street] - Lane ID 274800					
7:15 AM	5.8	1.0	5.0	8.0	10
7:30 AM	5.8	1.0	5.0	7.1	10
7:45 AM	6.6	0.8	5.5	8.0	10
8:00 AM	5.8	0.6	4.6	6.6	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	2.0	0.2	1.5	2.0	10
7:30 AM	1.8	0.4	1.0	2.0	10
7:45 AM	1.6	0.4	1.0	2.0	10
8:00 AM	1.8	0.4	1.0	2.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	5.6	0.9	4.0	7.0	10
7:30 AM	7.5	3.7	5.0	17.6	10
7:45 AM	7.0	3.5	4.5	16.6	10
8:00 AM	7.6	3.5	4.6	16.4	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.1	0.1	0.0	0.2	10
WB TR on LAKE AVE NW - Lane ID 262190					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.1	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.1	10
EB TR on LAKE AVE NW - Lane ID 262186					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB L on [Unnamed Street] - Lane ID 274799					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB TR on [Unnamed Street] - Lane ID 274800					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM	1	84.0	1.80	76.8	E
3:30 PM	Avg	--	--	58.1	E

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM					--

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM					--

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262156							
3:30 PM	1	30.0	10.8	0.5	45.5	2.0	0.0%
3:30 PM	2	30.0	14.8	0.6	59.9	2.0	0.0%
3:30 PM	3	30.0	11.9	0.6	24.9	1.0	0.0%
3:30 PM	4	30.0	9.9	0.6	17.2	1.0	0.0%
3:30 PM	5	30.0	14.4	0.7	33.6	1.0	0.0%
3:30 PM	6	30.0	11.9	0.6	41.9	2.0	0.0%
3:30 PM	7	30.0	15.4	0.8	37.2	2.0	0.0%
3:30 PM	8	30.0	10.5	0.6	18.4	1.0	0.0%
3:30 PM	9	30.0	6.2	0.4	17.5	1.0	0.0%
3:30 PM	10	30.0	15.3	0.8	44.8	2.0	0.0%
3:45 PM	1	30.0	17.0	0.8	47.1	2.0	0.0%
3:45 PM	2	30.0	10.2	0.5	28.5	1.0	0.0%
3:45 PM	3	30.0	14.6	0.8	27.1	1.0	0.0%
3:45 PM	4	30.0	9.4	0.5	19.2	1.0	0.0%
3:45 PM	5	30.0	14.1	0.6	57.3	2.0	0.0%
3:45 PM	6	30.0	12.2	0.6	47.2	2.0	0.0%
3:45 PM	7	30.0	8.1	0.5	25.2	1.0	0.0%
3:45 PM	8	30.0	11.8	0.7	20.5	1.0	0.0%
3:45 PM	9	30.0	11.4	0.6	26.5	1.0	0.0%
3:45 PM	10	30.0	8.7	0.5	30.6	1.5	0.0%
4:00 PM	1	30.0	11.8	0.6	45.0	2.0	0.0%
4:00 PM	2	30.0	9.6	0.6	19.2	1.0	0.0%
4:00 PM	3	30.0	9.8	0.6	18.2	1.0	0.0%
4:00 PM	4	30.0	8.9	0.6	20.6	1.0	0.0%
4:00 PM	5	30.0	16.2	0.9	41.2	2.0	0.0%
4:00 PM	6	30.0	14.0	0.7	34.1	1.0	0.0%
4:00 PM	7	30.0	12.6	0.7	43.1	2.0	0.0%
4:00 PM	8	30.0	11.6	0.7	36.5	1.5	0.0%
4:00 PM	9	30.0	14.1	0.6	37.5	1.5	0.0%
4:00 PM	10	30.0	13.0	0.7	30.2	1.5	0.0%
4:15 PM	1	29.0	7.7	0.4	30.4	1.6	0.0%
4:15 PM	2	29.0	12.1	0.7	36.8	2.0	0.0%
4:15 PM	3	29.0	7.4	0.4	17.3	1.0	0.0%
4:15 PM	4	29.0	7.0	0.4	42.7	2.0	0.0%
4:15 PM	5	29.0	13.3	0.7	43.6	2.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	14.0	0.7	47.6	2.0	0.0%
4:15 PM	7	29.0	9.9	0.6	32.4	1.6	0.0%
4:15 PM	8	29.0	9.6	0.6	19.2	1.0	0.0%
4:15 PM	9	29.0	13.7	0.8	24.4	1.0	0.0%
4:15 PM	10	29.0	8.9	0.5	19.0	1.0	0.0%
3:30 PM	Avg	30.0	12.1	0.6	34.1	1.5	0.0%
3:45 PM	Avg	30.0	11.8	0.6	32.9	1.4	0.0%
4:00 PM	Avg	30.0	12.2	0.7	32.6	1.5	0.0%
4:15 PM	Avg	29.0	10.4	0.6	31.3	1.5	0.0%
EB TR on LAKE AVE NW - Lane ID 262157							
3:30 PM	1	30.0	172.9	6.1	470.4	16.6	3.3%
3:30 PM	2	30.0	113.5	4.2	236.4	9.0	0.0%
3:30 PM	3	30.0	123.6	4.5	346.1	11.0	0.0%
3:30 PM	4	30.0	107.7	4.0	275.2	9.5	0.0%
3:30 PM	5	30.0	88.4	3.4	220.1	8.5	0.0%
3:30 PM	6	30.0	182.5	6.0	512.1	16.7	6.7%
3:30 PM	7	30.0	183.4	6.5	403.3	14.0	0.0%
3:30 PM	8	30.0	100.6	3.8	242.9	9.0	0.0%
3:30 PM	9	30.0	101.3	3.4	285.0	9.5	0.0%
3:30 PM	10	30.0	164.2	5.8	354.1	12.5	0.0%
3:45 PM	1	30.0	260.5	9.1	460.8	16.0	0.0%
3:45 PM	2	30.0	98.3	3.6	240.8	7.0	0.0%
3:45 PM	3	30.0	95.2	3.8	230.8	8.5	0.0%
3:45 PM	4	30.0	120.1	4.0	290.3	9.0	0.0%
3:45 PM	5	30.0	366.7	12.4	619.2	22.5	43.3%
3:45 PM	6	30.0	259.4	9.2	477.4	17.1	0.0%
3:45 PM	7	30.0	166.1	6.2	372.9	14.0	0.0%
3:45 PM	8	30.0	139.5	4.9	281.6	10.5	0.0%
3:45 PM	9	30.0	109.9	4.3	272.4	10.0	0.0%
3:45 PM	10	30.0	153.2	5.4	357.7	12.0	0.0%
4:00 PM	1	30.0	110.3	4.0	286.0	10.6	0.0%
4:00 PM	2	30.0	71.9	2.7	239.9	8.1	0.0%
4:00 PM	3	30.0	108.0	4.1	233.9	8.5	0.0%
4:00 PM	4	30.0	124.9	4.5	285.6	10.0	0.0%
4:00 PM	5	30.0	289.1	10.3	615.1	21.5	13.3%
4:00 PM	6	30.0	155.4	5.7	321.4	11.5	0.0%
4:00 PM	7	30.0	145.1	5.4	312.8	11.5	0.0%
4:00 PM	8	30.0	144.8	5.3	313.7	10.5	0.0%
4:00 PM	9	30.0	163.5	6.2	374.3	14.1	0.0%
4:00 PM	10	30.0	156.5	5.6	334.4	10.5	0.0%
4:15 PM	1	29.0	84.4	3.3	234.7	8.6	0.0%
4:15 PM	2	29.0	206.4	7.2	468.9	17.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	147.3	5.8	413.4	16.0	0.0%
4:15 PM	4	29.0	75.8	2.7	221.9	7.0	0.0%
4:15 PM	5	29.0	244.0	9.0	578.9	21.6	6.9%
4:15 PM	6	29.0	146.4	5.5	353.3	12.0	0.0%
4:15 PM	7	29.0	165.8	6.0	343.7	12.6	0.0%
4:15 PM	8	29.0	128.8	4.6	325.6	10.6	0.0%
4:15 PM	9	29.0	140.9	5.0	318.8	11.0	0.0%
4:15 PM	10	29.0	180.8	6.2	518.9	17.6	3.4%
3:30 PM	Avg	30.0	133.8	4.8	334.6	11.6	1.0%
3:45 PM	Avg	30.0	176.9	6.3	360.4	12.7	4.3%
4:00 PM	Avg	30.0	147.0	5.4	331.7	11.7	1.3%
4:15 PM	Avg	29.0	152.1	5.5	377.8	13.4	1.0%
NWB L on GREAT LAKES BLVD NW - Lane ID 262214							
3:30 PM	1	30.0	4.0	0.2	17.8	1.0	0.0%
3:30 PM	2	30.0	7.8	0.2	55.0	1.0	0.0%
3:30 PM	3	30.0	5.4	0.3	25.2	1.0	0.0%
3:30 PM	4	30.0	4.1	0.3	18.1	1.0	0.0%
3:30 PM	5	30.0	5.3	0.3	18.0	1.0	0.0%
3:30 PM	6	30.0	4.5	0.2	21.4	1.0	0.0%
3:30 PM	7	30.0	3.4	0.2	19.1	1.0	0.0%
3:30 PM	8	30.0	4.7	0.3	18.8	1.0	0.0%
3:30 PM	9	30.0	3.5	0.2	19.5	1.0	0.0%
3:30 PM	10	30.0	4.6	0.2	23.6	1.0	0.0%
3:45 PM	1	30.0	5.2	0.3	19.4	1.0	0.0%
3:45 PM	2	30.0	3.0	0.2	16.9	1.0	0.0%
3:45 PM	3	30.0	7.0	0.4	18.1	1.0	0.0%
3:45 PM	4	30.0	5.5	0.3	18.6	1.0	0.0%
3:45 PM	5	30.0	3.1	0.1	24.5	1.1	0.0%
3:45 PM	6	30.0	5.3	0.3	17.9	1.0	0.0%
3:45 PM	7	30.0	6.3	0.3	37.9	1.5	0.0%
3:45 PM	8	30.0	10.2	0.4	54.5	1.5	0.0%
3:45 PM	9	30.0	3.6	0.2	16.9	1.0	0.0%
3:45 PM	10	30.0	3.9	0.2	17.9	1.0	0.0%
4:00 PM	1	30.0	5.0	0.3	17.5	1.0	0.0%
4:00 PM	2	30.0	5.4	0.3	17.3	1.0	0.0%
4:00 PM	3	30.0	5.2	0.3	17.5	1.0	0.0%
4:00 PM	4	30.0	3.8	0.3	15.8	1.0	0.0%
4:00 PM	5	30.0	6.8	0.4	17.2	1.0	0.0%
4:00 PM	6	30.0	6.0	0.4	18.1	1.0	0.0%
4:00 PM	7	30.0	4.4	0.3	16.1	1.0	0.0%
4:00 PM	8	30.0	3.5	0.2	27.6	1.5	0.0%
4:00 PM	9	30.0	4.8	0.3	18.4	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	5.0	0.3	18.2	1.0	0.0%
4:15 PM	1	29.0	5.1	0.3	17.9	1.0	0.0%
4:15 PM	2	29.0	4.3	0.3	17.1	1.0	0.0%
4:15 PM	3	29.0	4.8	0.3	18.5	1.0	0.0%
4:15 PM	4	29.0	6.9	0.3	21.1	1.0	0.0%
4:15 PM	5	29.0	4.9	0.3	19.2	1.0	0.0%
4:15 PM	6	29.0	6.8	0.4	22.7	1.0	0.0%
4:15 PM	7	29.0	5.8	0.3	34.1	1.6	0.0%
4:15 PM	8	29.0	2.1	0.1	15.7	1.0	0.0%
4:15 PM	9	29.0	2.7	0.2	16.0	1.0	0.0%
4:15 PM	10	29.0	3.7	0.2	16.3	1.0	0.0%
3:30 PM	Avg	30.0	4.7	0.2	23.7	1.0	0.0%
3:45 PM	Avg	30.0	5.3	0.3	24.3	1.1	0.0%
4:00 PM	Avg	30.0	5.0	0.3	18.4	1.1	0.0%
4:15 PM	Avg	29.0	4.7	0.3	19.9	1.1	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 262215							
3:30 PM	1	30.0	75.9	2.9	179.8	6.5	0.0%
3:30 PM	2	30.0	64.2	2.7	160.8	6.0	0.0%
3:30 PM	3	30.0	54.6	2.0	176.5	6.0	0.0%
3:30 PM	4	30.0	48.8	1.9	150.9	6.0	0.0%
3:30 PM	5	30.0	56.0	2.3	148.3	6.0	0.0%
3:30 PM	6	30.0	68.0	2.5	213.3	7.1	0.0%
3:30 PM	7	30.0	45.9	1.8	143.1	5.5	0.0%
3:30 PM	8	30.0	48.2	2.0	159.3	6.0	0.0%
3:30 PM	9	30.0	55.2	2.1	136.5	5.0	0.0%
3:30 PM	10	30.0	42.2	1.6	150.1	5.0	0.0%
3:45 PM	1	30.0	72.1	2.7	190.1	7.0	0.0%
3:45 PM	2	30.0	74.1	2.6	195.1	7.0	0.0%
3:45 PM	3	30.0	67.5	2.7	180.6	7.0	0.0%
3:45 PM	4	30.0	56.2	2.3	143.0	5.5	0.0%
3:45 PM	5	30.0	73.6	2.8	176.0	6.5	0.0%
3:45 PM	6	30.0	78.8	3.1	222.8	8.0	0.0%
3:45 PM	7	30.0	60.1	2.3	164.4	6.1	0.0%
3:45 PM	8	30.0	62.8	2.6	158.5	6.5	0.0%
3:45 PM	9	30.0	84.8	3.0	199.2	7.0	0.0%
3:45 PM	10	30.0	68.0	2.6	185.7	6.5	0.0%
4:00 PM	1	30.0	81.0	3.2	184.7	7.0	0.0%
4:00 PM	2	30.0	71.2	3.0	163.8	7.0	0.0%
4:00 PM	3	30.0	73.7	3.0	191.8	7.5	0.0%
4:00 PM	4	30.0	79.5	2.9	208.2	6.5	0.0%
4:00 PM	5	30.0	80.5	3.1	233.8	8.0	0.0%
4:00 PM	6	30.0	65.3	2.6	178.3	6.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	57.0	2.3	151.1	6.0	0.0%
4:00 PM	8	30.0	91.9	3.2	220.3	7.0	0.0%
4:00 PM	9	30.0	72.4	2.7	184.1	7.0	0.0%
4:00 PM	10	30.0	61.7	2.5	198.5	7.5	0.0%
4:15 PM	1	29.0	107.0	3.9	227.0	8.0	0.0%
4:15 PM	2	29.0	71.0	2.8	177.5	6.0	0.0%
4:15 PM	3	29.0	46.0	1.8	121.4	4.6	0.0%
4:15 PM	4	29.0	57.7	2.2	174.2	6.6	0.0%
4:15 PM	5	29.0	70.9	2.7	187.1	6.6	0.0%
4:15 PM	6	29.0	74.8	2.8	185.8	7.0	0.0%
4:15 PM	7	29.0	82.7	3.1	191.0	7.0	0.0%
4:15 PM	8	29.0	55.4	2.1	159.9	6.0	0.0%
4:15 PM	9	29.0	89.3	3.4	221.0	7.6	0.0%
4:15 PM	10	29.0	85.4	3.3	195.1	7.6	0.0%
3:30 PM	Avg	30.0	55.9	2.2	161.9	5.9	0.0%
3:45 PM	Avg	30.0	69.8	2.7	181.5	6.7	0.0%
4:00 PM	Avg	30.0	73.4	2.9	191.5	7.0	0.0%
4:15 PM	Avg	29.0	74.0	2.8	184.0	6.7	0.0%

NWB TR on GREAT LAKES BLVD NW - Lane ID 262216

3:30 PM	1	30.0	59.7	2.2	223.2	6.6	0.0%
3:30 PM	2	30.0	86.6	3.2	284.6	9.5	0.0%
3:30 PM	3	30.0	71.3	2.5	184.6	6.0	0.0%
3:30 PM	4	30.0	83.8	3.1	257.5	9.5	0.0%
3:30 PM	5	30.0	54.3	2.1	223.2	8.0	0.0%
3:30 PM	6	30.0	92.8	3.2	223.7	7.5	0.0%
3:30 PM	7	30.0	38.8	1.5	168.0	6.1	0.0%
3:30 PM	8	30.0	30.9	1.2	130.5	5.0	0.0%
3:30 PM	9	30.0	55.5	2.1	171.6	7.0	0.0%
3:30 PM	10	30.0	48.6	1.8	189.7	7.0	0.0%
3:45 PM	1	30.0	64.1	2.5	199.2	7.1	0.0%
3:45 PM	2	30.0	85.4	3.2	223.8	8.0	0.0%
3:45 PM	3	30.0	110.6	4.0	295.6	11.0	0.0%
3:45 PM	4	30.0	59.5	2.2	205.8	7.0	0.0%
3:45 PM	5	30.0	116.3	4.1	285.3	9.5	0.0%
3:45 PM	6	30.0	98.4	3.6	347.1	10.5	0.0%
3:45 PM	7	30.0	74.0	2.6	252.4	8.5	0.0%
3:45 PM	8	30.0	77.1	2.9	201.0	8.0	0.0%
3:45 PM	9	30.0	110.1	4.1	243.1	9.0	0.0%
3:45 PM	10	30.0	82.5	3.1	234.5	8.0	0.0%
4:00 PM	1	30.0	105.4	4.1	233.7	8.5	0.0%
4:00 PM	2	30.0	112.1	4.1	238.2	9.0	0.0%
4:00 PM	3	30.0	95.3	3.6	264.0	9.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	90.6	3.1	233.7	8.0	0.0%
4:00 PM	5	30.0	83.0	3.1	280.8	10.5	0.0%
4:00 PM	6	30.0	90.5	3.4	225.5	8.0	0.0%
4:00 PM	7	30.0	64.0	2.5	203.4	8.0	0.0%
4:00 PM	8	30.0	94.1	3.4	296.6	10.1	0.0%
4:00 PM	9	30.0	83.5	3.1	238.0	9.0	0.0%
4:00 PM	10	30.0	71.2	2.6	233.7	8.0	0.0%
4:15 PM	1	29.0	158.0	5.6	349.6	11.6	0.0%
4:15 PM	2	29.0	97.4	3.7	253.2	9.8	0.0%
4:15 PM	3	29.0	67.5	2.6	166.0	6.0	0.0%
4:15 PM	4	29.0	75.4	2.9	213.4	8.2	0.0%
4:15 PM	5	29.0	51.5	1.9	207.1	7.0	0.0%
4:15 PM	6	29.0	62.9	2.5	173.9	6.6	0.0%
4:15 PM	7	29.0	103.9	3.6	271.6	9.6	0.0%
4:15 PM	8	29.0	50.0	2.0	184.6	6.6	0.0%
4:15 PM	9	29.0	89.5	3.3	299.9	10.6	0.0%
4:15 PM	10	29.0	71.0	2.7	223.7	7.6	0.0%
3:30 PM	Avg	30.0	62.2	2.3	205.7	7.2	0.0%
3:45 PM	Avg	30.0	87.8	3.2	248.8	8.7	0.0%
4:00 PM	Avg	30.0	89.0	3.3	244.8	8.9	0.0%
4:15 PM	Avg	29.0	82.7	3.1	234.3	8.4	0.0%

SB L on GREAT LAKES BLVD NW - Lane ID 262207

3:30 PM	1	30.0	35.1	1.4	119.8	5.0	0.0%
3:30 PM	2	30.0	16.7	0.8	86.1	3.5	0.0%
3:30 PM	3	30.0	28.2	1.2	107.0	4.0	0.0%
3:30 PM	4	30.0	42.0	1.8	135.1	5.5	0.0%
3:30 PM	5	30.0	38.0	1.6	166.8	6.5	0.0%
3:30 PM	6	30.0	33.0	1.3	170.3	6.5	0.0%
3:30 PM	7	30.0	41.5	1.8	131.0	5.0	0.0%
3:30 PM	8	30.0	24.6	1.1	78.4	3.0	0.0%
3:30 PM	9	30.0	19.7	1.0	49.3	2.0	0.0%
3:30 PM	10	30.0	50.4	2.0	191.6	7.0	0.0%
3:45 PM	1	30.0	71.6	2.8	181.1	7.1	0.0%
3:45 PM	2	30.0	91.1	3.4	319.9	11.1	0.0%
3:45 PM	3	30.0	42.7	1.6	151.3	5.0	0.0%
3:45 PM	4	30.0	49.4	2.1	157.1	5.6	0.0%
3:45 PM	5	30.0	65.2	2.5	161.3	5.5	0.0%
3:45 PM	6	30.0	20.7	1.0	74.6	3.0	0.0%
3:45 PM	7	30.0	39.1	1.8	113.1	4.5	0.0%
3:45 PM	8	30.0	33.3	1.4	145.0	5.6	0.0%
3:45 PM	9	30.0	39.2	1.5	117.6	4.0	0.0%
3:45 PM	10	30.0	26.3	1.2	85.8	3.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	1	30.0	65.4	2.5	172.6	6.1	0.0%
4:00 PM	2	30.0	43.2	1.8	117.5	4.5	0.0%
4:00 PM	3	30.0	32.2	1.5	84.5	3.5	0.0%
4:00 PM	4	30.0	52.3	1.9	140.9	5.0	0.0%
4:00 PM	5	30.0	32.2	1.4	102.5	4.1	0.0%
4:00 PM	6	30.0	61.9	2.4	225.1	8.1	0.0%
4:00 PM	7	30.0	38.2	1.6	96.1	3.5	0.0%
4:00 PM	8	30.0	55.8	2.2	198.5	7.1	0.0%
4:00 PM	9	30.0	63.5	2.2	171.0	6.0	0.0%
4:00 PM	10	30.0	49.9	2.0	125.1	5.0	0.0%
4:15 PM	1	29.0	46.2	1.7	132.8	4.6	0.0%
4:15 PM	2	29.0	26.0	1.2	99.2	4.0	0.0%
4:15 PM	3	29.0	40.3	1.7	123.9	5.2	0.0%
4:15 PM	4	29.0	102.4	4.0	235.7	8.6	0.0%
4:15 PM	5	29.0	27.4	1.2	88.8	3.6	0.0%
4:15 PM	6	29.0	45.2	1.7	126.2	4.0	0.0%
4:15 PM	7	29.0	50.2	1.9	151.3	5.0	0.0%
4:15 PM	8	29.0	77.0	3.1	207.8	8.2	0.0%
4:15 PM	9	29.0	43.8	1.7	136.2	5.2	0.0%
4:15 PM	10	29.0	52.4	1.8	119.6	4.0	0.0%
3:30 PM	Avg	30.0	32.9	1.4	123.5	4.8	0.0%
3:45 PM	Avg	30.0	47.9	1.9	150.7	5.5	0.0%
4:00 PM	Avg	30.0	49.5	2.0	143.4	5.3	0.0%
4:15 PM	Avg	29.0	51.1	2.0	142.2	5.2	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 262208

3:30 PM	1	30.0	23.4	1.0	147.5	5.7	0.0%
3:30 PM	2	30.0	14.7	0.6	84.3	3.0	0.0%
3:30 PM	3	30.0	13.7	0.6	71.4	2.5	0.0%
3:30 PM	4	30.0	12.7	0.5	117.9	4.5	0.0%
3:30 PM	5	30.0	32.5	1.3	155.8	5.6	0.0%
3:30 PM	6	30.0	20.1	0.8	124.5	5.1	0.0%
3:30 PM	7	30.0	14.5	0.6	76.5	3.1	0.0%
3:30 PM	8	30.0	20.7	0.8	96.3	3.5	0.0%
3:30 PM	9	30.0	18.5	0.8	67.0	2.5	0.0%
3:30 PM	10	30.0	19.6	0.8	77.6	3.0	0.0%
3:45 PM	1	30.0	16.4	0.7	87.6	3.5	0.0%
3:45 PM	2	30.0	27.7	1.1	94.0	3.0	0.0%
3:45 PM	3	30.0	17.1	0.8	77.1	3.0	0.0%
3:45 PM	4	30.0	12.7	0.6	72.5	3.0	0.0%
3:45 PM	5	30.0	14.8	0.7	101.0	4.5	0.0%
3:45 PM	6	30.0	16.2	0.7	80.7	3.0	0.0%
3:45 PM	7	30.0	20.2	0.8	104.7	4.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	21.3	0.8	115.4	4.5	0.0%
3:45 PM	9	30.0	24.2	0.9	135.2	4.0	0.0%
3:45 PM	10	30.0	12.7	0.5	70.3	3.1	0.0%
4:00 PM	1	30.0	34.3	1.4	126.5	4.0	0.0%
4:00 PM	2	30.0	26.3	1.1	73.4	3.0	0.0%
4:00 PM	3	30.0	25.3	1.0	107.8	3.5	0.0%
4:00 PM	4	30.0	31.2	1.1	150.6	5.0	0.0%
4:00 PM	5	30.0	25.9	1.0	127.3	4.0	0.0%
4:00 PM	6	30.0	20.3	0.8	107.5	3.5	0.0%
4:00 PM	7	30.0	15.6	0.8	75.7	3.1	0.0%
4:00 PM	8	30.0	33.6	1.3	150.9	5.5	0.0%
4:00 PM	9	30.0	16.6	0.7	88.0	4.0	0.0%
4:00 PM	10	30.0	19.5	0.9	103.3	4.0	0.0%
4:15 PM	1	29.0	23.1	1.0	115.2	4.2	0.0%
4:15 PM	2	29.0	10.1	0.5	61.3	2.6	0.0%
4:15 PM	3	29.0	20.2	0.9	103.6	4.2	0.0%
4:15 PM	4	29.0	22.6	0.7	97.6	3.0	0.0%
4:15 PM	5	29.0	27.1	1.0	113.4	4.6	0.0%
4:15 PM	6	29.0	35.8	1.4	129.0	5.0	0.0%
4:15 PM	7	29.0	33.2	1.3	151.1	5.6	0.0%
4:15 PM	8	29.0	20.4	0.8	91.1	3.6	0.0%
4:15 PM	9	29.0	10.9	0.5	59.8	2.6	0.0%
4:15 PM	10	29.0	30.6	1.3	105.2	4.0	0.0%
3:30 PM	Avg	30.0	19.0	0.8	101.9	3.9	0.0%
3:45 PM	Avg	30.0	18.3	0.8	93.9	3.6	0.0%
4:00 PM	Avg	30.0	24.9	1.0	111.1	4.0	0.0%
4:15 PM	Avg	29.0	23.4	0.9	102.7	3.9	0.0%

SB TR on GREAT LAKES BLVD NW - Lane ID 262209

3:30 PM	1	30.0	11.8	0.6	52.2	2.5	0.0%
3:30 PM	2	30.0	10.3	0.5	53.8	2.0	0.0%
3:30 PM	3	30.0	19.2	0.7	98.4	2.0	0.0%
3:30 PM	4	30.0	15.2	0.7	62.8	2.5	0.0%
3:30 PM	5	30.0	38.8	1.5	180.9	6.7	0.0%
3:30 PM	6	30.0	20.3	0.8	152.6	6.1	0.0%
3:30 PM	7	30.0	14.3	0.6	121.5	4.5	0.0%
3:30 PM	8	30.0	17.3	0.7	89.5	3.5	0.0%
3:30 PM	9	30.0	24.5	1.0	96.1	4.0	0.0%
3:30 PM	10	30.0	25.2	1.0	117.3	4.5	0.0%
3:45 PM	1	30.0	25.2	1.0	115.2	4.0	0.0%
3:45 PM	2	30.0	29.7	1.2	164.2	6.2	0.0%
3:45 PM	3	30.0	17.7	0.7	113.6	4.5	0.0%
3:45 PM	4	30.0	22.7	1.0	92.1	3.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	17.0	0.7	66.8	3.0	0.0%
3:45 PM	6	30.0	17.6	0.8	73.0	3.0	0.0%
3:45 PM	7	30.0	21.6	0.8	72.8	2.5	0.0%
3:45 PM	8	30.0	30.4	1.1	117.4	3.5	0.0%
3:45 PM	9	30.0	24.7	1.0	97.6	4.0	0.0%
3:45 PM	10	30.0	14.0	0.6	70.4	3.1	0.0%
4:00 PM	1	30.0	39.6	1.4	137.9	4.0	0.0%
4:00 PM	2	30.0	31.5	1.3	98.6	3.5	0.0%
4:00 PM	3	30.0	32.1	1.3	129.9	5.1	0.0%
4:00 PM	4	30.0	22.9	0.9	127.5	5.1	0.0%
4:00 PM	5	30.0	15.3	0.7	109.3	4.0	0.0%
4:00 PM	6	30.0	23.9	1.0	89.1	3.5	0.0%
4:00 PM	7	30.0	23.7	1.0	103.2	4.0	0.0%
4:00 PM	8	30.0	35.4	1.5	175.7	6.6	0.0%
4:00 PM	9	30.0	16.3	0.7	100.4	4.0	0.0%
4:00 PM	10	30.0	22.7	0.9	109.8	4.5	0.0%
4:15 PM	1	29.0	26.7	1.1	96.0	3.6	0.0%
4:15 PM	2	29.0	9.5	0.5	42.4	2.0	0.0%
4:15 PM	3	29.0	22.5	0.9	111.8	4.6	0.0%
4:15 PM	4	29.0	25.5	1.1	96.5	4.0	0.0%
4:15 PM	5	29.0	19.7	0.8	110.7	4.2	0.0%
4:15 PM	6	29.0	47.3	1.7	193.8	6.6	0.0%
4:15 PM	7	29.0	33.0	1.3	164.3	6.0	0.0%
4:15 PM	8	29.0	20.3	0.9	78.4	3.2	0.0%
4:15 PM	9	29.0	10.8	0.5	54.2	2.6	0.0%
4:15 PM	10	29.0	40.2	1.7	128.0	5.0	0.0%
3:30 PM	Avg	30.0	19.7	0.8	102.5	3.8	0.0%
3:45 PM	Avg	30.0	22.1	0.9	98.3	3.7	0.0%
4:00 PM	Avg	30.0	26.3	1.1	118.1	4.4	0.0%
4:15 PM	Avg	29.0	25.6	1.1	107.6	4.2	0.0%
WB L on LAKE AVE NW - Lane ID 262189							
3:30 PM	1	30.0	60.5	2.4	162.7	6.5	0.0%
3:30 PM	2	30.0	54.4	2.0	179.2	6.0	0.0%
3:30 PM	3	30.0	66.6	2.8	158.7	6.5	0.0%
3:30 PM	4	30.0	77.2	3.0	179.6	6.5	3.3%
3:30 PM	5	30.0	52.4	1.9	145.5	5.5	3.3%
3:30 PM	6	30.0	64.0	2.5	152.1	6.0	0.0%
3:30 PM	7	30.0	73.6	2.8	140.6	5.0	0.0%
3:30 PM	8	30.0	56.2	2.2	181.2	6.5	3.3%
3:30 PM	9	30.0	77.4	2.9	174.6	6.5	0.0%
3:30 PM	10	30.0	87.0	3.2	218.0	8.0	6.7%
3:45 PM	1	30.0	68.1	2.6	181.8	6.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	62.6	2.5	160.1	6.0	0.0%
3:45 PM	3	30.0	70.6	2.7	189.3	7.1	3.3%
3:45 PM	4	30.0	89.6	3.0	238.1	7.5	10.0%
3:45 PM	5	30.0	51.5	2.1	171.4	6.5	0.0%
3:45 PM	6	30.0	67.4	2.6	208.5	7.5	3.3%
3:45 PM	7	30.0	71.4	2.7	176.4	6.5	0.0%
3:45 PM	8	30.0	65.3	2.5	207.2	7.1	6.7%
3:45 PM	9	30.0	64.9	2.5	183.3	6.5	0.0%
3:45 PM	10	30.0	61.3	2.5	155.3	6.0	0.0%
4:00 PM	1	30.0	65.5	2.6	170.9	6.5	0.0%
4:00 PM	2	30.0	62.1	2.4	166.4	6.5	0.0%
4:00 PM	3	30.0	66.8	2.6	175.0	6.5	0.0%
4:00 PM	4	30.0	52.8	2.0	135.1	5.0	0.0%
4:00 PM	5	30.0	77.7	3.0	178.8	6.5	3.3%
4:00 PM	6	30.0	80.9	3.1	238.7	9.0	10.0%
4:00 PM	7	30.0	97.3	3.3	224.4	7.0	6.7%
4:00 PM	8	30.0	57.0	2.1	175.4	6.0	0.0%
4:00 PM	9	30.0	56.9	2.0	164.2	6.0	0.0%
4:00 PM	10	30.0	65.0	2.6	155.9	6.0	0.0%
4:15 PM	1	29.0	73.3	2.7	176.6	6.6	3.4%
4:15 PM	2	29.0	69.7	2.7	166.1	6.0	0.0%
4:15 PM	3	29.0	81.6	3.1	197.5	6.0	0.0%
4:15 PM	4	29.0	74.6	2.9	208.3	6.0	6.9%
4:15 PM	5	29.0	87.6	3.1	234.9	7.0	6.9%
4:15 PM	6	29.0	57.6	2.3	150.2	6.0	0.0%
4:15 PM	7	29.0	56.1	2.1	162.5	5.6	0.0%
4:15 PM	8	29.0	72.5	2.8	159.8	6.0	0.0%
4:15 PM	9	29.0	79.3	3.0	177.8	6.6	0.0%
4:15 PM	10	29.0	47.6	1.9	137.3	5.6	0.0%
3:30 PM	Avg	30.0	66.9	2.6	169.2	6.3	1.7%
3:45 PM	Avg	30.0	67.3	2.6	187.1	6.7	2.3%
4:00 PM	Avg	30.0	68.2	2.6	178.5	6.5	2.0%
4:15 PM	Avg	29.0	70.0	2.7	177.1	6.1	1.7%

WB TR on LAKE AVE NW - Lane ID 262190

3:30 PM	1	30.0	68.8	2.7	219.1	8.5	6.7%
3:30 PM	2	30.0	56.4	2.2	198.3	7.5	0.0%
3:30 PM	3	30.0	63.6	2.6	198.1	7.5	3.3%
3:30 PM	4	30.0	69.4	2.7	196.3	7.5	0.0%
3:30 PM	5	30.0	42.2	1.6	176.8	7.0	0.0%
3:30 PM	6	30.0	53.5	2.0	200.7	7.0	3.3%
3:30 PM	7	30.0	83.0	3.1	212.2	8.0	3.3%
3:30 PM	8	30.0	64.1	2.4	232.8	8.5	6.7%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	77.3	2.8	254.4	9.0	16.7%
3:30 PM	10	30.0	73.4	2.9	232.9	8.5	6.7%
3:45 PM	1	30.0	59.8	2.2	211.5	7.0	6.7%
3:45 PM	2	30.0	61.8	2.3	234.4	8.5	10.0%
3:45 PM	3	30.0	69.2	2.6	225.3	7.5	10.0%
3:45 PM	4	30.0	67.0	2.6	217.1	8.5	6.7%
3:45 PM	5	30.0	60.5	2.2	200.9	7.0	3.3%
3:45 PM	6	30.0	72.6	2.5	247.4	8.0	20.0%
3:45 PM	7	30.0	67.6	2.4	220.3	7.5	6.7%
3:45 PM	8	30.0	52.4	2.0	168.9	6.0	0.0%
3:45 PM	9	30.0	76.8	2.8	227.5	8.0	10.0%
3:45 PM	10	30.0	50.2	1.9	211.0	8.0	6.7%
4:00 PM	1	30.0	68.2	2.4	255.7	9.0	16.7%
4:00 PM	2	30.0	62.1	2.4	206.6	8.0	3.3%
4:00 PM	3	30.0	81.1	3.1	223.4	9.0	10.0%
4:00 PM	4	30.0	56.0	2.2	222.6	8.0	10.0%
4:00 PM	5	30.0	63.0	2.4	199.2	7.5	0.0%
4:00 PM	6	30.0	72.1	2.8	218.4	8.0	6.7%
4:00 PM	7	30.0	57.7	2.1	203.9	7.5	3.3%
4:00 PM	8	30.0	61.4	2.2	240.7	8.5	13.3%
4:00 PM	9	30.0	61.7	2.3	215.6	7.5	6.7%
4:00 PM	10	30.0	73.2	2.7	222.5	8.0	6.7%
4:15 PM	1	29.0	56.9	2.2	214.1	8.0	3.4%
4:15 PM	2	29.0	70.4	2.6	195.4	7.0	3.4%
4:15 PM	3	29.0	65.6	2.6	228.9	8.6	6.9%
4:15 PM	4	29.0	78.4	3.0	241.3	9.0	13.8%
4:15 PM	5	29.0	66.7	2.4	190.0	7.0	3.4%
4:15 PM	6	29.0	58.0	2.3	223.0	8.0	3.4%
4:15 PM	7	29.0	66.4	2.6	223.5	8.0	10.3%
4:15 PM	8	29.0	65.1	2.4	226.5	8.0	6.9%
4:15 PM	9	29.0	78.0	2.9	235.3	8.0	10.3%
4:15 PM	10	29.0	65.3	2.2	246.0	8.0	13.8%
3:30 PM	Avg	30.0	65.2	2.5	212.2	7.9	4.7%
3:45 PM	Avg	30.0	63.8	2.4	216.4	7.6	8.0%
4:00 PM	Avg	30.0	65.7	2.5	220.9	8.1	7.7%
4:15 PM	Avg	29.0	67.1	2.5	222.4	8.0	7.6%

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262185							
3:30 PM	1	30.0	68.2	2.6	198.2	7.5	3.3%
3:30 PM	2	30.0	53.0	2.1	165.7	6.5	3.3%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	75.8	3.0	195.1	7.0	0.0%
3:30 PM	4	30.0	53.8	2.1	146.8	5.5	0.0%
3:30 PM	5	30.0	53.4	2.2	204.6	7.5	3.3%
3:30 PM	6	30.0	80.3	3.0	205.7	7.0	3.3%
3:30 PM	7	30.0	71.3	2.8	220.4	8.5	3.3%
3:30 PM	8	30.0	87.3	3.3	246.4	9.0	13.3%
3:30 PM	9	30.0	59.2	2.3	172.3	6.5	0.0%
3:30 PM	10	30.0	53.7	2.3	140.9	6.0	0.0%
3:45 PM	1	30.0	75.1	2.9	244.4	8.5	10.0%
3:45 PM	2	30.0	51.3	2.1	155.4	6.0	0.0%
3:45 PM	3	30.0	50.6	2.1	158.3	6.5	0.0%
3:45 PM	4	30.0	79.1	3.0	200.9	7.5	3.3%
3:45 PM	5	30.0	77.8	2.8	236.5	8.1	10.0%
3:45 PM	6	30.0	74.6	2.8	212.2	8.0	3.3%
3:45 PM	7	30.0	81.3	3.2	210.2	8.0	3.3%
3:45 PM	8	30.0	78.3	3.0	221.4	8.0	6.7%
3:45 PM	9	30.0	68.9	2.6	189.0	6.5	3.3%
3:45 PM	10	30.0	81.6	3.0	212.2	7.5	3.3%
4:00 PM	1	30.0	68.2	2.8	192.6	7.0	3.3%
4:00 PM	2	30.0	95.8	3.6	219.6	8.0	10.0%
4:00 PM	3	30.0	75.1	2.9	227.4	8.0	10.0%
4:00 PM	4	30.0	54.1	2.2	174.0	6.5	0.0%
4:00 PM	5	30.0	66.5	2.6	209.1	7.5	3.3%
4:00 PM	6	30.0	68.4	2.6	203.5	7.5	3.3%
4:00 PM	7	30.0	67.2	2.5	203.9	7.0	0.0%
4:00 PM	8	30.0	63.8	2.4	206.1	7.5	6.7%
4:00 PM	9	30.0	61.5	2.3	190.1	7.5	3.3%
4:00 PM	10	30.0	49.2	2.0	139.2	5.5	3.3%
4:15 PM	1	29.0	102.2	3.9	238.3	9.0	10.3%
4:15 PM	2	29.0	66.5	2.7	198.0	7.6	0.0%
4:15 PM	3	29.0	69.8	2.7	184.0	7.0	0.0%
4:15 PM	4	29.0	86.9	3.3	221.1	8.0	6.9%
4:15 PM	5	29.0	59.6	2.3	214.7	7.6	6.9%
4:15 PM	6	29.0	54.8	2.2	164.8	6.2	0.0%
4:15 PM	7	29.0	80.5	3.0	214.2	7.6	6.9%
4:15 PM	8	29.0	68.7	2.7	183.9	7.0	0.0%
4:15 PM	9	29.0	91.0	3.3	243.2	8.6	13.8%
4:15 PM	10	29.0	89.2	3.1	241.7	8.0	10.3%
3:30 PM	Avg	30.0	65.6	2.6	189.6	7.1	3.0%
3:45 PM	Avg	30.0	71.9	2.8	204.1	7.5	4.3%
4:00 PM	Avg	30.0	67.0	2.6	196.6	7.2	4.3%
4:15 PM	Avg	29.0	76.9	2.9	210.4	7.7	5.5%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB TR on LAKE AVE NW - Lane ID 262186							
3:30 PM	1	30.0	62.4	2.3	232.1	8.0	10.0%
3:30 PM	2	30.0	64.5	2.4	227.1	8.5	6.7%
3:30 PM	3	30.0	44.7	1.6	209.6	7.1	3.3%
3:30 PM	4	30.0	52.2	2.0	215.1	8.5	6.7%
3:30 PM	5	30.0	47.9	1.8	217.4	8.0	6.7%
3:30 PM	6	30.0	62.8	2.2	232.1	8.5	6.7%
3:30 PM	7	30.0	48.5	1.8	226.8	7.5	10.0%
3:30 PM	8	30.0	49.3	2.0	207.6	8.0	3.3%
3:30 PM	9	30.0	60.2	2.2	213.9	7.0	6.7%
3:30 PM	10	30.0	32.5	1.3	178.7	7.0	3.3%
3:45 PM	1	30.0	55.7	1.9	222.5	8.0	13.3%
3:45 PM	2	30.0	50.0	1.9	233.2	8.5	10.0%
3:45 PM	3	30.0	48.6	1.7	216.9	7.5	3.3%
3:45 PM	4	30.0	57.6	2.1	228.0	8.5	10.0%
3:45 PM	5	30.0	67.7	2.5	209.9	7.5	3.3%
3:45 PM	6	30.0	58.5	2.3	207.9	8.0	3.3%
3:45 PM	7	30.0	52.0	2.0	218.9	7.5	6.7%
3:45 PM	8	30.0	65.9	2.3	243.9	8.0	13.3%
3:45 PM	9	30.0	54.8	1.9	245.2	8.0	10.0%
3:45 PM	10	30.0	50.0	1.9	209.9	7.6	6.7%
4:00 PM	1	30.0	62.5	2.3	248.7	9.0	13.3%
4:00 PM	2	30.0	68.8	2.6	229.2	8.5	10.0%
4:00 PM	3	30.0	62.4	2.3	214.9	7.0	6.7%
4:00 PM	4	30.0	47.2	1.7	223.6	8.0	6.7%
4:00 PM	5	30.0	60.5	2.1	238.5	8.5	13.3%
4:00 PM	6	30.0	66.8	2.5	239.1	8.5	13.3%
4:00 PM	7	30.0	54.8	2.0	234.8	8.5	6.7%
4:00 PM	8	30.0	62.2	2.3	225.8	7.5	6.7%
4:00 PM	9	30.0	81.2	2.9	251.1	9.0	20.0%
4:00 PM	10	30.0	53.1	2.1	233.5	9.1	6.7%
4:15 PM	1	29.0	69.3	2.7	223.7	8.0	10.3%
4:15 PM	2	29.0	67.8	2.5	235.3	8.6	13.8%
4:15 PM	3	29.0	50.7	2.0	207.5	8.0	3.4%
4:15 PM	4	29.0	68.6	2.6	243.9	9.2	10.3%
4:15 PM	5	29.0	52.6	2.0	241.0	9.0	17.2%
4:15 PM	6	29.0	79.9	3.0	239.7	9.0	20.7%
4:15 PM	7	29.0	57.1	2.1	213.7	8.0	3.4%
4:15 PM	8	29.0	53.1	2.0	221.1	8.0	6.9%
4:15 PM	9	29.0	74.7	2.7	243.9	8.2	10.3%
4:15 PM	10	29.0	70.7	2.7	195.6	7.6	3.4%
3:30 PM	Avg	30.0	52.5	2.0	216.0	7.8	6.3%
3:45 PM	Avg	30.0	56.1	2.1	223.6	7.9	8.0%
4:00 PM	Avg	30.0	62.0	2.3	233.9	8.4	10.3%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	64.5	2.4	226.5	8.4	10.0%
NB L on [Unnamed Street] - Lane ID 274804							
3:30 PM	1	30.0	2.6	0.2	11.7	1.0	0.0%
3:30 PM	2	30.0	3.5	0.2	17.8	1.0	0.0%
3:30 PM	3	30.0	6.7	0.5	19.5	1.0	0.0%
3:30 PM	4	30.0	11.3	0.6	28.6	1.5	0.0%
3:30 PM	5	30.0	1.9	0.2	12.3	1.0	0.0%
3:30 PM	6	30.0	6.9	0.4	26.6	1.0	0.0%
3:30 PM	7	30.0	4.7	0.3	16.8	1.0	0.0%
3:30 PM	8	30.0	5.7	0.4	27.8	1.5	0.0%
3:30 PM	9	30.0	3.8	0.2	17.4	1.0	0.0%
3:30 PM	10	30.0	3.6	0.2	19.7	1.0	0.0%
3:45 PM	1	30.0	3.9	0.3	17.0	1.0	0.0%
3:45 PM	2	30.0	20.1	0.6	166.6	4.1	0.0%
3:45 PM	3	30.0	12.2	0.6	52.8	2.0	0.0%
3:45 PM	4	30.0	5.6	0.4	17.7	1.0	0.0%
3:45 PM	5	30.0	4.7	0.4	18.4	1.0	0.0%
3:45 PM	6	30.0	7.7	0.5	30.9	1.5	0.0%
3:45 PM	7	30.0	7.7	0.5	22.1	1.0	0.0%
3:45 PM	8	30.0	19.7	0.8	56.8	2.0	0.0%
3:45 PM	9	30.0	7.1	0.4	26.7	1.5	0.0%
3:45 PM	10	30.0	3.0	0.2	16.1	1.0	0.0%
4:00 PM	1	30.0	6.4	0.4	20.5	1.0	0.0%
4:00 PM	2	30.0	7.3	0.4	29.6	1.5	0.0%
4:00 PM	3	30.0	5.3	0.3	26.0	1.0	0.0%
4:00 PM	4	30.0	6.0	0.4	17.9	1.0	0.0%
4:00 PM	5	30.0	7.2	0.4	32.8	1.5	0.0%
4:00 PM	6	30.0	2.8	0.2	16.5	1.0	0.0%
4:00 PM	7	30.0	5.4	0.4	24.8	1.5	0.0%
4:00 PM	8	30.0	4.4	0.3	18.1	1.0	0.0%
4:00 PM	9	30.0	6.6	0.4	42.1	2.0	0.0%
4:00 PM	10	30.0	6.7	0.5	24.7	1.5	0.0%
4:15 PM	1	29.0	5.6	0.5	17.0	1.0	0.0%
4:15 PM	2	29.0	3.9	0.2	18.8	1.0	0.0%
4:15 PM	3	29.0	6.5	0.4	31.0	2.0	0.0%
4:15 PM	4	29.0	12.3	0.7	48.5	2.0	0.0%
4:15 PM	5	29.0	4.4	0.3	22.6	1.0	0.0%
4:15 PM	6	29.0	1.7	0.2	9.4	1.0	0.0%
4:15 PM	7	29.0	3.9	0.3	17.7	1.0	0.0%
4:15 PM	8	29.0	3.5	0.3	17.6	1.0	0.0%
4:15 PM	9	29.0	2.5	0.2	14.4	1.0	0.0%
4:15 PM	10	29.0	4.5	0.3	21.3	1.6	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	Avg	30.0	5.1	0.3	19.8	1.1	0.0%
3:45 PM	Avg	30.0	9.2	0.5	42.5	1.6	0.0%
4:00 PM	Avg	30.0	5.8	0.4	25.3	1.3	0.0%
4:15 PM	Avg	29.0	4.9	0.3	21.8	1.3	0.0%
NB TR on [Unnamed Street] - Lane ID 274788							
3:30 PM	1	30.0	47.4	1.9	147.1	5.5	0.0%
3:30 PM	2	30.0	29.6	1.3	85.5	3.5	0.0%
3:30 PM	3	30.0	28.3	1.2	86.2	3.5	0.0%
3:30 PM	4	30.0	41.5	1.7	114.7	4.5	0.0%
3:30 PM	5	30.0	28.7	1.2	94.9	4.0	0.0%
3:30 PM	6	30.0	42.4	1.6	150.1	5.6	0.0%
3:30 PM	7	30.0	58.5	2.2	148.8	5.5	0.0%
3:30 PM	8	30.0	34.2	1.5	110.1	4.5	0.0%
3:30 PM	9	30.0	41.4	1.6	166.3	5.5	0.0%
3:30 PM	10	30.0	47.1	1.9	106.3	4.0	0.0%
3:45 PM	1	30.0	49.0	2.0	141.4	5.5	0.0%
3:45 PM	2	30.0	59.5	2.3	215.1	7.1	0.0%
3:45 PM	3	30.0	49.5	1.9	133.4	5.0	0.0%
3:45 PM	4	30.0	51.4	1.9	155.9	5.5	0.0%
3:45 PM	5	30.0	53.1	1.9	135.9	5.0	0.0%
3:45 PM	6	30.0	46.8	1.9	125.8	4.5	0.0%
3:45 PM	7	30.0	32.9	1.3	99.2	4.0	0.0%
3:45 PM	8	30.0	40.2	1.7	121.2	4.5	0.0%
3:45 PM	9	30.0	28.0	1.3	96.8	4.0	0.0%
3:45 PM	10	30.0	36.6	1.4	128.4	5.0	0.0%
4:00 PM	1	30.0	40.6	1.5	141.0	5.0	0.0%
4:00 PM	2	30.0	34.5	1.4	118.7	4.5	0.0%
4:00 PM	3	30.0	44.0	1.7	148.1	4.5	0.0%
4:00 PM	4	30.0	37.9	1.5	100.4	4.0	0.0%
4:00 PM	5	30.0	37.0	1.5	109.5	4.0	0.0%
4:00 PM	6	30.0	36.4	1.5	127.2	5.0	0.0%
4:00 PM	7	30.0	29.4	1.2	82.5	3.0	0.0%
4:00 PM	8	30.0	43.7	1.8	128.1	5.0	0.0%
4:00 PM	9	30.0	38.2	1.5	122.0	4.5	0.0%
4:00 PM	10	30.0	46.6	1.8	121.3	4.0	0.0%
4:15 PM	1	29.0	31.3	1.2	92.1	3.6	0.0%
4:15 PM	2	29.0	34.5	1.4	106.1	4.0	0.0%
4:15 PM	3	29.0	32.1	1.3	106.7	4.0	0.0%
4:15 PM	4	29.0	36.4	1.5	117.5	4.6	0.0%
4:15 PM	5	29.0	38.5	1.7	99.9	4.0	0.0%
4:15 PM	6	29.0	32.4	1.4	102.3	4.0	0.0%
4:15 PM	7	29.0	31.7	1.4	100.7	4.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	8	29.0	36.7	1.6	130.8	5.2	0.0%
4:15 PM	9	29.0	41.8	1.7	160.9	6.0	0.0%
4:15 PM	10	29.0	36.0	1.4	145.1	5.6	0.0%
3:30 PM	Avg	30.0	39.9	1.6	121.0	4.6	0.0%
3:45 PM	Avg	30.0	44.7	1.8	135.3	5.0	0.0%
4:00 PM	Avg	30.0	38.8	1.5	119.9	4.4	0.0%
4:15 PM	Avg	29.0	35.1	1.5	116.2	4.5	0.0%
SB L on [Unnamed Street] - Lane ID 274799							
3:30 PM	1	30.0	6.5	0.4	28.9	1.5	0.0%
3:30 PM	2	30.0	2.4	0.2	15.6	1.0	0.0%
3:30 PM	3	30.0	4.5	0.4	16.6	1.0	0.0%
3:30 PM	4	30.0	4.0	0.3	17.0	1.0	0.0%
3:30 PM	5	30.0	5.7	0.4	25.0	1.5	0.0%
3:30 PM	6	30.0	5.0	0.3	27.3	1.5	0.0%
3:30 PM	7	30.0	5.4	0.3	33.0	1.0	0.0%
3:30 PM	8	30.0	7.2	0.4	20.9	1.0	0.0%
3:30 PM	9	30.0	5.4	0.4	17.4	1.0	0.0%
3:30 PM	10	30.0	8.4	0.5	27.7	1.0	0.0%
3:45 PM	1	30.0	6.8	0.3	36.1	1.5	0.0%
3:45 PM	2	30.0	6.6	0.5	25.9	1.5	0.0%
3:45 PM	3	30.0	8.2	0.5	31.1	2.0	0.0%
3:45 PM	4	30.0	5.7	0.4	17.4	1.0	0.0%
3:45 PM	5	30.0	5.8	0.5	17.9	1.0	0.0%
3:45 PM	6	30.0	3.7	0.3	17.7	1.0	0.0%
3:45 PM	7	30.0	6.2	0.4	33.2	1.5	0.0%
3:45 PM	8	30.0	3.0	0.2	16.6	1.0	0.0%
3:45 PM	9	30.0	6.0	0.4	20.3	1.0	0.0%
3:45 PM	10	30.0	7.7	0.5	22.9	1.5	0.0%
4:00 PM	1	30.0	6.8	0.4	31.5	1.5	0.0%
4:00 PM	2	30.0	6.3	0.5	27.6	2.0	0.0%
4:00 PM	3	30.0	2.2	0.2	16.1	1.0	0.0%
4:00 PM	4	30.0	8.6	0.4	40.7	1.0	0.0%
4:00 PM	5	30.0	9.1	0.4	44.5	2.0	0.0%
4:00 PM	6	30.0	5.9	0.4	36.0	2.0	0.0%
4:00 PM	7	30.0	6.5	0.5	18.1	1.0	0.0%
4:00 PM	8	30.0	9.1	0.5	35.6	1.5	0.0%
4:00 PM	9	30.0	9.9	0.5	54.6	1.5	0.0%
4:00 PM	10	30.0	7.2	0.4	32.4	1.5	0.0%
4:15 PM	1	29.0	8.4	0.5	19.1	1.0	0.0%
4:15 PM	2	29.0	4.0	0.3	17.0	1.0	0.0%
4:15 PM	3	29.0	5.3	0.3	17.1	1.0	0.0%
4:15 PM	4	29.0	10.3	0.6	41.1	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	5	29.0	5.4	0.3	16.9	1.0	0.0%
4:15 PM	6	29.0	9.5	0.6	38.3	2.0	0.0%
4:15 PM	7	29.0	3.8	0.3	19.1	1.0	0.0%
4:15 PM	8	29.0	6.6	0.5	16.6	1.0	0.0%
4:15 PM	9	29.0	10.1	0.4	49.6	2.0	0.0%
4:15 PM	10	29.0	7.3	0.6	17.3	1.0	0.0%
3:30 PM	Avg	30.0	5.5	0.4	22.9	1.2	0.0%
3:45 PM	Avg	30.0	6.0	0.4	23.9	1.3	0.0%
4:00 PM	Avg	30.0	7.2	0.4	33.7	1.5	0.0%
4:15 PM	Avg	29.0	7.1	0.4	25.2	1.3	0.0%
SB TR on [Unnamed Street] - Lane ID 274800							
3:30 PM	1	30.0	56.9	2.0	166.5	6.0	0.0%
3:30 PM	2	30.0	63.6	2.1	185.0	6.5	0.0%
3:30 PM	3	30.0	78.4	2.4	182.9	6.5	0.0%
3:30 PM	4	30.0	65.2	2.1	165.8	5.5	0.0%
3:30 PM	5	30.0	57.1	2.0	165.8	6.0	0.0%
3:30 PM	6	30.0	84.3	2.8	206.6	7.0	0.0%
3:30 PM	7	30.0	68.1	2.5	182.0	7.0	0.0%
3:30 PM	8	30.0	65.0	2.2	192.2	6.5	0.0%
3:30 PM	9	30.0	70.3	2.4	236.7	8.5	0.0%
3:30 PM	10	30.0	87.7	2.9	165.8	6.0	0.0%
3:45 PM	1	30.0	81.3	2.6	183.3	6.1	0.0%
3:45 PM	2	30.0	79.9	2.5	177.0	6.5	0.0%
3:45 PM	3	30.0	94.0	3.3	192.6	7.5	0.0%
3:45 PM	4	30.0	80.5	2.7	221.1	7.6	0.0%
3:45 PM	5	30.0	65.4	2.3	203.0	7.0	0.0%
3:45 PM	6	30.0	103.7	3.4	254.1	9.0	0.0%
3:45 PM	7	30.0	58.3	1.9	165.8	5.0	0.0%
3:45 PM	8	30.0	90.2	2.9	238.5	8.5	0.0%
3:45 PM	9	30.0	71.5	2.5	172.3	6.5	0.0%
3:45 PM	10	30.0	53.1	1.8	203.4	6.5	0.0%
4:00 PM	1	30.0	121.4	4.1	361.3	12.6	0.0%
4:00 PM	2	30.0	54.0	1.9	185.9	7.0	0.0%
4:00 PM	3	30.0	57.6	2.1	199.0	7.1	0.0%
4:00 PM	4	30.0	83.9	2.6	166.6	6.0	0.0%
4:00 PM	5	30.0	91.8	3.2	227.6	7.5	0.0%
4:00 PM	6	30.0	74.1	2.4	165.8	6.0	0.0%
4:00 PM	7	30.0	122.8	4.2	344.4	12.1	0.0%
4:00 PM	8	30.0	79.4	2.7	208.5	7.0	0.0%
4:00 PM	9	30.0	60.6	2.0	165.8	5.5	0.0%
4:00 PM	10	30.0	85.4	2.7	217.1	8.1	0.0%
4:15 PM	1	29.0	63.1	2.1	181.7	6.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	2	29.0	98.4	3.0	240.8	8.8	0.0%
4:15 PM	3	29.0	69.9	2.3	165.8	6.0	0.0%
4:15 PM	4	29.0	74.7	2.3	165.8	5.0	0.0%
4:15 PM	5	29.0	103.4	3.3	207.4	7.6	0.0%
4:15 PM	6	29.0	70.2	2.3	165.8	6.0	0.0%
4:15 PM	7	29.0	76.4	2.4	212.6	7.8	0.0%
4:15 PM	8	29.0	89.9	2.8	217.7	7.6	0.0%
4:15 PM	9	29.0	42.1	1.6	165.8	4.6	0.0%
4:15 PM	10	29.0	68.6	2.3	225.4	7.6	0.0%
3:30 PM	Avg	30.0	69.7	2.3	184.9	6.6	0.0%
3:45 PM	Avg	30.0	77.8	2.6	201.1	7.0	0.0%
4:00 PM	Avg	30.0	83.1	2.8	224.2	7.9	0.0%
4:15 PM	Avg	29.0	75.7	2.4	194.9	6.7	0.0%
WB L on LAKE AVE NW - Lane ID 274794							
3:30 PM	1	30.0	26.0	1.1	60.1	2.0	0.0%
3:30 PM	2	30.0	16.2	0.8	48.1	2.0	0.0%
3:30 PM	3	30.0	26.7	1.2	73.1	3.0	0.0%
3:30 PM	4	30.0	16.1	0.9	40.3	2.0	0.0%
3:30 PM	5	30.0	21.4	1.0	63.9	3.0	0.0%
3:30 PM	6	30.0	24.0	1.0	58.0	2.0	0.0%
3:30 PM	7	30.0	36.1	1.3	104.1	2.0	0.0%
3:30 PM	8	30.0	17.6	0.9	56.6	2.5	0.0%
3:30 PM	9	30.0	25.7	1.2	80.6	3.5	0.0%
3:30 PM	10	30.0	22.8	1.0	73.8	3.0	0.0%
3:45 PM	1	30.0	18.4	0.9	56.0	2.5	0.0%
3:45 PM	2	30.0	13.9	0.7	49.9	2.0	0.0%
3:45 PM	3	30.0	16.0	0.7	50.3	2.0	0.0%
3:45 PM	4	30.0	23.1	1.1	61.7	2.5	0.0%
3:45 PM	5	30.0	16.7	0.8	47.6	2.0	0.0%
3:45 PM	6	30.0	25.8	1.2	74.1	3.0	0.0%
3:45 PM	7	30.0	25.6	1.1	62.9	2.5	0.0%
3:45 PM	8	30.0	20.2	0.9	72.6	2.5	0.0%
3:45 PM	9	30.0	17.8	0.8	59.6	2.5	0.0%
3:45 PM	10	30.0	24.0	1.1	70.2	3.0	0.0%
4:00 PM	1	30.0	25.2	1.1	78.5	3.0	0.0%
4:00 PM	2	30.0	29.0	1.3	68.2	3.0	0.0%
4:00 PM	3	30.0	29.4	1.3	65.3	2.5	0.0%
4:00 PM	4	30.0	17.8	0.8	50.4	2.0	0.0%
4:00 PM	5	30.0	17.0	0.8	47.5	2.0	0.0%
4:00 PM	6	30.0	16.8	0.9	48.1	2.0	0.0%
4:00 PM	7	30.0	19.1	0.9	67.0	3.0	0.0%
4:00 PM	8	30.0	25.4	1.1	68.7	2.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	9	30.0	19.9	0.9	54.7	2.0	0.0%
4:00 PM	10	30.0	23.8	1.0	66.6	2.5	0.0%
4:15 PM	1	29.0	22.8	1.0	66.9	2.6	0.0%
4:15 PM	2	29.0	20.4	1.0	48.6	2.0	0.0%
4:15 PM	3	29.0	23.4	1.1	49.4	2.0	0.0%
4:15 PM	4	29.0	22.7	1.2	58.2	2.6	0.0%
4:15 PM	5	29.0	20.4	1.0	47.7	2.0	0.0%
4:15 PM	6	29.0	19.5	0.9	66.0	2.6	0.0%
4:15 PM	7	29.0	22.6	0.9	70.6	2.0	0.0%
4:15 PM	8	29.0	20.2	0.9	48.5	2.0	0.0%
4:15 PM	9	29.0	22.9	1.1	48.2	2.0	0.0%
4:15 PM	10	29.0	25.3	1.1	70.2	2.6	0.0%
3:30 PM	Avg	30.0	23.3	1.0	65.9	2.5	0.0%
3:45 PM	Avg	30.0	20.2	0.9	60.5	2.5	0.0%
4:00 PM	Avg	30.0	22.3	1.0	61.5	2.5	0.0%
4:15 PM	Avg	29.0	22.0	1.0	57.4	2.2	0.0%
WB TR on LAKE AVE NW - Lane ID 274784							
3:30 PM	1	30.0	53.8	2.2	176.2	6.5	0.0%
3:30 PM	2	30.0	57.0	2.1	177.7	6.5	0.0%
3:30 PM	3	30.0	60.7	2.3	200.9	7.5	0.0%
3:30 PM	4	30.0	49.6	1.8	165.6	6.0	0.0%
3:30 PM	5	30.0	56.3	2.1	184.2	7.1	0.0%
3:30 PM	6	30.0	46.5	1.7	186.0	7.0	0.0%
3:30 PM	7	30.0	28.5	1.1	128.3	4.5	0.0%
3:30 PM	8	30.0	42.0	1.6	148.4	5.5	0.0%
3:30 PM	9	30.0	89.2	3.1	364.8	11.7	0.0%
3:30 PM	10	30.0	44.5	1.7	220.6	8.0	0.0%
3:45 PM	1	30.0	76.9	2.5	260.0	8.5	0.0%
3:45 PM	2	30.0	54.9	2.1	213.3	8.0	0.0%
3:45 PM	3	30.0	50.4	1.8	174.9	6.5	0.0%
3:45 PM	4	30.0	46.5	1.6	185.3	6.1	0.0%
3:45 PM	5	30.0	37.1	1.4	148.4	5.0	0.0%
3:45 PM	6	30.0	122.7	4.3	274.7	10.0	0.0%
3:45 PM	7	30.0	49.7	1.9	169.5	6.5	0.0%
3:45 PM	8	30.0	74.2	2.7	213.8	7.5	0.0%
3:45 PM	9	30.0	72.2	2.4	222.6	7.0	0.0%
3:45 PM	10	30.0	49.6	1.9	193.4	6.5	0.0%
4:00 PM	1	30.0	76.0	2.9	222.5	8.5	0.0%
4:00 PM	2	30.0	59.6	2.3	164.9	6.0	0.0%
4:00 PM	3	30.0	81.2	3.0	240.0	8.5	0.0%
4:00 PM	4	30.0	57.7	2.2	160.9	6.0	0.0%
4:00 PM	5	30.0	69.7	2.7	215.0	8.5	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	6	30.0	57.6	2.3	195.7	7.5	0.0%
4:00 PM	7	30.0	65.8	2.2	199.3	7.1	0.0%
4:00 PM	8	30.0	63.5	2.3	217.9	7.0	0.0%
4:00 PM	9	30.0	46.8	1.8	148.4	6.0	0.0%
4:00 PM	10	30.0	48.4	1.8	181.5	6.5	0.0%
4:15 PM	1	29.0	58.3	2.1	204.8	7.0	0.0%
4:15 PM	2	29.0	76.0	2.7	267.9	9.6	0.0%
4:15 PM	3	29.0	23.1	1.0	88.3	4.0	0.0%
4:15 PM	4	29.0	48.8	1.8	182.9	6.6	0.0%
4:15 PM	5	29.0	56.9	2.0	184.2	6.6	0.0%
4:15 PM	6	29.0	51.5	1.9	165.3	6.0	0.0%
4:15 PM	7	29.0	68.5	2.4	221.4	7.6	0.0%
4:15 PM	8	29.0	44.6	1.8	148.4	5.0	0.0%
4:15 PM	9	29.0	57.7	2.1	185.3	6.0	0.0%
4:15 PM	10	29.0	71.5	2.7	225.5	8.0	0.0%
3:30 PM	Avg	30.0	52.8	2.0	195.3	7.0	0.0%
3:45 PM	Avg	30.0	63.4	2.3	205.6	7.2	0.0%
4:00 PM	Avg	30.0	62.6	2.4	194.6	7.2	0.0%
4:15 PM	Avg	29.0	55.7	2.1	187.4	6.6	0.0%

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	12.1	2.9	6.2	15.4	10
3:45 PM	11.8	2.8	8.1	17.0	10
4:00 PM	12.2	2.3	8.9	16.2	10
4:15 PM	10.4	2.7	7.0	14.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	133.8	37.6	88.4	183.4	10
3:45 PM	176.9	89.7	95.2	366.7	10
4:00 PM	147.0	57.4	71.9	289.1	10
4:15 PM	152.1	51.1	75.8	244.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	4.7	1.3	3.4	7.8	10
3:45 PM	5.3	2.2	3.0	10.2	10
4:00 PM	5.0	1.0	3.5	6.8	10
4:15 PM	4.7	1.6	2.1	6.9	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	55.9	10.6	42.2	75.9	10
3:45 PM	69.8	8.7	56.2	84.8	10
4:00 PM	73.4	10.4	57.0	91.9	10
4:15 PM	74.0	18.1	46.0	107.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	62.2	20.8	30.9	92.8	10
3:45 PM	87.8	20.1	59.5	116.3	10
4:00 PM	89.0	14.5	64.0	112.1	10
4:15 PM	82.7	32.0	50.0	158.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	32.9	10.7	16.7	50.4	10
3:45 PM	47.9	21.9	20.7	91.1	10
4:00 PM	49.5	12.5	32.2	65.4	10
4:15 PM	51.1	22.9	26.0	102.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	19.0	5.9	12.7	32.5	10
3:45 PM	18.3	4.9	12.7	27.7	10
4:00 PM	24.9	6.8	15.6	34.3	10
4:15 PM	23.4	8.6	10.1	35.8	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	19.7	8.3	10.3	38.8	10
3:45 PM	22.1	5.5	14.0	30.4	10
4:00 PM	26.3	8.0	15.3	39.6	10
4:15 PM	25.6	12.0	9.5	47.3	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	66.9	11.5	52.4	87.0	10
3:45 PM	67.3	9.7	51.5	89.6	10
4:00 PM	68.2	13.5	52.8	97.3	10
4:15 PM	70.0	12.6	47.6	87.6	10
WB TR on LAKE AVE NW - Lane ID 262190					
3:30 PM	65.2	12.1	42.2	83.0	10
3:45 PM	63.8	8.5	50.2	76.8	10
4:00 PM	65.7	7.8	56.0	81.1	10
4:15 PM	67.1	7.1	56.9	78.4	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
3:30 PM	65.6	12.7	53.0	87.3	10
3:45 PM	71.9	11.6	50.6	81.6	10
4:00 PM	67.0	12.6	49.2	95.8	10
4:15 PM	76.9	15.3	54.8	102.2	10
EB TR on LAKE AVE NW - Lane ID 262186					
3:30 PM	52.5	10.1	32.5	64.5	10
3:45 PM	56.1	6.6	48.6	67.7	10
4:00 PM	62.0	9.4	47.2	81.2	10
4:15 PM	64.5	10.3	50.7	79.9	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	5.1	2.7	1.9	11.3	10
3:45 PM	9.2	6.2	3.0	20.1	10
4:00 PM	5.8	1.4	2.8	7.3	10
4:15 PM	4.9	2.9	1.7	12.3	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	39.9	9.8	28.3	58.5	10
3:45 PM	44.7	9.9	28.0	59.5	10
4:00 PM	38.8	5.1	29.4	46.6	10
4:15 PM	35.1	3.4	31.3	41.8	10
SB L on [Unnamed Street] - Lane ID 274799					
3:30 PM	5.5	1.7	2.4	8.4	10
3:45 PM	6.0	1.6	3.0	8.2	10
4:00 PM	7.2	2.2	2.2	9.9	10
4:15 PM	7.1	2.4	3.8	10.3	10
SB TR on [Unnamed Street] - Lane ID 274800					
3:30 PM	69.7	10.6	56.9	87.7	10
3:45 PM	77.8	16.0	53.1	103.7	10
4:00 PM	83.1	24.1	54.0	122.8	10
4:15 PM	75.7	17.9	42.1	103.4	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	23.3	6.0	16.1	36.1	10
3:45 PM	20.2	4.2	13.9	25.8	10
4:00 PM	22.3	4.8	16.8	29.4	10
4:15 PM	22.0	1.8	19.5	25.3	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	52.8	15.8	28.5	89.2	10
3:45 PM	63.4	24.7	37.1	122.7	10
4:00 PM	62.6	11.0	46.8	81.2	10
4:15 PM	55.7	15.2	23.1	76.0	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.6	0.1	0.4	0.8	10
3:45 PM	0.6	0.1	0.5	0.8	10
4:00 PM	0.7	0.1	0.6	0.9	10
4:15 PM	0.6	0.1	0.4	0.8	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	4.8	1.2	3.4	6.5	10
3:45 PM	6.3	3.0	3.6	12.4	10
4:00 PM	5.4	2.0	2.7	10.3	10
4:15 PM	5.5	1.8	2.7	9.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	0.2	0.1	0.2	0.3	10
3:45 PM	0.3	0.1	0.1	0.4	10
4:00 PM	0.3	0.1	0.2	0.4	10
4:15 PM	0.3	0.1	0.1	0.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	2.2	0.4	1.6	2.9	10
3:45 PM	2.7	0.3	2.3	3.1	10
4:00 PM	2.9	0.3	2.3	3.2	10
4:15 PM	2.8	0.6	1.8	3.9	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	2.3	0.7	1.2	3.2	10
3:45 PM	3.2	0.7	2.2	4.1	10
4:00 PM	3.3	0.5	2.5	4.1	10
4:15 PM	3.1	1.1	1.9	5.6	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	1.4	0.4	0.8	2.0	10
3:45 PM	1.9	0.8	1.0	3.4	10
4:00 PM	2.0	0.4	1.4	2.5	10
4:15 PM	2.0	0.9	1.2	4.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	0.8	0.2	0.5	1.3	10
3:45 PM	0.8	0.2	0.5	1.1	10
4:00 PM	1.0	0.2	0.7	1.4	10
4:15 PM	0.9	0.3	0.5	1.4	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	0.8	0.3	0.5	1.5	10
3:45 PM	0.9	0.2	0.6	1.2	10
4:00 PM	1.1	0.3	0.7	1.5	10
4:15 PM	1.1	0.4	0.5	1.7	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	2.6	0.4	1.9	3.2	10
3:45 PM	2.6	0.2	2.1	3.0	10
4:00 PM	2.6	0.5	2.0	3.3	10
4:15 PM	2.7	0.4	1.9	3.1	10
WB TR on LAKE AVE NW - Lane ID 262190					
3:30 PM	2.5	0.5	1.6	3.1	10
3:45 PM	2.4	0.3	1.9	2.8	10
4:00 PM	2.5	0.3	2.1	3.1	10
4:15 PM	2.5	0.3	2.2	3.0	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
3:30 PM	2.6	0.4	2.1	3.3	10
3:45 PM	2.8	0.4	2.1	3.2	10
4:00 PM	2.6	0.4	2.0	3.6	10
4:15 PM	2.9	0.5	2.2	3.9	10
EB TR on LAKE AVE NW - Lane ID 262186					
3:30 PM	2.0	0.3	1.3	2.4	10
3:45 PM	2.1	0.2	1.7	2.5	10
4:00 PM	2.3	0.3	1.7	2.9	10
4:15 PM	2.4	0.4	2.0	3.0	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	0.3	0.1	0.2	0.6	10
3:45 PM	0.5	0.2	0.2	0.8	10
4:00 PM	0.4	0.1	0.2	0.5	10
4:15 PM	0.3	0.2	0.2	0.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	1.6	0.3	1.2	2.2	10
3:45 PM	1.8	0.3	1.3	2.3	10
4:00 PM	1.5	0.2	1.2	1.8	10
4:15 PM	1.5	0.2	1.2	1.7	10
SB L on [Unnamed Street] - Lane ID 274799					
3:30 PM	0.4	0.1	0.2	0.5	10
3:45 PM	0.4	0.1	0.2	0.5	10
4:00 PM	0.4	0.1	0.2	0.5	10
4:15 PM	0.4	0.1	0.3	0.6	10
SB TR on [Unnamed Street] - Lane ID 274800					
3:30 PM	2.3	0.3	2.0	2.9	10
3:45 PM	2.6	0.5	1.8	3.4	10
4:00 PM	2.8	0.8	1.9	4.2	10
4:15 PM	2.4	0.5	1.6	3.3	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	1.0	0.2	0.8	1.3	10
3:45 PM	0.9	0.2	0.7	1.2	10
4:00 PM	1.0	0.2	0.8	1.3	10
4:15 PM	1.0	0.1	0.9	1.2	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	2.0	0.5	1.1	3.1	10
3:45 PM	2.3	0.8	1.4	4.3	10
4:00 PM	2.4	0.4	1.8	3.0	10
4:15 PM	2.1	0.5	1.0	2.7	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	34.1	14.4	17.2	59.9	10
3:45 PM	32.9	12.9	19.2	57.3	10
4:00 PM	32.6	10.1	18.2	45.0	10
4:15 PM	31.3	11.2	17.3	47.6	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	334.6	101.3	220.1	512.1	10
3:45 PM	360.4	125.1	230.8	619.2	10
4:00 PM	331.7	108.1	233.9	615.1	10
4:15 PM	377.8	116.7	221.9	578.9	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	23.7	11.3	17.8	55.0	10
3:45 PM	24.3	12.4	16.9	54.5	10
4:00 PM	18.4	3.4	15.8	27.6	10
4:15 PM	19.9	5.5	15.7	34.1	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	161.9	22.7	136.5	213.3	10
3:45 PM	181.5	22.7	143.0	222.8	10
4:00 PM	191.5	25.0	151.1	233.8	10
4:15 PM	184.0	29.9	121.4	227.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	205.7	45.7	130.5	284.6	10
3:45 PM	248.8	47.9	199.2	347.1	10
4:00 PM	244.8	27.7	203.4	296.6	10
4:15 PM	234.3	59.1	166.0	349.6	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	123.5	44.9	49.3	191.6	10
3:45 PM	150.7	68.5	74.6	319.9	10
4:00 PM	143.4	46.8	84.5	225.1	10
4:15 PM	142.2	46.0	88.8	235.7	10

SB T on GREAT LAKES BLVD NW - Lane ID 262208

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	101.9	32.4	67.0	155.8	10
3:45 PM	93.9	20.7	70.3	135.2	10
4:00 PM	111.1	27.8	73.4	150.9	10
4:15 PM	102.7	27.9	59.8	151.1	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	102.5	42.1	52.2	180.9	10
3:45 PM	98.3	30.4	66.8	164.2	10
4:00 PM	118.1	25.5	89.1	175.7	10
4:15 PM	107.6	46.3	42.4	193.8	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	169.2	22.6	140.6	218.0	10
3:45 PM	187.1	25.0	155.3	238.1	10
4:00 PM	178.5	30.8	135.1	238.7	10
4:15 PM	177.1	29.2	137.3	234.9	10
WB TR on LAKE AVE NW - Lane ID 262190					
3:30 PM	212.2	22.9	176.8	254.4	10
3:45 PM	216.4	21.2	168.9	247.4	10
4:00 PM	220.9	17.0	199.2	255.7	10
4:15 PM	222.4	18.2	190.0	246.0	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
3:30 PM	189.6	33.1	140.9	246.4	10
3:45 PM	204.1	29.5	155.4	244.4	10
4:00 PM	196.6	25.1	139.2	227.4	10
4:15 PM	210.4	27.1	164.8	243.2	10
EB TR on LAKE AVE NW - Lane ID 262186					
3:30 PM	216.0	15.9	178.7	232.1	10
3:45 PM	223.6	13.7	207.9	245.2	10
4:00 PM	233.9	11.1	214.9	251.1	10
4:15 PM	226.5	16.9	195.6	243.9	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	19.8	6.0	11.7	28.6	10
3:45 PM	42.5	46.0	16.1	166.6	10
4:00 PM	25.3	7.9	16.5	42.1	10
4:15 PM	21.8	10.9	9.4	48.5	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	121.0	29.6	85.5	166.3	10
3:45 PM	135.3	33.3	96.8	215.1	10
4:00 PM	119.9	19.0	82.5	148.1	10
4:15 PM	116.2	22.4	92.1	160.9	10
SB L on [Unnamed Street] - Lane ID 274799					
3:30 PM	22.9	6.2	15.6	33.0	10
3:45 PM	23.9	7.3	16.6	36.1	10
4:00 PM	33.7	11.6	16.1	54.6	10
4:15 PM	25.2	12.6	16.6	49.6	10
SB TR on [Unnamed Street] - Lane ID 274800					
3:30 PM	184.9	22.7	165.8	236.7	10
3:45 PM	201.1	29.2	165.8	254.1	10
4:00 PM	224.2	71.3	165.8	361.3	10
4:15 PM	194.9	29.0	165.8	240.8	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	65.9	18.1	40.3	104.1	10
3:45 PM	60.5	9.6	47.6	74.1	10
4:00 PM	61.5	10.5	47.5	78.5	10
4:15 PM	57.4	10.0	47.7	70.6	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	195.3	64.9	128.3	364.8	10
3:45 PM	205.6	39.8	148.4	274.7	10
4:00 PM	194.6	30.1	148.4	240.0	10
4:15 PM	187.4	48.6	88.3	267.9	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	1.5	0.5	1.0	2.0	10
3:45 PM	1.4	0.5	1.0	2.0	10
4:00 PM	1.5	0.4	1.0	2.0	10
4:15 PM	1.5	0.5	1.0	2.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	11.6	3.2	8.5	16.7	10
3:45 PM	12.7	4.8	7.0	22.5	10
4:00 PM	11.7	3.8	8.1	21.5	10
4:15 PM	13.4	4.5	7.0	21.6	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	1.0	0.0	1.0	1.0	10
3:45 PM	1.1	0.2	1.0	1.5	10
4:00 PM	1.1	0.2	1.0	1.5	10
4:15 PM	1.1	0.2	1.0	1.6	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	5.9	0.6	5.0	7.1	10
3:45 PM	6.7	0.7	5.5	8.0	10
4:00 PM	7.0	0.6	6.0	8.0	10
4:15 PM	6.7	1.0	4.6	8.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	7.2	1.5	5.0	9.5	10
3:45 PM	8.7	1.3	7.0	11.0	10
4:00 PM	8.9	0.9	8.0	10.5	10
4:15 PM	8.4	1.9	6.0	11.6	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	4.8	1.7	2.0	7.0	10
3:45 PM	5.5	2.3	3.0	11.1	10
4:00 PM	5.3	1.5	3.5	8.1	10
4:15 PM	5.2	1.8	3.6	8.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	3.9	1.3	2.5	5.7	10
3:45 PM	3.6	0.6	3.0	4.5	10
4:00 PM	4.0	0.8	3.0	5.5	10
4:15 PM	3.9	1.0	2.6	5.6	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	3.8	1.7	2.0	6.7	10
3:45 PM	3.7	1.0	2.5	6.2	10
4:00 PM	4.4	0.9	3.5	6.6	10
4:15 PM	4.2	1.4	2.0	6.6	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	6.3	0.8	5.0	8.0	10
3:45 PM	6.7	0.6	6.0	7.5	10
4:00 PM	6.5	1.0	5.0	9.0	10
4:15 PM	6.1	0.5	5.6	7.0	10
WB TR on LAKE AVE NW - Lane ID 262190					
3:30 PM	7.9	0.7	7.0	9.0	10
3:45 PM	7.6	0.8	6.0	8.5	10
4:00 PM	8.1	0.6	7.5	9.0	10
4:15 PM	8.0	0.6	7.0	9.0	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
3:30 PM	7.1	1.1	5.5	9.0	10
3:45 PM	7.5	0.8	6.0	8.5	10
4:00 PM	7.2	0.8	5.5	8.0	10
4:15 PM	7.7	0.8	6.2	9.0	10
EB TR on LAKE AVE NW - Lane ID 262186					
3:30 PM	7.8	0.6	7.0	8.5	10
3:45 PM	7.9	0.4	7.5	8.5	10
4:00 PM	8.4	0.7	7.0	9.1	10
4:15 PM	8.4	0.5	7.6	9.2	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	1.1	0.2	1.0	1.5	10
3:45 PM	1.6	1.0	1.0	4.1	10
4:00 PM	1.3	0.3	1.0	2.0	10
4:15 PM	1.3	0.4	1.0	2.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	4.6	0.9	3.5	5.6	10
3:45 PM	5.0	0.9	4.0	7.1	10
4:00 PM	4.4	0.6	3.0	5.0	10
4:15 PM	4.5	0.8	3.6	6.0	10
SB L on [Unnamed Street] - Lane ID 274799					
3:30 PM	1.2	0.2	1.0	1.5	10
3:45 PM	1.3	0.3	1.0	2.0	10
4:00 PM	1.5	0.4	1.0	2.0	10
4:15 PM	1.3	0.5	1.0	2.0	10
SB TR on [Unnamed Street] - Lane ID 274800					
3:30 PM	6.6	0.8	5.5	8.5	10
3:45 PM	7.0	1.2	5.0	9.0	10
4:00 PM	7.9	2.5	5.5	12.6	10
4:15 PM	6.7	1.4	4.6	8.8	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	2.5	0.6	2.0	3.5	10
3:45 PM	2.5	0.4	2.0	3.0	10
4:00 PM	2.5	0.4	2.0	3.0	10
4:15 PM	2.2	0.3	2.0	2.6	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	7.0	1.9	4.5	11.7	10
3:45 PM	7.2	1.4	5.0	10.0	10
4:00 PM	7.2	1.1	6.0	8.5	10
4:15 PM	6.6	1.6	4.0	9.6	10

Project: Alt 1_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.1	0.0	0.4	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.1	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.1	10
WB TR on LAKE AVE NW - Lane ID 262190					
3:30 PM	0.0	0.1	0.0	0.2	10
3:45 PM	0.1	0.1	0.0	0.2	10
4:00 PM	0.1	0.0	0.0	0.2	10
4:15 PM	0.1	0.0	0.0	0.1	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262185					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.1	0.1	0.0	0.1	10
EB TR on LAKE AVE NW - Lane ID 262186					
3:30 PM	0.1	0.0	0.0	0.1	10
3:45 PM	0.1	0.0	0.0	0.1	10
4:00 PM	0.1	0.0	0.1	0.2	10
4:15 PM	0.1	0.1	0.0	0.2	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB L on [Unnamed Street] - Lane ID 274799					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB TR on [Unnamed Street] - Lane ID 274800					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Build Alternate 2a

Project:	Alt 2a_SR-21 & Lake Ave_RABx2
Scenario:	2048 AM Peak Hour
Run(s):	Batch (10 runs)
Simulated:	Various
Time:	07:15:00 - 08:15:00
Interval:	15 min
Selection:	print

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	1	181.0	0.40	8.7	A
7:15 AM	2	182.0	0.40	8.5	A
7:15 AM	3	168.0	0.40	7.7	A
7:15 AM	4	185.0	0.50	9.8	A
7:15 AM	5	182.0	0.50	10.1	B
7:15 AM	6	180.0	0.40	8.9	A
7:15 AM	7	182.0	0.50	10.6	B
7:15 AM	8	183.0	0.40	8.1	A
7:15 AM	9	184.0	0.50	9.0	A
7:15 AM	10	193.0	0.60	10.7	B
7:30 AM	1	180.0	0.40	8.3	A
7:30 AM	2	179.0	0.50	9.5	A
7:30 AM	3	197.0	0.60	11.5	B
7:30 AM	4	178.0	0.40	8.6	A
7:30 AM	5	178.0	0.50	9.8	A
7:30 AM	6	184.0	0.50	10.1	B
7:30 AM	7	181.0	0.40	7.5	A
7:30 AM	8	181.0	0.50	10.9	B
7:30 AM	9	174.0	0.40	8.6	A
7:30 AM	10	178.0	0.40	7.5	A
7:45 AM	1	185.0	0.50	9.3	A
7:45 AM	2	185.0	0.50	9.1	A
7:45 AM	3	184.0	0.40	8.3	A
7:45 AM	4	189.0	0.50	10.3	B
7:45 AM	5	182.0	0.40	7.9	A
7:45 AM	6	182.0	0.50	9.5	A
7:45 AM	7	185.0	0.50	9.2	A
7:45 AM	8	183.0	0.40	8.1	A
7:45 AM	9	188.0	0.50	10.3	B
7:45 AM	10	184.0	0.50	9.2	A
8:00 AM	1	184.0	0.40	8.6	A
8:00 AM	2	181.0	0.40	8.9	A
8:00 AM	3	181.0	0.50	9.0	A
8:00 AM	4	182.0	0.40	7.9	A
8:00 AM	5	185.0	0.50	10.1	B
8:00 AM	6	182.0	0.50	9.4	A
8:00 AM	7	180.0	0.50	9.1	A
8:00 AM	8	181.0	0.60	11.1	B
8:00 AM	9	184.0	0.60	11.4	B
8:00 AM	10	186.0	0.50	9.7	A
7:15 AM	Avg	182.0	0.46	9.2	A
7:30 AM	Avg	181.0	0.46	9.2	A
7:45 AM	Avg	184.7	0.47	9.1	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	182.6	0.49	9.5	A
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	1	38.0	0.10	9.3	A
7:15 AM	2	35.0	0.10	14.5	B
7:15 AM	3	40.0	0.10	11.4	B
7:15 AM	4	38.0	0.10	11.7	B
7:15 AM	5	38.0	0.10	10.2	B
7:15 AM	6	37.0	0.10	10.5	B
7:15 AM	7	37.0	0.10	9.8	A
7:15 AM	8	36.0	0.10	10.7	B
7:15 AM	9	38.0	0.10	11.8	B
7:15 AM	10	37.0	0.10	12.1	B
7:30 AM	1	38.0	0.10	9.8	A
7:30 AM	2	39.0	0.10	10.4	B
7:30 AM	3	38.0	0.10	12.1	B
7:30 AM	4	37.0	0.10	11.1	B
7:30 AM	5	38.0	0.10	9.0	A
7:30 AM	6	38.0	0.10	9.2	A
7:30 AM	7	39.0	0.10	10.6	B
7:30 AM	8	39.0	0.20	14.8	B
7:30 AM	9	38.0	0.10	9.0	A
7:30 AM	10	37.0	0.10	13.3	B
7:45 AM	1	37.0	0.10	9.2	A
7:45 AM	2	35.0	0.10	15.4	C
7:45 AM	3	37.0	0.10	11.6	B
7:45 AM	4	38.0	0.20	14.6	B
7:45 AM	5	38.0	0.10	9.4	A
7:45 AM	6	39.0	0.10	10.9	B
7:45 AM	7	37.0	0.10	9.7	A
7:45 AM	8	37.0	0.10	11.1	B
7:45 AM	9	37.0	0.10	11.3	B
7:45 AM	10	37.0	0.10	12.2	B
8:00 AM	1	37.0	0.10	10.8	B
8:00 AM	2	40.0	0.10	10.1	B
8:00 AM	3	37.0	0.10	8.9	A
8:00 AM	4	38.0	0.10	9.4	A
8:00 AM	5	36.0	0.10	12.7	B
8:00 AM	6	35.0	0.10	13.0	B
8:00 AM	7	37.0	0.10	10.0	B
8:00 AM	8	37.0	0.10	10.6	B
8:00 AM	9	37.0	0.10	11.4	B
8:00 AM	10	38.0	0.20	15.2	C

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	37.4	0.10	11.2	B
7:30 AM	Avg	38.1	0.11	10.9	B
7:45 AM	Avg	37.2	0.11	11.5	B
8:00 AM	Avg	37.2	0.11	11.2	B
SB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	1	94.0	0.20	8.4	A
7:15 AM	2	90.0	0.20	7.0	A
7:15 AM	3	93.0	0.20	7.5	A
7:15 AM	4	92.0	0.20	6.4	A
7:15 AM	5	92.0	0.30	10.0	B
7:15 AM	6	93.0	0.20	7.7	A
7:15 AM	7	92.0	0.20	6.5	A
7:15 AM	8	93.0	0.20	6.7	A
7:15 AM	9	94.0	0.20	7.0	A
7:15 AM	10	93.0	0.20	8.0	A
7:30 AM	1	91.0	0.20	7.3	A
7:30 AM	2	94.0	0.20	6.7	A
7:30 AM	3	91.0	0.20	7.2	A
7:30 AM	4	93.0	0.20	6.7	A
7:30 AM	5	94.0	0.20	7.6	A
7:30 AM	6	92.0	0.20	6.7	A
7:30 AM	7	93.0	0.20	6.6	A
7:30 AM	8	90.0	0.20	7.3	A
7:30 AM	9	90.0	0.20	7.9	A
7:30 AM	10	92.0	0.20	6.8	A
7:45 AM	1	93.0	0.20	7.5	A
7:45 AM	2	90.0	0.20	7.9	A
7:45 AM	3	93.0	0.20	7.2	A
7:45 AM	4	92.0	0.20	7.2	A
7:45 AM	5	91.0	0.20	6.8	A
7:45 AM	6	92.0	0.20	7.8	A
7:45 AM	7	93.0	0.20	7.1	A
7:45 AM	8	95.0	0.20	6.5	A
7:45 AM	9	92.0	0.20	6.9	A
7:45 AM	10	93.0	0.20	8.7	A
8:00 AM	1	91.0	0.20	7.8	A
8:00 AM	2	96.0	0.20	6.6	A
8:00 AM	3	92.0	0.20	7.3	A
8:00 AM	4	94.0	0.20	6.7	A
8:00 AM	5	94.0	0.20	6.1	A
8:00 AM	6	92.0	0.20	6.8	A
8:00 AM	7	93.0	0.20	6.6	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	93.0	0.20	6.3	A
8:00 AM	9	94.0	0.20	7.8	A
8:00 AM	10	93.0	0.20	7.4	A
7:15 AM	Avg	92.6	0.21	7.5	A
7:30 AM	Avg	92.0	0.20	7.1	A
7:45 AM	Avg	92.4	0.20	7.4	A
8:00 AM	Avg	93.2	0.20	6.9	A
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	1	134.0	0.20	5.4	A
7:15 AM	2	136.0	0.20	5.7	A
7:15 AM	3	136.0	0.20	5.4	A
7:15 AM	4	133.0	0.20	5.5	A
7:15 AM	5	133.0	0.20	5.0	A
7:15 AM	6	134.0	0.20	5.3	A
7:15 AM	7	133.0	0.20	6.6	A
7:15 AM	8	134.0	0.20	6.3	A
7:15 AM	9	133.0	0.20	4.7	A
7:15 AM	10	134.0	0.30	7.3	A
7:30 AM	1	135.0	0.20	5.6	A
7:30 AM	2	134.0	0.20	5.0	A
7:30 AM	3	131.0	0.20	5.5	A
7:30 AM	4	139.0	0.20	5.3	A
7:30 AM	5	136.0	0.20	4.7	A
7:30 AM	6	136.0	0.20	5.4	A
7:30 AM	7	136.0	0.20	5.4	A
7:30 AM	8	137.0	0.20	5.8	A
7:30 AM	9	135.0	0.20	5.6	A
7:30 AM	10	137.0	0.20	5.6	A
7:45 AM	1	138.0	0.20	4.6	A
7:45 AM	2	134.0	0.20	4.7	A
7:45 AM	3	136.0	0.20	5.8	A
7:45 AM	4	135.0	0.20	5.9	A
7:45 AM	5	136.0	0.20	5.0	A
7:45 AM	6	136.0	0.20	5.8	A
7:45 AM	7	135.0	0.20	5.9	A
7:45 AM	8	134.0	0.20	4.9	A
7:45 AM	9	137.0	0.20	5.5	A
7:45 AM	10	133.0	0.20	6.3	A
8:00 AM	1	135.0	0.20	5.4	A
8:00 AM	2	136.0	0.20	5.2	A
8:00 AM	3	138.0	0.20	5.1	A
8:00 AM	4	134.0	0.20	5.8	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	136.0	0.20	5.2	A
8:00 AM	6	134.0	0.20	4.3	A
8:00 AM	7	134.0	0.20	5.0	A
8:00 AM	8	133.0	0.20	6.2	A
8:00 AM	9	134.0	0.20	6.0	A
8:00 AM	10	134.0	0.20	5.5	A
7:15 AM	Avg	134.0	0.21	5.7	A
7:30 AM	Avg	135.6	0.20	5.4	A
7:45 AM	Avg	135.4	0.20	5.4	A
8:00 AM	Avg	134.8	0.20	5.4	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	1	111.0	0.70	23.4	C
7:15 AM	2	109.0	0.70	23.8	C
7:15 AM	3	97.0	2.10	79.2	F
7:15 AM	4	108.0	0.70	23.3	C
7:15 AM	5	108.0	0.60	18.4	C
7:15 AM	6	108.0	1.20	39.8	E
7:15 AM	7	110.0	0.90	30.4	D
7:15 AM	8	111.0	0.40	13.0	B
7:15 AM	9	111.0	0.60	19.9	C
7:15 AM	10	119.0	1.00	28.8	D
7:30 AM	1	111.0	0.60	17.9	C
7:30 AM	2	111.0	0.90	27.9	D
7:30 AM	3	127.0	2.10	60.5	F
7:30 AM	4	107.0	1.10	37.0	E
7:30 AM	5	109.0	0.80	26.1	D
7:30 AM	6	109.0	0.60	20.8	C
7:30 AM	7	111.0	0.60	20.1	C
7:30 AM	8	111.0	0.70	21.7	C
7:30 AM	9	101.0	0.90	32.1	D
7:30 AM	10	106.0	0.60	19.6	C
7:45 AM	1	110.0	0.50	16.7	C
7:45 AM	2	114.0	0.80	25.0	D
7:45 AM	3	108.0	0.60	19.5	C
7:45 AM	4	118.0	0.80	25.3	D
7:45 AM	5	109.0	0.90	30.3	D
7:45 AM	6	109.0	0.80	26.3	D
7:45 AM	7	110.0	0.40	13.7	B
7:45 AM	8	106.0	0.80	26.5	D
7:45 AM	9	118.0	1.10	33.5	D
7:45 AM	10	110.0	0.80	25.7	D
8:00 AM	1	110.0	0.90	29.4	D
8:00 AM	2	106.0	0.90	30.9	D
8:00 AM	3	113.0	1.10	34.0	D
8:00 AM	4	110.0	1.50	49.0	E
8:00 AM	5	114.0	0.50	17.3	C
8:00 AM	6	115.0	0.70	23.3	C
8:00 AM	7	106.0	0.70	22.9	C
8:00 AM	8	112.0	0.80	24.9	C
8:00 AM	9	111.0	0.90	27.6	D
8:00 AM	10	115.0	0.80	24.5	C
7:15 AM	Avg	109.2	0.89	30.0	D
7:30 AM	Avg	110.3	0.89	28.4	D
7:45 AM	Avg	111.2	0.75	24.2	C

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	111.2	0.88	28.4	D
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	1	50.0	0.10	9.1	A
7:15 AM	2	51.0	0.10	8.4	A
7:15 AM	3	54.0	0.10	7.6	A
7:15 AM	4	54.0	0.20	10.7	B
7:15 AM	5	57.0	0.10	8.3	A
7:15 AM	6	59.0	0.10	8.4	A
7:15 AM	7	53.0	0.10	9.1	A
7:15 AM	8	51.0	0.10	8.9	A
7:15 AM	9	59.0	0.10	8.2	A
7:15 AM	10	60.0	0.10	8.6	A
7:30 AM	1	58.0	0.10	8.8	A
7:30 AM	2	56.0	0.10	8.8	A
7:30 AM	3	54.0	0.10	9.3	A
7:30 AM	4	54.0	0.10	8.8	A
7:30 AM	5	53.0	0.10	9.0	A
7:30 AM	6	57.0	0.10	8.0	A
7:30 AM	7	54.0	0.10	8.2	A
7:30 AM	8	57.0	0.10	8.1	A
7:30 AM	9	54.0	0.10	8.2	A
7:30 AM	10	51.0	0.10	9.8	A
7:45 AM	1	56.0	0.10	9.1	A
7:45 AM	2	54.0	0.20	10.3	B
7:45 AM	3	57.0	0.10	8.1	A
7:45 AM	4	56.0	0.10	8.6	A
7:45 AM	5	56.0	0.20	10.0	A
7:45 AM	6	53.0	0.10	9.7	A
7:45 AM	7	56.0	0.10	9.2	A
7:45 AM	8	52.0	0.10	7.9	A
7:45 AM	9	58.0	0.10	9.2	A
7:45 AM	10	54.0	0.10	8.7	A
8:00 AM	1	57.0	0.20	9.5	A
8:00 AM	2	53.0	0.10	9.9	A
8:00 AM	3	57.0	0.10	8.9	A
8:00 AM	4	49.0	0.10	9.8	A
8:00 AM	5	48.0	0.10	6.9	A
8:00 AM	6	60.0	0.10	8.7	A
8:00 AM	7	51.0	0.10	8.3	A
8:00 AM	8	56.0	0.10	8.9	A
8:00 AM	9	55.0	0.10	9.7	A
8:00 AM	10	55.0	0.10	9.7	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	54.8	0.11	8.7	A
7:30 AM	Avg	54.8	0.10	8.7	A
7:45 AM	Avg	55.2	0.12	9.1	A
8:00 AM	Avg	54.1	0.11	9.0	A
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	1	84.0	0.20	9.9	A
7:15 AM	2	84.0	0.20	8.6	A
7:15 AM	3	84.0	0.20	9.9	A
7:15 AM	4	88.0	0.20	9.8	A
7:15 AM	5	81.0	0.20	10.3	B
7:15 AM	6	79.0	0.20	9.5	A
7:15 AM	7	87.0	0.30	10.5	B
7:15 AM	8	86.0	0.30	10.7	B
7:15 AM	9	81.0	0.20	10.1	B
7:15 AM	10	80.0	0.20	9.6	A
7:30 AM	1	78.0	0.20	10.0	A
7:30 AM	2	82.0	0.20	10.0	A
7:30 AM	3	83.0	0.30	10.9	B
7:30 AM	4	86.0	0.20	9.9	A
7:30 AM	5	83.0	0.20	8.8	A
7:30 AM	6	83.0	0.20	10.0	B
7:30 AM	7	82.0	0.20	9.5	A
7:30 AM	8	81.0	0.20	10.5	B
7:30 AM	9	82.0	0.20	9.5	A
7:30 AM	10	86.0	0.20	9.9	A
7:45 AM	1	82.0	0.20	10.8	B
7:45 AM	2	85.0	0.20	10.1	B
7:45 AM	3	80.0	0.20	10.1	B
7:45 AM	4	78.0	0.20	9.5	A
7:45 AM	5	83.0	0.20	9.7	A
7:45 AM	6	82.0	0.20	10.4	B
7:45 AM	7	81.0	0.20	10.4	B
7:45 AM	8	87.0	0.20	10.2	B
7:45 AM	9	81.0	0.30	11.8	B
7:45 AM	10	86.0	0.20	10.2	B
8:00 AM	1	84.0	0.20	9.0	A
8:00 AM	2	85.0	0.20	9.7	A
8:00 AM	3	82.0	0.20	10.1	B
8:00 AM	4	89.0	0.20	9.1	A
8:00 AM	5	90.0	0.30	10.8	B
8:00 AM	6	77.0	0.20	9.9	A
8:00 AM	7	87.0	0.20	9.6	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	80.0	0.20	10.3	B
8:00 AM	9	83.0	0.20	10.1	B
8:00 AM	10	79.0	0.20	10.4	B
7:15 AM	Avg	83.4	0.22	9.9	A
7:30 AM	Avg	82.6	0.21	9.9	A
7:45 AM	Avg	82.5	0.21	10.3	B
8:00 AM	Avg	83.6	0.21	9.9	A
SEB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	1	71.0	0.20	10.3	B
7:15 AM	2	78.0	0.30	12.2	B
7:15 AM	3	66.0	0.20	10.8	B
7:15 AM	4	67.0	0.20	11.9	B
7:15 AM	5	70.0	0.20	10.2	B
7:15 AM	6	71.0	0.20	10.8	B
7:15 AM	7	65.0	0.20	10.4	B
7:15 AM	8	70.0	0.20	10.3	B
7:15 AM	9	71.0	0.20	9.9	A
7:15 AM	10	70.0	0.20	11.1	B
7:30 AM	1	73.0	0.20	9.2	A
7:30 AM	2	67.0	0.20	8.8	A
7:30 AM	3	63.0	0.20	11.3	B
7:30 AM	4	70.0	0.20	11.6	B
7:30 AM	5	74.0	0.20	9.9	A
7:30 AM	6	74.0	0.20	9.6	A
7:30 AM	7	74.0	0.20	9.6	A
7:30 AM	8	77.0	0.20	11.5	B
7:30 AM	9	74.0	0.20	9.8	A
7:30 AM	10	68.0	0.20	10.8	B
7:45 AM	1	72.0	0.20	10.0	A
7:45 AM	2	72.0	0.20	10.3	B
7:45 AM	3	70.0	0.20	10.2	B
7:45 AM	4	72.0	0.20	10.6	B
7:45 AM	5	64.0	0.20	9.0	A
7:45 AM	6	74.0	0.20	10.6	B
7:45 AM	7	74.0	0.20	10.3	B
7:45 AM	8	71.0	0.20	9.7	A
7:45 AM	9	70.0	0.20	9.6	A
7:45 AM	10	71.0	0.30	13.3	B
8:00 AM	1	69.0	0.20	11.9	B
8:00 AM	2	73.0	0.20	9.8	A
8:00 AM	3	66.0	0.20	12.0	B
8:00 AM	4	66.0	0.20	9.5	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	71.0	0.20	11.4	B
8:00 AM	6	71.0	0.20	10.6	B
8:00 AM	7	70.0	0.20	9.4	A
8:00 AM	8	73.0	0.20	11.3	B
8:00 AM	9	70.0	0.20	11.0	B
8:00 AM	10	71.0	0.20	10.5	B
7:15 AM	Avg	69.9	0.21	10.8	B
7:30 AM	Avg	71.4	0.20	10.2	B
7:45 AM	Avg	71.0	0.21	10.3	B
8:00 AM	Avg	70.0	0.20	10.7	B
SEB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	1	63.0	0.20	9.3	A
7:15 AM	2	60.0	0.20	9.9	A
7:15 AM	3	66.0	0.20	9.7	A
7:15 AM	4	68.0	0.20	10.6	B
7:15 AM	5	61.0	0.20	9.5	A
7:15 AM	6	62.0	0.20	9.2	A
7:15 AM	7	64.0	0.20	8.7	A
7:15 AM	8	61.0	0.20	10.9	B
7:15 AM	9	61.0	0.10	7.8	A
7:15 AM	10	63.0	0.20	10.2	B
7:30 AM	1	58.0	0.10	9.2	A
7:30 AM	2	65.0	0.20	8.6	A
7:30 AM	3	69.0	0.20	8.8	A
7:30 AM	4	60.0	0.20	10.6	B
7:30 AM	5	61.0	0.20	10.1	B
7:30 AM	6	57.0	0.10	9.1	A
7:30 AM	7	57.0	0.10	9.4	A
7:30 AM	8	56.0	0.20	10.1	B
7:30 AM	9	59.0	0.10	8.2	A
7:30 AM	10	60.0	0.10	8.8	A
7:45 AM	1	59.0	0.20	9.9	A
7:45 AM	2	58.0	0.20	10.3	B
7:45 AM	3	67.0	0.20	8.9	A
7:45 AM	4	63.0	0.20	10.2	B
7:45 AM	5	67.0	0.20	8.9	A
7:45 AM	6	60.0	0.20	10.5	B
7:45 AM	7	62.0	0.20	8.9	A
7:45 AM	8	64.0	0.10	7.5	A
7:45 AM	9	62.0	0.20	9.0	A
7:45 AM	10	66.0	0.20	8.8	A
8:00 AM	1	66.0	0.20	9.5	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	59.0	0.20	10.5	B
8:00 AM	3	63.0	0.20	9.1	A
8:00 AM	4	68.0	0.20	8.4	A
8:00 AM	5	62.0	0.20	9.9	A
8:00 AM	6	59.0	0.10	9.0	A
8:00 AM	7	62.0	0.20	9.2	A
8:00 AM	8	60.0	0.20	9.6	A
8:00 AM	9	63.0	0.20	9.1	A
8:00 AM	10	60.0	0.20	9.2	A
7:15 AM	Avg	62.9	0.19	9.6	A
7:30 AM	Avg	60.2	0.15	9.3	A
7:45 AM	Avg	62.8	0.19	9.3	A
8:00 AM	Avg	62.2	0.19	9.3	A
WB T on LAKE AVE NW: Lane ID 274815					
7:15 AM	1	171.0	0.30	5.6	A
7:15 AM	2	168.0	0.20	4.8	A
7:15 AM	3	174.0	0.20	4.9	A
7:15 AM	4	172.0	0.20	5.1	A
7:15 AM	5	175.0	0.20	5.1	A
7:15 AM	6	169.0	0.20	5.1	A
7:15 AM	7	175.0	0.20	4.9	A
7:15 AM	8	170.0	0.20	5.0	A
7:15 AM	9	172.0	0.20	5.1	A
7:15 AM	10	171.0	0.30	5.7	A
7:30 AM	1	176.0	0.30	5.5	A
7:30 AM	2	172.0	0.20	4.3	A
7:30 AM	3	170.0	0.20	5.2	A
7:30 AM	4	173.0	0.20	5.2	A
7:30 AM	5	173.0	0.30	5.3	A
7:30 AM	6	175.0	0.20	5.0	A
7:30 AM	7	168.0	0.20	4.7	A
7:30 AM	8	172.0	0.20	5.0	A
7:30 AM	9	174.0	0.30	5.5	A
7:30 AM	10	173.0	0.30	5.7	A
7:45 AM	1	173.0	0.20	5.1	A
7:45 AM	2	175.0	0.20	5.0	A
7:45 AM	3	175.0	0.30	5.4	A
7:45 AM	4	171.0	0.20	4.6	A
7:45 AM	5	172.0	0.20	4.7	A
7:45 AM	6	174.0	0.30	6.1	A
7:45 AM	7	176.0	0.20	5.0	A
7:45 AM	8	173.0	0.20	4.8	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	9	170.0	0.20	4.6	A
7:45 AM	10	171.0	0.30	5.4	A
8:00 AM	1	171.0	0.20	5.2	A
8:00 AM	2	177.0	0.30	5.1	A
8:00 AM	3	174.0	0.20	5.0	A
8:00 AM	4	175.0	0.30	5.7	A
8:00 AM	5	173.0	0.20	5.2	A
8:00 AM	6	170.0	0.20	5.0	A
8:00 AM	7	172.0	0.20	4.4	A
8:00 AM	8	172.0	0.20	4.9	A
8:00 AM	9	175.0	0.20	5.0	A
8:00 AM	10	174.0	0.30	6.0	A
7:15 AM	Avg	171.7	0.22	5.1	A
7:30 AM	Avg	172.6	0.24	5.1	A
7:45 AM	Avg	173.0	0.23	5.1	A
8:00 AM	Avg	173.3	0.23	5.1	A

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	0.5	0.1	0.4	0.6	10
7:30 AM	0.5	0.1	0.4	0.6	10
7:45 AM	0.5	0.0	0.4	0.5	10
8:00 AM	0.5	0.1	0.4	0.6	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.2	10
SB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	0.9	0.5	0.4	2.1	10
7:30 AM	0.9	0.5	0.6	2.1	10
7:45 AM	0.8	0.2	0.4	1.1	10
8:00 AM	0.9	0.3	0.5	1.5	10
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.2	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.2	0.0	0.2	0.3	10
7:45 AM	0.2	0.0	0.2	0.3	10
8:00 AM	0.2	0.0	0.2	0.3	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.3	10
8:00 AM	0.2	0.0	0.2	0.2	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	0.2	0.0	0.1	0.2	10
7:30 AM	0.2	0.1	0.1	0.2	10
7:45 AM	0.2	0.0	0.1	0.2	10
8:00 AM	0.2	0.0	0.1	0.2	10
WB T on LAKE AVE NW: Lane ID 274815					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.2	0.1	0.2	0.3	10
7:45 AM	0.2	0.0	0.2	0.3	10
8:00 AM	0.2	0.0	0.2	0.3	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	9.2	1.0	7.7	10.7	10
7:30 AM	9.2	1.3	7.5	11.5	10
7:45 AM	9.1	0.8	7.9	10.3	10
8:00 AM	9.5	1.1	7.9	11.4	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	11.2	1.5	9.3	14.5	10
7:30 AM	10.9	1.9	9.0	14.8	10
7:45 AM	11.5	2.1	9.2	15.4	10
8:00 AM	11.2	1.9	8.9	15.2	10
SB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	7.5	1.1	6.4	10.0	10
7:30 AM	7.1	0.4	6.6	7.9	10
7:45 AM	7.4	0.6	6.5	8.7	10
8:00 AM	6.9	0.6	6.1	7.8	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	5.7	0.8	4.7	7.3	10
7:30 AM	5.4	0.3	4.7	5.8	10
7:45 AM	5.4	0.6	4.6	6.3	10
8:00 AM	5.4	0.6	4.3	6.2	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	30.0	18.8	13.0	79.2	10
7:30 AM	28.4	12.8	17.9	60.5	10
7:45 AM	24.2	6.0	13.7	33.5	10
8:00 AM	28.4	8.6	17.3	49.0	10
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	8.7	0.8	7.6	10.7	10
7:30 AM	8.7	0.6	8.0	9.8	10
7:45 AM	9.1	0.8	7.9	10.3	10
8:00 AM	9.0	0.9	6.9	9.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	9.9	0.6	8.6	10.7	10
7:30 AM	9.9	0.6	8.8	10.9	10
7:45 AM	10.3	0.6	9.5	11.8	10
8:00 AM	9.9	0.6	9.0	10.8	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	10.8	0.7	9.9	12.2	10
7:30 AM	10.2	1.0	8.8	11.6	10
7:45 AM	10.3	1.2	9.0	13.3	10
8:00 AM	10.7	0.9	9.4	12.0	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	9.6	0.9	7.8	10.9	10
7:30 AM	9.3	0.8	8.2	10.6	10
7:45 AM	9.3	0.9	7.5	10.5	10
8:00 AM	9.3	0.6	8.4	10.5	10
WB T on LAKE AVE NW: Lane ID 274815					
7:15 AM	5.1	0.3	4.8	5.7	10
7:30 AM	5.1	0.4	4.3	5.7	10
7:45 AM	5.1	0.5	4.6	6.1	10
8:00 AM	5.1	0.4	4.4	6.0	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
7:15 AM	1	30.0	14.7	0.6	68.3	3.0	0.0%
7:15 AM	2	30.0	11.5	0.4	81.5	3.0	0.0%
7:15 AM	3	30.0	10.2	0.4	51.9	2.0	0.0%
7:15 AM	4	30.0	11.3	0.5	48.7	2.0	0.0%
7:15 AM	5	30.0	24.3	1.0	114.2	4.0	0.0%
7:15 AM	6	30.0	13.1	0.5	59.8	2.5	0.0%
7:15 AM	7	30.0	14.0	0.5	94.9	3.5	0.0%
7:15 AM	8	30.0	22.4	0.8	65.0	2.5	0.0%
7:15 AM	9	30.0	14.7	0.6	81.0	3.0	0.0%
7:15 AM	10	30.0	5.0	0.2	38.2	1.0	0.0%
7:30 AM	1	30.0	26.6	1.0	94.2	3.5	0.0%
7:30 AM	2	30.0	20.2	0.8	115.7	4.5	0.0%
7:30 AM	3	30.0	24.7	0.9	123.3	4.5	0.0%
7:30 AM	4	30.0	9.8	0.3	80.9	2.5	0.0%
7:30 AM	5	30.0	20.1	0.8	110.4	3.0	0.0%
7:30 AM	6	30.0	11.4	0.4	65.4	2.5	0.0%
7:30 AM	7	30.0	13.9	0.5	114.8	4.1	0.0%
7:30 AM	8	30.0	22.3	0.9	113.7	4.1	0.0%
7:30 AM	9	30.0	20.3	0.7	136.1	4.0	0.0%
7:30 AM	10	30.0	8.8	0.3	49.2	1.5	0.0%
7:45 AM	1	30.0	20.7	0.8	91.2	3.5	0.0%
7:45 AM	2	30.0	22.4	0.9	109.0	3.5	0.0%
7:45 AM	3	30.0	18.1	0.8	90.5	3.5	0.0%
7:45 AM	4	30.0	13.8	0.5	83.2	3.0	0.0%
7:45 AM	5	30.0	6.9	0.3	63.1	2.5	0.0%
7:45 AM	6	30.0	26.8	1.0	96.0	3.5	0.0%
7:45 AM	7	30.0	16.0	0.6	95.2	3.0	0.0%
7:45 AM	8	30.0	13.6	0.5	58.7	2.0	0.0%
7:45 AM	9	30.0	7.8	0.3	41.6	1.5	0.0%
7:45 AM	10	30.0	9.7	0.4	59.3	2.5	0.0%
8:00 AM	1	29.0	14.2	0.6	81.4	3.0	0.0%
8:00 AM	2	29.0	21.3	0.8	76.4	3.0	3.4%
8:00 AM	3	29.0	12.0	0.4	83.6	2.6	0.0%
8:00 AM	4	29.0	11.1	0.5	44.3	2.0	0.0%
8:00 AM	5	29.0	31.3	1.1	110.9	4.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	25.7	1.0	128.6	4.0	0.0%
8:00 AM	7	29.0	22.1	0.8	86.3	3.0	0.0%
8:00 AM	8	29.0	26.3	1.0	156.9	4.8	3.4%
8:00 AM	9	29.0	32.8	1.2	152.3	5.6	0.0%
8:00 AM	10	29.0	20.9	0.8	101.3	4.0	0.0%
7:15 AM	Avg	30.0	14.1	0.6	70.4	2.7	0.0%
7:30 AM	Avg	30.0	17.8	0.7	100.4	3.4	0.0%
7:45 AM	Avg	30.0	15.6	0.6	78.8	2.9	0.0%
8:00 AM	Avg	29.0	21.8	0.8	102.2	3.6	0.7%
NB T on [Unnamed Street] - Lane ID 274791							
7:15 AM	1	30.0	4.7	0.2	22.6	1.0	0.0%
7:15 AM	2	30.0	10.1	0.4	57.1	2.0	0.0%
7:15 AM	3	30.0	6.3	0.4	29.0	1.5	0.0%
7:15 AM	4	30.0	4.5	0.2	20.4	1.0	0.0%
7:15 AM	5	30.0	8.5	0.4	41.1	2.0	0.0%
7:15 AM	6	30.0	6.9	0.3	27.3	1.0	0.0%
7:15 AM	7	30.0	6.5	0.3	33.1	1.5	0.0%
7:15 AM	8	30.0	3.8	0.2	18.0	1.0	0.0%
7:15 AM	9	30.0	9.8	0.4	45.0	1.5	0.0%
7:15 AM	10	30.0	8.9	0.4	41.1	1.5	0.0%
7:30 AM	1	30.0	2.1	0.1	15.5	1.0	0.0%
7:30 AM	2	30.0	4.8	0.2	28.9	1.5	0.0%
7:30 AM	3	30.0	5.3	0.3	24.8	1.0	0.0%
7:30 AM	4	30.0	5.8	0.3	33.1	1.5	0.0%
7:30 AM	5	30.0	5.5	0.3	18.6	1.0	0.0%
7:30 AM	6	30.0	5.6	0.3	21.7	1.0	0.0%
7:30 AM	7	30.0	5.7	0.3	29.7	1.0	0.0%
7:30 AM	8	30.0	9.4	0.4	50.4	2.1	0.0%
7:30 AM	9	30.0	4.5	0.2	30.7	1.5	0.0%
7:30 AM	10	30.0	9.0	0.4	31.6	1.0	0.0%
7:45 AM	1	30.0	6.9	0.3	33.5	1.5	0.0%
7:45 AM	2	30.0	11.0	0.4	50.2	2.0	0.0%
7:45 AM	3	30.0	8.5	0.4	49.1	2.0	0.0%
7:45 AM	4	30.0	3.6	0.2	18.5	1.0	0.0%
7:45 AM	5	30.0	3.0	0.2	17.6	1.0	0.0%
7:45 AM	6	30.0	8.3	0.4	26.0	1.0	0.0%
7:45 AM	7	30.0	2.9	0.2	17.8	1.0	0.0%
7:45 AM	8	30.0	3.0	0.2	18.1	1.0	0.0%
7:45 AM	9	30.0	5.0	0.3	22.7	1.0	0.0%
7:45 AM	10	30.0	5.1	0.2	22.9	1.0	0.0%
8:00 AM	1	29.0	4.8	0.3	16.8	1.0	0.0%
8:00 AM	2	29.0	5.4	0.2	28.7	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	4.8	0.2	21.4	1.0	0.0%
8:00 AM	4	29.0	3.1	0.2	16.3	1.0	0.0%
8:00 AM	5	29.0	6.9	0.4	26.1	1.6	0.0%
8:00 AM	6	29.0	3.4	0.2	16.7	1.0	0.0%
8:00 AM	7	29.0	1.7	0.1	14.9	1.0	0.0%
8:00 AM	8	29.0	7.1	0.2	40.0	1.0	0.0%
8:00 AM	9	29.0	5.1	0.2	25.9	1.0	0.0%
8:00 AM	10	29.0	9.4	0.3	61.0	2.6	0.0%
7:15 AM	Avg	30.0	7.0	0.3	33.5	1.4	0.0%
7:30 AM	Avg	30.0	5.8	0.3	28.5	1.3	0.0%
7:45 AM	Avg	30.0	5.7	0.3	27.6	1.3	0.0%
8:00 AM	Avg	29.0	5.2	0.2	26.8	1.2	0.0%
SB T on [Unnamed Street] - Lane ID 274793							
7:15 AM	1	30.0	12.2	0.5	89.2	3.5	0.0%
7:15 AM	2	30.0	7.0	0.3	46.6	1.5	0.0%
7:15 AM	3	30.0	3.8	0.2	16.5	1.0	0.0%
7:15 AM	4	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	14.4	0.6	59.0	2.5	0.0%
7:15 AM	6	30.0	7.7	0.3	50.5	1.0	0.0%
7:15 AM	7	30.0	4.7	0.2	33.3	1.0	0.0%
7:15 AM	8	30.0	4.9	0.2	36.0	1.5	0.0%
7:15 AM	9	30.0	5.8	0.3	22.7	1.0	0.0%
7:15 AM	10	30.0	7.9	0.3	47.7	2.0	0.0%
7:30 AM	1	30.0	4.4	0.2	37.9	1.5	0.0%
7:30 AM	2	30.0	7.0	0.3	40.5	1.5	0.0%
7:30 AM	3	30.0	5.5	0.3	41.7	2.0	0.0%
7:30 AM	4	30.0	5.5	0.2	24.3	1.0	0.0%
7:30 AM	5	30.0	10.9	0.4	32.6	1.0	0.0%
7:30 AM	6	30.0	3.7	0.2	23.0	1.0	0.0%
7:30 AM	7	30.0	3.9	0.2	20.8	1.0	0.0%
7:30 AM	8	30.0	5.2	0.2	22.4	1.0	0.0%
7:30 AM	9	30.0	6.7	0.3	32.3	1.5	0.0%
7:30 AM	10	30.0	5.3	0.2	33.6	1.5	0.0%
7:45 AM	1	30.0	6.3	0.2	20.9	1.0	0.0%
7:45 AM	2	30.0	6.7	0.3	24.3	1.0	0.0%
7:45 AM	3	30.0	4.0	0.2	24.0	1.0	0.0%
7:45 AM	4	30.0	4.2	0.2	34.7	1.5	0.0%
7:45 AM	5	30.0	5.4	0.3	32.7	1.5	0.0%
7:45 AM	6	30.0	6.7	0.3	36.2	1.5	0.0%
7:45 AM	7	30.0	8.3	0.4	38.3	1.5	0.0%
7:45 AM	8	30.0	4.8	0.3	20.6	1.0	0.0%
7:45 AM	9	30.0	6.3	0.3	25.5	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	5.3	0.2	33.3	1.0	0.0%
8:00 AM	1	29.0	4.9	0.2	28.4	1.0	0.0%
8:00 AM	2	29.0	3.3	0.2	18.5	1.0	0.0%
8:00 AM	3	29.0	4.4	0.2	18.0	1.0	0.0%
8:00 AM	4	29.0	6.2	0.3	37.9	2.0	0.0%
8:00 AM	5	29.0	2.8	0.1	18.3	1.0	0.0%
8:00 AM	6	29.0	1.7	0.1	10.4	0.6	0.0%
8:00 AM	7	29.0	2.8	0.1	19.4	1.0	0.0%
8:00 AM	8	29.0	7.9	0.3	43.2	1.6	0.0%
8:00 AM	9	29.0	9.8	0.4	52.9	2.0	0.0%
8:00 AM	10	29.0	6.5	0.3	31.9	1.6	0.0%
7:15 AM	Avg	30.0	6.9	0.3	40.2	1.5	0.0%
7:30 AM	Avg	30.0	5.8	0.3	30.9	1.3	0.0%
7:45 AM	Avg	30.0	5.8	0.3	29.1	1.2	0.0%
8:00 AM	Avg	29.0	5.0	0.2	27.9	1.3	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
7:15 AM	1	30.0	9.5	0.4	53.8	2.0	0.0%
7:15 AM	2	30.0	5.3	0.2	36.5	1.0	0.0%
7:15 AM	3	30.0	6.9	0.3	38.5	1.0	0.0%
7:15 AM	4	30.0	16.1	0.6	68.4	2.5	0.0%
7:15 AM	5	30.0	6.0	0.2	28.0	1.0	0.0%
7:15 AM	6	30.0	10.7	0.4	47.9	2.0	0.0%
7:15 AM	7	30.0	12.8	0.6	60.7	2.5	0.0%
7:15 AM	8	30.0	15.4	0.6	76.9	2.5	0.0%
7:15 AM	9	30.0	8.7	0.4	35.3	1.5	0.0%
7:15 AM	10	30.0	13.1	0.4	53.6	2.0	0.0%
7:30 AM	1	30.0	15.2	0.6	70.6	2.5	0.0%
7:30 AM	2	30.0	13.2	0.6	42.4	2.0	0.0%
7:30 AM	3	30.0	10.8	0.5	47.6	2.0	0.0%
7:30 AM	4	30.0	15.4	0.5	102.8	2.5	0.0%
7:30 AM	5	30.0	7.2	0.3	40.8	1.5	0.0%
7:30 AM	6	30.0	12.2	0.5	57.4	2.0	0.0%
7:30 AM	7	30.0	4.9	0.2	39.6	1.5	0.0%
7:30 AM	8	30.0	9.8	0.4	57.3	2.5	0.0%
7:30 AM	9	30.0	6.2	0.3	21.9	1.0	0.0%
7:30 AM	10	30.0	4.5	0.2	21.6	1.0	0.0%
7:45 AM	1	30.0	7.0	0.3	32.8	1.5	0.0%
7:45 AM	2	30.0	9.7	0.4	56.5	2.0	0.0%
7:45 AM	3	30.0	20.3	0.7	86.9	2.0	0.0%
7:45 AM	4	30.0	11.9	0.5	60.9	2.0	0.0%
7:45 AM	5	30.0	5.6	0.3	34.7	1.5	0.0%
7:45 AM	6	30.0	13.6	0.6	55.2	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	10.5	0.3	58.5	2.0	0.0%
7:45 AM	8	30.0	15.4	0.5	62.5	2.0	0.0%
7:45 AM	9	30.0	14.6	0.6	54.3	2.0	0.0%
7:45 AM	10	30.0	20.3	0.7	88.6	3.0	0.0%
8:00 AM	1	29.0	7.6	0.3	39.4	2.0	0.0%
8:00 AM	2	29.0	6.7	0.3	37.4	1.0	0.0%
8:00 AM	3	29.0	9.0	0.3	47.0	2.0	0.0%
8:00 AM	4	29.0	11.2	0.4	39.8	1.6	0.0%
8:00 AM	5	29.0	16.1	0.6	68.9	2.0	0.0%
8:00 AM	6	29.0	10.2	0.4	59.9	2.0	0.0%
8:00 AM	7	29.0	10.4	0.4	53.7	2.0	0.0%
8:00 AM	8	29.0	12.8	0.6	53.3	2.0	0.0%
8:00 AM	9	29.0	12.5	0.5	50.6	2.0	0.0%
8:00 AM	10	29.0	10.6	0.4	36.5	1.0	0.0%
7:15 AM	Avg	30.0	10.5	0.4	50.0	1.8	0.0%
7:30 AM	Avg	30.0	9.9	0.4	50.2	1.9	0.0%
7:45 AM	Avg	30.0	12.9	0.5	59.1	2.0	0.0%
8:00 AM	Avg	29.0	10.7	0.4	48.7	1.8	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
7:15 AM	1	30.0	63.7	2.3	158.3	6.0	0.0%
7:15 AM	2	30.0	47.8	1.8	152.0	6.0	0.0%
7:15 AM	3	30.0	186.1	6.5	460.6	17.0	0.0%
7:15 AM	4	30.0	53.2	2.0	140.5	5.0	0.0%
7:15 AM	5	30.0	46.5	1.9	112.1	4.0	0.0%
7:15 AM	6	30.0	56.8	2.2	219.6	8.5	0.0%
7:15 AM	7	30.0	76.6	2.8	253.8	9.1	0.0%
7:15 AM	8	30.0	25.5	1.0	89.1	3.0	0.0%
7:15 AM	9	30.0	44.0	1.8	151.9	6.0	0.0%
7:15 AM	10	30.0	49.6	1.9	191.7	6.5	0.0%
7:30 AM	1	30.0	37.0	1.4	145.3	5.6	0.0%
7:30 AM	2	30.0	47.6	1.8	154.8	5.5	0.0%
7:30 AM	3	30.0	141.6	5.1	440.9	14.5	0.0%
7:30 AM	4	30.0	70.9	2.6	236.2	8.1	0.0%
7:30 AM	5	30.0	55.7	2.2	183.7	6.5	0.0%
7:30 AM	6	30.0	58.9	2.3	162.8	6.0	0.0%
7:30 AM	7	30.0	42.4	1.6	141.8	5.0	0.0%
7:30 AM	8	30.0	41.8	1.7	129.3	5.1	0.0%
7:30 AM	9	30.0	81.6	2.9	232.2	8.5	0.0%
7:30 AM	10	30.0	49.1	1.8	160.8	5.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	1	30.0	37.8	1.5	91.3	3.5	0.0%
7:45 AM	2	30.0	64.1	2.5	140.0	5.0	0.0%
7:45 AM	3	30.0	43.4	1.7	178.4	6.0	0.0%
7:45 AM	4	30.0	54.8	2.1	278.1	9.5	0.0%
7:45 AM	5	30.0	64.9	2.3	192.9	6.0	0.0%
7:45 AM	6	30.0	51.6	1.9	165.3	6.0	0.0%
7:45 AM	7	30.0	20.1	0.9	69.6	2.5	0.0%
7:45 AM	8	30.0	66.0	2.5	159.0	5.5	0.0%
7:45 AM	9	30.0	84.4	3.2	245.0	9.2	0.0%
7:45 AM	10	30.0	48.7	1.8	156.7	5.0	0.0%
8:00 AM	1	29.0	77.4	2.7	246.7	8.6	0.0%
8:00 AM	2	29.0	69.9	2.7	224.9	8.6	0.0%
8:00 AM	3	29.0	68.2	2.7	201.4	7.6	0.0%
8:00 AM	4	29.0	120.1	4.3	278.2	10.2	0.0%
8:00 AM	5	29.0	33.0	1.4	157.9	6.2	0.0%
8:00 AM	6	29.0	58.8	2.3	139.7	5.0	0.0%
8:00 AM	7	29.0	69.6	2.4	222.3	7.6	0.0%
8:00 AM	8	29.0	56.0	2.1	202.8	6.6	0.0%
8:00 AM	9	29.0	61.6	2.3	202.8	7.6	0.0%
8:00 AM	10	29.0	73.8	2.6	180.5	5.0	0.0%
7:15 AM	Avg	30.0	65.0	2.4	193.0	7.1	0.0%
7:30 AM	Avg	30.0	62.7	2.3	198.8	7.0	0.0%
7:45 AM	Avg	30.0	53.6	2.0	167.6	5.8	0.0%
8:00 AM	Avg	29.0	68.8	2.6	205.7	7.3	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
7:15 AM	1	30.0	4.5	0.2	21.3	1.0	0.0%
7:15 AM	2	30.0	4.4	0.2	20.1	1.0	0.0%
7:15 AM	3	30.0	1.4	0.1	8.8	0.5	0.0%
7:15 AM	4	30.0	7.8	0.4	26.9	1.0	0.0%
7:15 AM	5	30.0	1.7	0.1	15.4	1.0	0.0%
7:15 AM	6	30.0	3.4	0.1	17.7	1.0	0.0%
7:15 AM	7	30.0	3.6	0.2	17.9	1.0	0.0%
7:15 AM	8	30.0	1.8	0.1	15.5	1.0	0.0%
7:15 AM	9	30.0	2.3	0.1	18.7	1.0	0.0%
7:15 AM	10	30.0	4.0	0.2	19.8	1.0	0.0%
7:30 AM	1	30.0	2.0	0.1	15.4	1.0	0.0%
7:30 AM	2	30.0	1.9	0.1	18.1	1.0	0.0%
7:30 AM	3	30.0	4.2	0.2	17.0	1.0	0.0%
7:30 AM	4	30.0	6.5	0.3	25.3	1.0	0.0%
7:30 AM	5	30.0	3.6	0.2	25.3	1.0	0.0%
7:30 AM	6	30.0	6.7	0.2	49.0	1.5	0.0%
7:30 AM	7	30.0	1.8	0.1	15.6	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	1.8	0.1	15.9	1.0	0.0%
7:30 AM	9	30.0	3.6	0.2	17.4	1.0	0.0%
7:30 AM	10	30.0	5.2	0.3	19.7	1.0	0.0%
7:45 AM	1	30.0	5.2	0.3	20.7	1.0	0.0%
7:45 AM	2	30.0	4.1	0.2	21.9	1.0	0.0%
7:45 AM	3	30.0	3.9	0.2	20.3	1.0	0.0%
7:45 AM	4	30.0	3.6	0.2	18.4	1.0	0.0%
7:45 AM	5	30.0	6.0	0.3	28.6	1.0	0.0%
7:45 AM	6	30.0	2.2	0.1	16.5	1.0	0.0%
7:45 AM	7	30.0	6.6	0.2	40.6	1.0	0.0%
7:45 AM	8	30.0	1.7	0.1	15.6	1.0	0.0%
7:45 AM	9	30.0	6.0	0.3	34.6	1.5	0.0%
7:45 AM	10	30.0	2.9	0.2	17.5	1.0	0.0%
8:00 AM	1	29.0	3.4	0.2	20.7	1.0	0.0%
8:00 AM	2	29.0	4.8	0.2	19.6	1.0	0.0%
8:00 AM	3	29.0	4.3	0.2	19.6	1.0	0.0%
8:00 AM	4	29.0	6.3	0.3	37.6	1.6	0.0%
8:00 AM	5	29.0	4.5	0.2	19.0	1.0	0.0%
8:00 AM	6	29.0	2.3	0.1	18.6	1.0	0.0%
8:00 AM	7	29.0	2.2	0.1	11.5	1.0	0.0%
8:00 AM	8	29.0	2.2	0.1	16.9	1.0	0.0%
8:00 AM	9	29.0	2.5	0.1	16.9	1.0	0.0%
8:00 AM	10	29.0	5.0	0.2	22.9	1.0	0.0%
7:15 AM	Avg	30.0	3.5	0.2	18.2	1.0	0.0%
7:30 AM	Avg	30.0	3.7	0.2	21.9	1.1	0.0%
7:45 AM	Avg	30.0	4.2	0.2	23.5	1.1	0.0%
8:00 AM	Avg	29.0	3.8	0.2	20.3	1.1	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274811							
7:15 AM	1	30.0	8.9	0.4	42.7	1.5	0.0%
7:15 AM	2	30.0	12.6	0.6	44.5	2.0	0.0%
7:15 AM	3	30.0	5.7	0.2	35.2	1.5	0.0%
7:15 AM	4	30.0	7.3	0.4	34.9	1.5	0.0%
7:15 AM	5	30.0	4.8	0.2	31.4	1.0	0.0%
7:15 AM	6	30.0	14.3	0.6	46.0	2.0	0.0%
7:15 AM	7	30.0	9.0	0.4	41.3	1.5	0.0%
7:15 AM	8	30.0	10.0	0.5	56.7	2.0	0.0%
7:15 AM	9	30.0	5.9	0.3	36.9	1.5	0.0%
7:15 AM	10	30.0	5.7	0.3	30.6	1.5	0.0%
7:30 AM	1	30.0	11.0	0.5	47.5	2.0	0.0%
7:30 AM	2	30.0	8.7	0.4	40.9	2.0	0.0%
7:30 AM	3	30.0	13.9	0.6	64.6	2.5	0.0%
7:30 AM	4	30.0	13.4	0.6	51.9	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	4.3	0.2	23.4	1.0	0.0%
7:30 AM	6	30.0	9.1	0.3	58.5	2.0	0.0%
7:30 AM	7	30.0	8.8	0.4	43.5	2.0	0.0%
7:30 AM	8	30.0	5.4	0.3	34.5	1.5	0.0%
7:30 AM	9	30.0	8.9	0.4	48.0	2.0	0.0%
7:30 AM	10	30.0	12.7	0.6	49.7	2.0	0.0%
7:45 AM	1	30.0	9.7	0.4	48.3	1.5	0.0%
7:45 AM	2	30.0	6.8	0.3	36.2	1.5	0.0%
7:45 AM	3	30.0	13.7	0.5	45.3	2.0	0.0%
7:45 AM	4	30.0	11.5	0.4	55.5	1.5	0.0%
7:45 AM	5	30.0	6.7	0.3	45.8	2.0	0.0%
7:45 AM	6	30.0	7.1	0.4	30.5	1.0	0.0%
7:45 AM	7	30.0	11.3	0.5	45.6	2.0	0.0%
7:45 AM	8	30.0	14.3	0.5	59.5	2.0	0.0%
7:45 AM	9	30.0	12.8	0.5	44.6	2.0	0.0%
7:45 AM	10	30.0	7.1	0.3	28.2	1.0	0.0%
8:00 AM	1	29.0	5.4	0.2	28.4	1.0	0.0%
8:00 AM	2	29.0	8.9	0.3	44.6	1.0	0.0%
8:00 AM	3	29.0	6.9	0.3	43.6	2.0	0.0%
8:00 AM	4	29.0	5.1	0.2	40.8	1.6	0.0%
8:00 AM	5	29.0	14.6	0.7	43.5	2.0	0.0%
8:00 AM	6	29.0	14.4	0.4	65.1	2.0	0.0%
8:00 AM	7	29.0	13.5	0.5	93.3	2.6	0.0%
8:00 AM	8	29.0	9.2	0.5	41.0	2.0	0.0%
8:00 AM	9	29.0	13.1	0.6	49.0	2.0	0.0%
8:00 AM	10	29.0	3.2	0.2	18.4	1.0	0.0%
7:15 AM	Avg	30.0	8.4	0.4	40.0	1.6	0.0%
7:30 AM	Avg	30.0	9.6	0.4	46.3	1.9	0.0%
7:45 AM	Avg	30.0	10.1	0.4	44.0	1.7	0.0%
8:00 AM	Avg	29.0	9.4	0.4	46.8	1.7	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274806							
7:15 AM	1	30.0	8.5	0.4	39.2	1.5	0.0%
7:15 AM	2	30.0	15.1	0.6	67.0	2.0	0.0%
7:15 AM	3	30.0	6.6	0.3	33.0	1.5	0.0%
7:15 AM	4	30.0	6.5	0.3	37.7	1.5	0.0%
7:15 AM	5	30.0	7.8	0.3	41.3	1.5	0.0%
7:15 AM	6	30.0	3.7	0.2	17.5	1.0	0.0%
7:15 AM	7	30.0	9.7	0.4	47.1	1.5	0.0%
7:15 AM	8	30.0	9.0	0.4	43.4	2.0	0.0%
7:15 AM	9	30.0	4.8	0.3	20.8	1.0	0.0%
7:15 AM	10	30.0	10.7	0.3	63.5	1.5	0.0%
7:30 AM	1	30.0	7.6	0.3	39.4	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	8.0	0.3	28.4	1.0	0.0%
7:30 AM	3	30.0	10.4	0.5	63.8	2.5	0.0%
7:30 AM	4	30.0	13.6	0.6	61.9	2.5	0.0%
7:30 AM	5	30.0	9.9	0.5	34.2	1.5	0.0%
7:30 AM	6	30.0	7.8	0.4	46.3	2.0	0.0%
7:30 AM	7	30.0	10.0	0.5	60.3	2.5	0.0%
7:30 AM	8	30.0	11.9	0.5	54.0	2.0	0.0%
7:30 AM	9	30.0	5.3	0.2	39.9	1.5	0.0%
7:30 AM	10	30.0	8.6	0.5	44.3	2.0	0.0%
7:45 AM	1	30.0	10.6	0.5	54.7	2.0	0.0%
7:45 AM	2	30.0	8.8	0.4	37.1	1.5	0.0%
7:45 AM	3	30.0	6.7	0.3	33.7	1.5	0.0%
7:45 AM	4	30.0	8.4	0.3	53.2	2.0	0.0%
7:45 AM	5	30.0	5.3	0.3	20.5	1.0	0.0%
7:45 AM	6	30.0	10.2	0.5	39.4	2.0	0.0%
7:45 AM	7	30.0	4.1	0.2	21.8	1.0	0.0%
7:45 AM	8	30.0	7.0	0.3	35.8	1.5	0.0%
7:45 AM	9	30.0	7.6	0.4	16.4	1.0	0.0%
7:45 AM	10	30.0	8.0	0.4	39.8	1.5	0.0%
8:00 AM	1	29.0	14.9	0.6	72.9	3.0	0.0%
8:00 AM	2	29.0	11.8	0.5	52.9	2.0	0.0%
8:00 AM	3	29.0	12.4	0.5	82.0	3.0	0.0%
8:00 AM	4	29.0	9.2	0.5	40.4	2.0	0.0%
8:00 AM	5	29.0	8.9	0.4	26.8	1.0	0.0%
8:00 AM	6	29.0	5.6	0.3	32.7	1.6	0.0%
8:00 AM	7	29.0	7.0	0.3	25.1	1.0	0.0%
8:00 AM	8	29.0	10.1	0.5	62.5	3.0	0.0%
8:00 AM	9	29.0	16.3	0.6	94.0	2.0	0.0%
8:00 AM	10	29.0	14.3	0.6	74.3	2.0	0.0%
7:15 AM	Avg	30.0	8.2	0.4	41.1	1.5	0.0%
7:30 AM	Avg	30.0	9.3	0.4	47.3	1.9	0.0%
7:45 AM	Avg	30.0	7.7	0.4	35.2	1.5	0.0%
8:00 AM	Avg	29.0	11.1	0.5	56.4	2.1	0.0%

SEB T on GREAT LAKES BLVD NW - Lane ID 274807

7:15 AM	1	30.0	6.2	0.3	40.7	1.5	0.0%
7:15 AM	2	30.0	3.8	0.2	19.5	1.0	0.0%
7:15 AM	3	30.0	5.1	0.2	35.7	1.5	0.0%
7:15 AM	4	30.0	7.9	0.3	47.7	1.5	0.0%
7:15 AM	5	30.0	3.0	0.2	17.2	1.0	0.0%
7:15 AM	6	30.0	3.2	0.2	19.2	1.0	0.0%
7:15 AM	7	30.0	6.8	0.3	19.1	1.0	0.0%
7:15 AM	8	30.0	9.1	0.4	35.8	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	1.3	0.1	9.9	0.5	0.0%
7:15 AM	10	30.0	7.8	0.4	45.4	2.0	0.0%
7:30 AM	1	30.0	9.5	0.4	52.1	2.0	0.0%
7:30 AM	2	30.0	7.6	0.3	31.8	1.0	0.0%
7:30 AM	3	30.0	7.8	0.3	40.0	1.0	0.0%
7:30 AM	4	30.0	8.1	0.4	37.7	1.5	0.0%
7:30 AM	5	30.0	5.8	0.2	19.1	1.0	0.0%
7:30 AM	6	30.0	4.1	0.2	22.7	1.0	0.0%
7:30 AM	7	30.0	5.1	0.3	18.9	1.0	0.0%
7:30 AM	8	30.0	11.9	0.5	47.7	2.0	0.0%
7:30 AM	9	30.0	4.9	0.2	37.7	1.5	0.0%
7:30 AM	10	30.0	5.9	0.3	34.1	1.5	0.0%
7:45 AM	1	30.0	5.1	0.2	24.3	1.0	0.0%
7:45 AM	2	30.0	7.8	0.3	41.1	1.5	0.0%
7:45 AM	3	30.0	7.1	0.4	33.1	1.5	0.0%
7:45 AM	4	30.0	8.1	0.4	32.3	1.5	0.0%
7:45 AM	5	30.0	8.8	0.4	44.0	1.5	0.0%
7:45 AM	6	30.0	6.2	0.3	27.5	1.0	0.0%
7:45 AM	7	30.0	3.8	0.2	16.4	1.0	0.0%
7:45 AM	8	30.0	3.8	0.2	18.4	1.0	0.0%
7:45 AM	9	30.0	5.5	0.2	21.6	1.0	0.0%
7:45 AM	10	30.0	5.6	0.2	27.7	1.0	0.0%
8:00 AM	1	29.0	6.7	0.3	41.4	1.6	0.0%
8:00 AM	2	29.0	5.2	0.3	28.2	1.6	0.0%
8:00 AM	3	29.0	4.8	0.2	20.9	1.0	0.0%
8:00 AM	4	29.0	3.5	0.2	18.5	1.0	0.0%
8:00 AM	5	29.0	4.3	0.2	26.2	1.0	0.0%
8:00 AM	6	29.0	7.9	0.4	31.6	1.0	0.0%
8:00 AM	7	29.0	9.1	0.4	37.8	1.0	0.0%
8:00 AM	8	29.0	5.0	0.2	22.2	1.0	0.0%
8:00 AM	9	29.0	8.9	0.3	59.7	1.6	0.0%
8:00 AM	10	29.0	5.2	0.3	16.7	1.0	0.0%
7:15 AM	Avg	30.0	5.4	0.3	29.0	1.2	0.0%
7:30 AM	Avg	30.0	7.1	0.3	34.2	1.4	0.0%
7:45 AM	Avg	30.0	6.2	0.3	28.6	1.2	0.0%
8:00 AM	Avg	29.0	6.1	0.3	30.3	1.2	0.0%

WB T on LAKE AVE NW - Lane ID 274815

7:15 AM	1	30.0	5.4	0.3	34.3	1.5	0.0%
7:15 AM	2	30.0	4.9	0.2	38.4	1.5	0.0%
7:15 AM	3	30.0	7.7	0.3	48.2	2.0	0.0%
7:15 AM	4	30.0	3.8	0.2	25.6	1.0	0.0%
7:15 AM	5	30.0	5.3	0.2	19.8	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	8.9	0.4	46.0	1.5	0.0%
7:15 AM	7	30.0	11.0	0.5	66.1	2.5	0.0%
7:15 AM	8	30.0	8.4	0.4	49.6	2.0	0.0%
7:15 AM	9	30.0	4.8	0.3	19.8	1.0	0.0%
7:15 AM	10	30.0	8.9	0.2	72.1	1.5	0.0%
7:30 AM	1	30.0	9.4	0.4	53.4	2.0	0.0%
7:30 AM	2	30.0	4.2	0.2	21.0	1.0	0.0%
7:30 AM	3	30.0	2.0	0.1	9.7	0.5	0.0%
7:30 AM	4	30.0	1.6	0.1	10.1	0.5	0.0%
7:30 AM	5	30.0	4.1	0.2	17.8	1.0	0.0%
7:30 AM	6	30.0	6.1	0.3	49.5	2.0	0.0%
7:30 AM	7	30.0	3.7	0.2	22.2	1.0	0.0%
7:30 AM	8	30.0	6.6	0.3	28.4	1.0	0.0%
7:30 AM	9	30.0	7.6	0.3	49.3	2.0	0.0%
7:30 AM	10	30.0	7.7	0.3	48.2	2.1	0.0%
7:45 AM	1	30.0	9.0	0.3	47.2	1.5	0.0%
7:45 AM	2	30.0	7.6	0.3	48.5	2.1	0.0%
7:45 AM	3	30.0	7.5	0.4	37.4	1.5	0.0%
7:45 AM	4	30.0	5.2	0.3	30.9	1.5	0.0%
7:45 AM	5	30.0	8.4	0.3	59.8	2.5	0.0%
7:45 AM	6	30.0	5.8	0.2	41.6	1.0	0.0%
7:45 AM	7	30.0	3.6	0.2	19.3	1.0	0.0%
7:45 AM	8	30.0	5.9	0.3	33.2	1.5	0.0%
7:45 AM	9	30.0	5.5	0.2	36.3	1.5	0.0%
7:45 AM	10	30.0	6.6	0.2	54.9	2.1	0.0%
8:00 AM	1	29.0	2.0	0.1	18.2	1.0	0.0%
8:00 AM	2	29.0	7.4	0.3	49.5	2.2	0.0%
8:00 AM	3	29.0	2.6	0.1	19.5	1.0	0.0%
8:00 AM	4	29.0	4.3	0.2	39.6	1.6	0.0%
8:00 AM	5	29.0	1.8	0.1	17.0	1.0	0.0%
8:00 AM	6	29.0	6.5	0.3	40.9	1.6	0.0%
8:00 AM	7	29.0	2.9	0.1	23.1	1.0	0.0%
8:00 AM	8	29.0	7.0	0.2	14.4	1.0	0.0%
8:00 AM	9	29.0	8.2	0.2	45.3	1.0	0.0%
8:00 AM	10	29.0	14.1	0.4	104.2	2.6	0.0%
7:15 AM	Avg	30.0	6.9	0.3	42.0	1.6	0.0%
7:30 AM	Avg	30.0	5.3	0.2	31.0	1.3	0.0%
7:45 AM	Avg	30.0	6.5	0.3	40.9	1.6	0.0%
8:00 AM	Avg	29.0	5.7	0.2	37.2	1.4	0.0%

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	14.1	5.6	5.0	24.3	10
7:30 AM	17.8	6.4	8.8	26.6	10
7:45 AM	15.6	6.5	6.9	26.8	10
8:00 AM	21.8	7.6	11.1	32.8	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	7.0	2.3	3.8	10.1	10
7:30 AM	5.8	2.1	2.1	9.4	10
7:45 AM	5.7	2.8	2.9	11.0	10
8:00 AM	5.2	2.2	1.7	9.4	10
SB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	6.9	4.0	0.6	14.4	10
7:30 AM	5.8	2.1	3.7	10.9	10
7:45 AM	5.8	1.3	4.0	8.3	10
8:00 AM	5.0	2.6	1.7	9.8	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	10.5	3.8	5.3	16.1	10
7:30 AM	9.9	4.1	4.5	15.4	10
7:45 AM	12.9	5.0	5.6	20.3	10
8:00 AM	10.7	2.7	6.7	16.1	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	65.0	44.6	25.5	186.1	10
7:30 AM	62.7	31.0	37.0	141.6	10
7:45 AM	53.6	17.8	20.1	84.4	10
8:00 AM	68.8	21.9	33.0	120.1	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	3.5	1.9	1.4	7.8	10
7:30 AM	3.7	1.9	1.8	6.7	10
7:45 AM	4.2	1.7	1.7	6.6	10
8:00 AM	3.8	1.4	2.2	6.3	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	8.4	3.2	4.8	14.3	10
7:30 AM	9.6	3.2	4.3	13.9	10
7:45 AM	10.1	3.0	6.7	14.3	10
8:00 AM	9.4	4.2	3.2	14.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	8.2	3.2	3.7	15.1	10
7:30 AM	9.3	2.4	5.3	13.6	10
7:45 AM	7.7	2.0	4.1	10.6	10
8:00 AM	11.1	3.5	5.6	16.3	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	5.4	2.5	1.3	9.1	10
7:30 AM	7.1	2.4	4.1	11.9	10
7:45 AM	6.2	1.7	3.8	8.8	10
8:00 AM	6.1	2.0	3.5	9.1	10
WB T on LAKE AVE NW - Lane ID 274815					
7:15 AM	6.9	2.4	3.8	11.0	10
7:30 AM	5.3	2.6	1.6	9.4	10
7:45 AM	6.5	1.6	3.6	9.0	10
8:00 AM	5.7	3.8	1.8	14.1	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.6	0.2	0.2	1.0	10
7:30 AM	0.7	0.3	0.3	1.0	10
7:45 AM	0.6	0.3	0.3	1.0	10
8:00 AM	0.8	0.3	0.4	1.2	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.2	0.1	0.1	0.4	10
SB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.3	0.2	0.0	0.6	10
7:30 AM	0.3	0.1	0.2	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.2	0.1	0.1	0.4	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.4	0.2	0.2	0.6	10
7:30 AM	0.4	0.2	0.2	0.6	10
7:45 AM	0.5	0.2	0.3	0.7	10
8:00 AM	0.4	0.1	0.3	0.6	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	2.4	1.5	1.0	6.5	10
7:30 AM	2.3	1.1	1.4	5.1	10
7:45 AM	2.0	0.6	0.9	3.2	10
8:00 AM	2.6	0.7	1.4	4.3	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.3	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.4	0.1	0.2	0.6	10
7:30 AM	0.4	0.1	0.2	0.6	10
7:45 AM	0.4	0.1	0.3	0.5	10
8:00 AM	0.4	0.2	0.2	0.7	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.4	0.1	0.2	0.6	10
7:30 AM	0.4	0.1	0.2	0.6	10
7:45 AM	0.4	0.1	0.2	0.5	10
8:00 AM	0.5	0.1	0.3	0.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.3	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.1	0.2	0.4	10
WB T on LAKE AVE NW - Lane ID 274815					
7:15 AM	0.3	0.1	0.2	0.5	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.2	0.1	0.1	0.4	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	70.4	23.0	38.2	114.2	10
7:30 AM	100.4	27.5	49.2	136.1	10
7:45 AM	78.8	21.6	41.6	109.0	10
8:00 AM	102.2	35.5	44.3	156.9	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	33.5	12.4	18.0	57.1	10
7:30 AM	28.5	9.7	15.5	50.4	10
7:45 AM	27.6	12.6	17.6	50.2	10
8:00 AM	26.8	14.3	14.9	61.0	10
SB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	40.2	24.7	0.0	89.2	10
7:30 AM	30.9	7.8	20.8	41.7	10
7:45 AM	29.1	6.7	20.6	38.3	10
8:00 AM	27.9	13.5	10.4	52.9	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	50.0	15.7	28.0	76.9	10
7:30 AM	50.2	24.0	21.6	102.8	10
7:45 AM	59.1	18.2	32.8	88.6	10
8:00 AM	48.7	10.7	36.5	68.9	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	193.0	105.8	89.1	460.6	10
7:30 AM	198.8	92.5	129.3	440.9	10
7:45 AM	167.6	62.7	69.6	278.1	10
8:00 AM	205.7	40.7	139.7	278.2	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	18.2	4.7	8.8	26.9	10
7:30 AM	21.9	10.2	15.4	49.0	10
7:45 AM	23.5	8.4	15.6	40.6	10
8:00 AM	20.3	6.8	11.5	37.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	40.0	7.9	30.6	56.7	10
7:30 AM	46.3	11.7	23.4	64.6	10
7:45 AM	44.0	10.0	28.2	59.5	10
8:00 AM	46.8	20.4	18.4	93.3	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	41.1	15.9	17.5	67.0	10
7:30 AM	47.3	12.3	28.4	63.8	10
7:45 AM	35.2	12.9	16.4	54.7	10
8:00 AM	56.4	24.5	25.1	94.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	29.0	13.5	9.9	47.7	10
7:30 AM	34.2	11.4	18.9	52.1	10
7:45 AM	28.6	9.1	16.4	44.0	10
8:00 AM	30.3	13.1	16.7	59.7	10
WB T on LAKE AVE NW - Lane ID 274815					
7:15 AM	42.0	18.0	19.8	72.1	10
7:30 AM	31.0	17.4	9.7	53.4	10
7:45 AM	40.9	12.1	19.3	59.8	10
8:00 AM	37.2	26.9	14.4	104.2	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	2.7	0.9	1.0	4.0	10
7:30 AM	3.4	1.0	1.5	4.5	10
7:45 AM	2.9	0.7	1.5	3.5	10
8:00 AM	3.6	1.1	2.0	5.6	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	1.4	0.4	1.0	2.0	10
7:30 AM	1.3	0.4	1.0	2.1	10
7:45 AM	1.3	0.4	1.0	2.0	10
8:00 AM	1.2	0.5	1.0	2.6	10
SB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	1.5	1.0	0.0	3.5	10
7:30 AM	1.3	0.3	1.0	2.0	10
7:45 AM	1.2	0.3	1.0	1.5	10
8:00 AM	1.3	0.5	0.6	2.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	1.8	0.6	1.0	2.5	10
7:30 AM	1.9	0.6	1.0	2.5	10
7:45 AM	2.0	0.4	1.5	3.0	10
8:00 AM	1.8	0.4	1.0	2.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	7.1	3.9	3.0	17.0	10
7:30 AM	7.0	2.9	5.0	14.5	10
7:45 AM	5.8	2.2	2.5	9.5	10
8:00 AM	7.3	1.6	5.0	10.2	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	1.0	0.2	0.5	1.0	10
7:30 AM	1.1	0.2	1.0	1.5	10
7:45 AM	1.1	0.2	1.0	1.5	10
8:00 AM	1.1	0.2	1.0	1.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	1.6	0.3	1.0	2.0	10
7:30 AM	1.9	0.4	1.0	2.5	10
7:45 AM	1.7	0.4	1.0	2.0	10
8:00 AM	1.7	0.6	1.0	2.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	1.5	0.3	1.0	2.0	10
7:30 AM	1.9	0.6	1.0	2.5	10
7:45 AM	1.5	0.4	1.0	2.0	10
8:00 AM	2.1	0.8	1.0	3.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	1.2	0.4	0.5	2.0	10
7:30 AM	1.4	0.4	1.0	2.0	10
7:45 AM	1.2	0.3	1.0	1.5	10
8:00 AM	1.2	0.3	1.0	1.6	10
WB T on LAKE AVE NW - Lane ID 274815					
7:15 AM	1.6	0.5	1.0	2.5	10
7:30 AM	1.3	0.6	0.5	2.1	10
7:45 AM	1.6	0.5	1.0	2.5	10
8:00 AM	1.4	0.6	1.0	2.6	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274815					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project:	Alt 2a_SR-21 & Lake Ave_RABx2
Scenario:	2048 PM Peak Hour
Run(s):	Batch (10 runs)
Simulated:	Various
Time:	16:30:00 - 17:30:00
Interval:	15 min
Selection:	print

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
4:30 PM	1	201.0	1.50	27.2	D
4:30 PM	2	197.0	1.50	26.7	D
4:30 PM	3	200.0	1.50	27.8	D
4:30 PM	4	197.0	1.50	27.1	D
4:30 PM	5	202.0	1.40	25.5	D
4:30 PM	6	201.0	1.50	27.6	D
4:30 PM	7	199.0	1.50	27.9	D
4:30 PM	8	196.0	1.50	27.7	D
4:30 PM	9	199.0	1.50	26.8	D
4:30 PM	10	191.0	1.50	27.8	D
4:45 PM	1	209.0	1.50	25.9	D
4:45 PM	2	202.0	1.60	27.7	D
4:45 PM	3	203.0	1.50	26.6	D
4:45 PM	4	201.0	1.50	26.2	D
4:45 PM	5	201.0	1.60	27.8	D
4:45 PM	6	199.0	1.40	26.2	D
4:45 PM	7	204.0	1.50	26.9	D
4:45 PM	8	199.0	1.50	26.4	D
4:45 PM	9	199.0	1.50	26.7	D
4:45 PM	10	203.0	1.50	27.4	D
5:00 PM	1	200.0	1.50	26.8	D
5:00 PM	2	204.0	1.40	25.5	D
5:00 PM	3	209.0	1.50	25.9	D
5:00 PM	4	202.0	1.60	27.6	D
5:00 PM	5	204.0	1.50	26.0	D
5:00 PM	6	204.0	1.50	26.3	D
5:00 PM	7	190.0	1.50	27.5	D
5:00 PM	8	201.0	1.60	28.2	D
5:00 PM	9	207.0	1.50	25.8	D
5:00 PM	10	196.0	1.60	28.5	D
5:15 PM	1	195.0	1.40	25.8	D
5:15 PM	2	203.0	1.50	26.2	D
5:15 PM	3	200.0	1.50	27.3	D
5:15 PM	4	197.0	1.40	26.3	D
5:15 PM	5	195.0	1.50	27.8	D
5:15 PM	6	195.0	1.50	28.0	D
5:15 PM	7	199.0	1.50	27.1	D
5:15 PM	8	203.0	1.50	26.8	D
5:15 PM	9	201.0	1.40	24.6	C
5:15 PM	10	201.0	1.50	27.4	D
4:30 PM	Avg	198.3	1.49	27.2	D
4:45 PM	Avg	202.0	1.51	26.8	D
5:00 PM	Avg	201.7	1.52	26.8	D

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	Avg	198.9	1.47	26.7	D
NB T on [Unnamed Street]: Lane ID 274791					
4:30 PM	1	71.0	0.30	13.4	B
4:30 PM	2	72.0	0.40	20.4	C
4:30 PM	3	70.0	0.40	19.4	C
4:30 PM	4	73.0	0.30	13.8	B
4:30 PM	5	69.0	0.40	18.8	C
4:30 PM	6	69.0	0.30	14.1	B
4:30 PM	7	72.0	0.30	14.2	B
4:30 PM	8	74.0	0.30	14.3	B
4:30 PM	9	72.0	0.30	14.6	B
4:30 PM	10	72.0	0.30	14.2	B
4:45 PM	1	72.0	0.30	13.5	B
4:45 PM	2	73.0	0.30	16.8	C
4:45 PM	3	74.0	0.30	14.9	B
4:45 PM	4	74.0	0.30	16.8	C
4:45 PM	5	76.0	0.40	16.7	C
4:45 PM	6	75.0	0.30	13.3	B
4:45 PM	7	70.0	0.20	12.5	B
4:45 PM	8	71.0	0.30	17.4	C
4:45 PM	9	73.0	0.30	14.7	B
4:45 PM	10	74.0	0.30	14.1	B
5:00 PM	1	75.0	0.30	15.7	C
5:00 PM	2	72.0	0.40	19.2	C
5:00 PM	3	71.0	0.30	16.0	C
5:00 PM	4	70.0	0.30	13.4	B
5:00 PM	5	70.0	0.30	15.6	C
5:00 PM	6	70.0	0.30	17.1	C
5:00 PM	7	76.0	0.40	16.8	C
5:00 PM	8	72.0	0.30	12.5	B
5:00 PM	9	71.0	0.30	16.6	C
5:00 PM	10	71.0	0.30	14.7	B
5:15 PM	1	71.0	0.30	15.2	C
5:15 PM	2	72.0	0.30	15.0	C
5:15 PM	3	73.0	0.30	13.9	B
5:15 PM	4	74.0	0.30	14.1	B
5:15 PM	5	74.0	0.30	16.0	C
5:15 PM	6	73.0	0.30	14.2	B
5:15 PM	7	73.0	0.30	15.3	C
5:15 PM	8	73.0	0.30	14.6	B
5:15 PM	9	74.0	0.30	14.4	B
5:15 PM	10	71.0	0.30	13.7	B

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:30 PM	Avg	71.4	0.33	15.7	C
4:45 PM	Avg	73.2	0.30	15.1	C
5:00 PM	Avg	71.8	0.32	15.8	C
5:15 PM	Avg	72.8	0.30	14.6	B
SB T on [Unnamed Street]: Lane ID 274793					
4:30 PM	1	98.0	0.20	8.6	A
4:30 PM	2	102.0	0.20	8.8	A
4:30 PM	3	99.0	0.30	9.4	A
4:30 PM	4	102.0	0.30	11.4	B
4:30 PM	5	101.0	0.40	15.7	C
4:30 PM	6	100.0	0.30	9.0	A
4:30 PM	7	99.0	0.30	9.7	A
4:30 PM	8	100.0	0.20	8.7	A
4:30 PM	9	102.0	0.20	8.7	A
4:30 PM	10	99.0	0.20	7.7	A
4:45 PM	1	98.0	0.30	9.9	A
4:45 PM	2	100.0	0.30	9.0	A
4:45 PM	3	102.0	0.30	9.3	A
4:45 PM	4	100.0	0.20	8.1	A
4:45 PM	5	101.0	0.20	8.5	A
4:45 PM	6	99.0	0.20	8.2	A
4:45 PM	7	100.0	0.30	10.5	B
4:45 PM	8	102.0	0.30	9.9	A
4:45 PM	9	99.0	0.30	9.3	A
4:45 PM	10	102.0	0.30	12.3	B
5:00 PM	1	102.0	0.30	8.8	A
5:00 PM	2	100.0	0.30	12.4	B
5:00 PM	3	101.0	0.30	9.8	A
5:00 PM	4	100.0	0.20	7.8	A
5:00 PM	5	99.0	0.20	9.1	A
5:00 PM	6	99.0	0.20	8.1	A
5:00 PM	7	101.0	0.30	10.4	B
5:00 PM	8	99.0	0.20	7.7	A
5:00 PM	9	99.0	0.20	8.1	A
5:00 PM	10	98.0	0.20	8.8	A
5:15 PM	1	99.0	0.20	8.2	A
5:15 PM	2	99.0	0.20	8.6	A
5:15 PM	3	99.0	0.20	8.9	A
5:15 PM	4	100.0	0.20	8.6	A
5:15 PM	5	100.0	0.20	8.7	A
5:15 PM	6	102.0	0.20	8.0	A
5:15 PM	7	101.0	0.20	8.7	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	8	98.0	0.20	9.1	A
5:15 PM	9	100.0	0.30	10.7	B
5:15 PM	10	101.0	0.30	9.0	A
4:30 PM	Avg	100.2	0.26	9.8	A
4:45 PM	Avg	100.3	0.27	9.5	A
5:00 PM	Avg	99.8	0.24	9.1	A
5:15 PM	Avg	99.9	0.22	8.8	A
WB T on [Unnamed Street]: Lane ID 274785					
4:30 PM	1	147.0	0.30	7.5	A
4:30 PM	2	146.0	0.30	7.7	A
4:30 PM	3	146.0	0.30	6.8	A
4:30 PM	4	145.0	0.20	5.9	A
4:30 PM	5	148.0	0.60	15.8	C
4:30 PM	6	145.0	0.40	8.7	A
4:30 PM	7	148.0	0.30	7.8	A
4:30 PM	8	148.0	0.30	7.5	A
4:30 PM	9	148.0	0.40	10.8	B
4:30 PM	10	150.0	0.40	9.3	A
4:45 PM	1	149.0	0.40	9.1	A
4:45 PM	2	148.0	0.40	9.7	A
4:45 PM	3	148.0	0.40	9.0	A
4:45 PM	4	149.0	0.30	8.4	A
4:45 PM	5	148.0	0.30	8.0	A
4:45 PM	6	148.0	0.40	9.6	A
4:45 PM	7	146.0	0.30	8.2	A
4:45 PM	8	148.0	0.40	9.8	A
4:45 PM	9	148.0	0.30	8.5	A
4:45 PM	10	146.0	0.40	10.7	B
5:00 PM	1	148.0	0.30	8.2	A
5:00 PM	2	149.0	0.30	7.6	A
5:00 PM	3	149.0	0.40	8.5	A
5:00 PM	4	148.0	0.30	8.2	A
5:00 PM	5	147.0	0.40	9.9	A
5:00 PM	6	151.0	0.30	8.3	A
5:00 PM	7	150.0	0.60	15.4	C
5:00 PM	8	149.0	0.30	7.9	A
5:00 PM	9	150.0	0.40	9.6	A
5:00 PM	10	149.0	0.40	9.3	A
5:15 PM	1	148.0	0.60	14.5	B
5:15 PM	2	146.0	0.30	7.9	A
5:15 PM	3	146.0	0.40	9.2	A
5:15 PM	4	145.0	0.30	8.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	5	147.0	0.40	10.3	B
5:15 PM	6	149.0	0.40	8.6	A
5:15 PM	7	144.0	0.40	10.1	B
5:15 PM	8	149.0	0.30	7.9	A
5:15 PM	9	145.0	0.30	7.9	A
5:15 PM	10	147.0	0.40	10.8	B
4:30 PM	Avg	147.1	0.35	8.8	A
4:45 PM	Avg	147.8	0.36	9.1	A
5:00 PM	Avg	149.0	0.37	9.3	A
5:15 PM	Avg	146.6	0.38	9.5	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
4:30 PM	1	94.0	0.40	15.9	C
4:30 PM	2	101.0	0.60	21.2	C
4:30 PM	3	96.0	0.60	21.4	C
4:30 PM	4	97.0	0.60	22.6	C
4:30 PM	5	98.0	0.40	16.3	C
4:30 PM	6	94.0	0.50	19.8	C
4:30 PM	7	95.0	0.30	10.7	B
4:30 PM	8	98.0	0.50	17.5	C
4:30 PM	9	97.0	0.40	14.1	B
4:30 PM	10	99.0	0.70	25.8	D
4:45 PM	1	98.0	0.50	18.3	C
4:45 PM	2	98.0	0.50	19.6	C
4:45 PM	3	100.0	0.60	20.0	C
4:45 PM	4	100.0	0.30	10.8	B
4:45 PM	5	99.0	0.40	15.1	C
4:45 PM	6	98.0	0.40	16.5	C
4:45 PM	7	100.0	0.40	14.5	B
4:45 PM	8	96.0	0.50	17.2	C
4:45 PM	9	100.0	0.50	17.3	C
4:45 PM	10	95.0	0.30	11.7	B
5:00 PM	1	99.0	0.50	16.7	C
5:00 PM	2	101.0	0.50	19.2	C
5:00 PM	3	95.0	0.40	15.2	C
5:00 PM	4	96.0	0.40	13.6	B
5:00 PM	5	99.0	0.40	15.2	C
5:00 PM	6	101.0	0.60	22.9	C
5:00 PM	7	98.0	0.40	15.5	C
5:00 PM	8	99.0	0.70	25.5	D
5:00 PM	9	97.0	0.40	15.5	C
5:00 PM	10	99.0	0.80	29.9	D
5:15 PM	1	96.0	0.50	20.3	C
5:15 PM	2	98.0	0.40	14.0	B
5:15 PM	3	97.0	0.60	21.6	C
5:15 PM	4	97.0	0.80	30.8	D
5:15 PM	5	98.0	0.50	17.6	C
5:15 PM	6	94.0	0.60	21.1	C
5:15 PM	7	96.0	0.40	15.1	C
5:15 PM	8	96.0	0.60	22.0	C
5:15 PM	9	98.0	0.50	18.3	C
5:15 PM	10	95.0	0.40	16.4	C
4:30 PM	Avg	96.9	0.50	18.5	C
4:45 PM	Avg	98.4	0.44	16.1	C
5:00 PM	Avg	98.4	0.51	18.9	C

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	Avg	96.5	0.53	19.7	C
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
4:30 PM	1	116.0	0.80	24.5	C
4:30 PM	2	101.0	2.20	79.7	F
4:30 PM	3	104.0	0.90	29.6	D
4:30 PM	4	104.0	0.60	20.4	C
4:30 PM	5	111.0	0.80	24.4	C
4:30 PM	6	109.0	0.50	16.5	C
4:30 PM	7	110.0	0.80	25.5	D
4:30 PM	8	111.0	0.60	18.6	C
4:30 PM	9	112.0	0.60	19.0	C
4:30 PM	10	108.0	0.80	26.5	D
4:45 PM	1	102.0	1.90	65.4	F
4:45 PM	2	106.0	6.20	210.2	F
4:45 PM	3	116.0	1.10	35.0	D
4:45 PM	4	113.0	2.70	86.7	F
4:45 PM	5	113.0	1.10	34.2	D
4:45 PM	6	110.0	0.70	21.7	C
4:45 PM	7	95.0	3.30	124.9	F
4:45 PM	8	110.0	1.30	41.2	E
4:45 PM	9	107.0	2.90	97.4	F
4:45 PM	10	121.0	1.30	37.3	E
5:00 PM	1	99.0	6.40	232.7	F
5:00 PM	2	89.0	8.90	360.6	F
5:00 PM	3	120.0	1.30	37.8	E
5:00 PM	4	99.0	5.00	181.4	F
5:00 PM	5	108.0	3.20	107.4	F
5:00 PM	6	117.0	2.00	61.1	F
5:00 PM	7	86.0	8.30	349.3	F
5:00 PM	8	92.0	4.20	165.3	F
5:00 PM	9	90.0	6.90	276.3	F
5:00 PM	10	97.0	3.20	120.1	F
5:15 PM	1	102.0	11.20	394.0	F
5:15 PM	2	91.0	11.60	460.7	F
5:15 PM	3	76.0	5.00	238.1	F
5:15 PM	4	90.0	9.40	377.9	F
5:15 PM	5	88.0	7.30	297.4	F
5:15 PM	6	94.0	5.20	200.6	F
5:15 PM	7	86.0	11.80	492.5	F
5:15 PM	8	95.0	9.50	360.8	F
5:15 PM	9	71.0	8.20	417.1	F
5:15 PM	10	84.0	9.50	406.5	F

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:30 PM	Avg	108.6	0.86	28.5	D
4:45 PM	Avg	109.3	2.25	75.4	F
5:00 PM	Avg	99.7	4.94	189.2	F
5:15 PM	Avg	87.7	8.87	364.6	F
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
4:30 PM	1	81.0	4.30	192.7	F
4:30 PM	2	68.0	5.40	287.1	F
4:30 PM	3	83.0	2.80	122.4	F
4:30 PM	4	83.0	2.00	86.1	F
4:30 PM	5	88.0	2.60	107.2	F
4:30 PM	6	88.0	1.70	69.2	F
4:30 PM	7	77.0	3.90	184.6	F
4:30 PM	8	84.0	2.30	97.5	F
4:30 PM	9	82.0	3.50	155.4	F
4:30 PM	10	73.0	2.30	114.8	F
4:45 PM	1	81.0	6.70	296.7	F
4:45 PM	2	80.0	9.10	408.5	F
4:45 PM	3	85.0	5.60	236.5	F
4:45 PM	4	77.0	6.20	290.9	F
4:45 PM	5	77.0	5.20	244.1	F
4:45 PM	6	83.0	4.20	183.1	F
4:45 PM	7	80.0	7.30	328.7	F
4:45 PM	8	77.0	5.40	250.5	F
4:45 PM	9	71.0	6.20	315.2	F
4:45 PM	10	83.0	6.10	266.7	F
5:00 PM	1	72.0	7.40	371.9	F
5:00 PM	2	74.0	10.60	515.3	F
5:00 PM	3	82.0	6.40	282.3	F
5:00 PM	4	73.0	7.80	385.8	F
5:00 PM	5	75.0	7.70	369.1	F
5:00 PM	6	78.0	6.50	302.2	F
5:00 PM	7	74.0	9.70	471.1	F
5:00 PM	8	69.0	7.80	405.2	F
5:00 PM	9	87.0	10.40	430.1	F
5:00 PM	10	65.0	6.80	378.9	F
5:15 PM	1	74.0	11.60	566.7	F
5:15 PM	2	95.0	16.30	617.3	F
5:15 PM	3	75.0	8.10	389.7	F
5:15 PM	4	81.0	11.10	492.2	F
5:15 PM	5	67.0	9.40	507.1	F
5:15 PM	6	69.0	8.00	417.0	F
5:15 PM	7	87.0	15.30	633.0	F

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	8	86.0	12.20	508.8	F
5:15 PM	9	95.0	14.10	534.1	F
5:15 PM	10	78.0	12.50	577.0	F
4:30 PM	Avg	80.7	3.08	141.7	F
4:45 PM	Avg	79.4	6.20	282.1	F
5:00 PM	Avg	74.9	8.11	391.2	F
5:15 PM	Avg	80.7	11.86	524.3	F
SEB T on GREAT LAKES BLVD NW: Lane ID 274806					
4:30 PM	1	79.0	0.30	12.8	B
4:30 PM	2	79.0	0.40	16.9	C
4:30 PM	3	84.0	0.40	16.5	C
4:30 PM	4	72.0	0.40	17.7	C
4:30 PM	5	74.0	0.40	19.8	C
4:30 PM	6	80.0	0.30	12.7	B
4:30 PM	7	75.0	0.30	16.3	C
4:30 PM	8	75.0	0.30	14.7	B
4:30 PM	9	71.0	0.30	15.9	C
4:30 PM	10	75.0	0.30	13.0	B
4:45 PM	1	73.0	0.40	18.1	C
4:45 PM	2	73.0	0.30	16.7	C
4:45 PM	3	77.0	0.40	16.7	C
4:45 PM	4	77.0	0.40	18.9	C
4:45 PM	5	79.0	0.40	17.8	C
4:45 PM	6	73.0	0.30	13.3	B
4:45 PM	7	74.0	0.30	15.3	C
4:45 PM	8	82.0	0.30	14.0	B
4:45 PM	9	68.0	0.30	17.8	C
4:45 PM	10	73.0	0.30	16.1	C
5:00 PM	1	76.0	0.30	16.5	C
5:00 PM	2	72.0	0.40	19.8	C
5:00 PM	3	78.0	0.30	14.0	B
5:00 PM	4	73.0	0.40	18.2	C
5:00 PM	5	75.0	0.30	14.5	B
5:00 PM	6	75.0	0.40	17.1	C
5:00 PM	7	71.0	0.30	16.2	C
5:00 PM	8	75.0	0.40	18.0	C
5:00 PM	9	73.0	0.30	16.0	C
5:00 PM	10	75.0	0.40	17.4	C
5:15 PM	1	69.0	0.40	18.3	C
5:15 PM	2	71.0	0.40	18.3	C
5:15 PM	3	72.0	0.40	17.7	C
5:15 PM	4	76.0	0.40	16.8	C

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	5	74.0	0.30	15.4	C
5:15 PM	6	69.0	0.30	16.8	C
5:15 PM	7	78.0	0.50	22.5	C
5:15 PM	8	75.0	0.40	17.1	C
5:15 PM	9	73.0	0.40	20.8	C
5:15 PM	10	74.0	0.30	13.5	B
4:30 PM	Avg	76.4	0.34	15.6	C
4:45 PM	Avg	74.9	0.34	16.5	C
5:00 PM	Avg	74.3	0.35	16.8	C
5:15 PM	Avg	73.1	0.38	17.7	C
SEB T on GREAT LAKES BLVD NW: Lane ID 274807					
4:30 PM	1	59.0	0.20	12.8	B
4:30 PM	2	61.0	0.30	16.0	C
4:30 PM	3	55.0	0.20	15.8	C
4:30 PM	4	65.0	0.30	15.5	C
4:30 PM	5	67.0	0.30	17.3	C
4:30 PM	6	62.0	0.20	13.6	B
4:30 PM	7	64.0	0.30	14.2	B
4:30 PM	8	59.0	0.20	14.8	B
4:30 PM	9	69.0	0.20	11.9	B
4:30 PM	10	63.0	0.20	13.7	B
4:45 PM	1	62.0	0.30	15.6	C
4:45 PM	2	61.0	0.20	13.5	B
4:45 PM	3	59.0	0.20	14.1	B
4:45 PM	4	65.0	0.30	16.9	C
4:45 PM	5	59.0	0.30	15.6	C
4:45 PM	6	62.0	0.20	13.2	B
4:45 PM	7	63.0	0.20	13.3	B
4:45 PM	8	58.0	0.30	17.5	C
4:45 PM	9	64.0	0.30	15.1	C
4:45 PM	10	64.0	0.20	13.6	B
5:00 PM	1	64.0	0.30	16.4	C
5:00 PM	2	66.0	0.30	17.9	C
5:00 PM	3	62.0	0.20	13.1	B
5:00 PM	4	65.0	0.30	18.5	C
5:00 PM	5	61.0	0.30	16.6	C
5:00 PM	6	65.0	0.30	16.3	C
5:00 PM	7	65.0	0.30	15.1	C
5:00 PM	8	62.0	0.30	16.0	C
5:00 PM	9	64.0	0.30	14.5	B
5:00 PM	10	62.0	0.30	16.7	C
5:15 PM	1	70.0	0.30	15.1	C

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:15 PM	2	70.0	0.30	14.8	B
5:15 PM	3	63.0	0.20	13.1	B
5:15 PM	4	59.0	0.30	15.6	C
5:15 PM	5	61.0	0.20	14.1	B
5:15 PM	6	68.0	0.20	12.6	B
5:15 PM	7	63.0	0.30	16.6	C
5:15 PM	8	64.0	0.30	16.3	C
5:15 PM	9	66.0	0.30	14.2	B
5:15 PM	10	63.0	0.20	12.6	B
4:30 PM	Avg	62.4	0.24	14.6	B
4:45 PM	Avg	61.7	0.25	14.8	B
5:00 PM	Avg	63.6	0.29	16.1	C
5:15 PM	Avg	64.7	0.26	14.5	B

WB T on LAKE AVE NW: Lane ID 274815

4:30 PM	1	186.0	0.60	10.9	B
4:30 PM	2	188.0	0.50	10.1	B
4:30 PM	3	190.0	0.60	10.8	B
4:30 PM	4	190.0	0.60	12.0	B
4:30 PM	5	187.0	0.70	13.3	B
4:30 PM	6	179.0	0.40	7.9	A
4:30 PM	7	185.0	0.50	8.9	A
4:30 PM	8	188.0	0.60	11.5	B
4:30 PM	9	188.0	0.60	11.2	B
4:30 PM	10	185.0	0.50	10.3	B
4:45 PM	1	191.0	0.70	13.7	B
4:45 PM	2	188.0	0.60	11.4	B
4:45 PM	3	189.0	0.70	13.7	B
4:45 PM	4	188.0	0.40	8.0	A
4:45 PM	5	190.0	0.40	8.2	A
4:45 PM	6	191.0	0.60	11.7	B
4:45 PM	7	186.0	0.60	11.7	B
4:45 PM	8	191.0	0.50	9.9	A
4:45 PM	9	188.0	0.40	8.5	A
4:45 PM	10	186.0	0.80	14.9	B
5:00 PM	1	188.0	0.30	6.6	A
5:00 PM	2	190.0	0.50	8.5	A
5:00 PM	3	188.0	0.40	8.5	A
5:00 PM	4	190.0	0.40	8.2	A
5:00 PM	5	189.0	0.50	9.9	A
5:00 PM	6	189.0	0.60	12.2	B
5:00 PM	7	194.0	0.50	8.5	A
5:00 PM	8	187.0	0.40	7.4	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
5:00 PM	9	188.0	0.40	8.2	A
5:00 PM	10	192.0	0.40	7.7	A
5:15 PM	1	187.0	0.50	9.4	A
5:15 PM	2	189.0	0.50	9.2	A
5:15 PM	3	188.0	0.40	7.9	A
5:15 PM	4	187.0	0.40	8.0	A
5:15 PM	5	186.0	0.40	7.9	A
5:15 PM	6	187.0	0.40	7.9	A
5:15 PM	7	187.0	0.50	8.8	A
5:15 PM	8	187.0	0.40	8.6	A
5:15 PM	9	191.0	0.50	9.7	A
5:15 PM	10	183.0	0.30	5.8	A
4:30 PM	Avg	186.6	0.56	10.7	B
4:45 PM	Avg	188.8	0.57	11.2	B
5:00 PM	Avg	189.5	0.44	8.6	A
5:15 PM	Avg	187.2	0.43	8.3	A

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
4:30 PM	1.5	0.0	1.4	1.5	10
4:45 PM	1.5	0.1	1.4	1.6	10
5:00 PM	1.5	0.1	1.4	1.6	10
5:15 PM	1.5	0.0	1.4	1.5	10
NB T on [Unnamed Street]: Lane ID 274791					
4:30 PM	0.3	0.0	0.3	0.4	10
4:45 PM	0.3	0.0	0.2	0.4	10
5:00 PM	0.3	0.0	0.3	0.4	10
5:15 PM	0.3	0.0	0.3	0.3	10
SB T on [Unnamed Street]: Lane ID 274793					
4:30 PM	0.3	0.1	0.2	0.4	10
4:45 PM	0.3	0.0	0.2	0.3	10
5:00 PM	0.2	0.1	0.2	0.3	10
5:15 PM	0.2	0.0	0.2	0.3	10
WB T on [Unnamed Street]: Lane ID 274785					
4:30 PM	0.4	0.1	0.2	0.6	10
4:45 PM	0.4	0.1	0.3	0.4	10
5:00 PM	0.4	0.1	0.3	0.6	10
5:15 PM	0.4	0.1	0.3	0.6	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
4:30 PM	0.5	0.1	0.3	0.7	10
4:45 PM	0.4	0.1	0.3	0.6	10
5:00 PM	0.5	0.1	0.4	0.8	10
5:15 PM	0.5	0.1	0.4	0.8	10
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
4:30 PM	0.9	0.5	0.5	2.2	10
4:45 PM	2.3	1.6	0.7	6.2	10
5:00 PM	4.9	2.6	1.3	8.9	10
5:15 PM	8.9	2.4	5.0	11.8	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
4:30 PM	3.1	1.2	1.7	5.4	10
4:45 PM	6.2	1.3	4.2	9.1	10
5:00 PM	8.1	1.6	6.4	10.6	10
5:15 PM	11.9	2.8	8.0	16.3	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274806					
4:30 PM	0.3	0.1	0.3	0.4	10
4:45 PM	0.3	0.1	0.3	0.4	10
5:00 PM	0.4	0.1	0.3	0.4	10
5:15 PM	0.4	0.1	0.3	0.5	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274807					
4:30 PM	0.2	0.1	0.2	0.3	10
4:45 PM	0.3	0.1	0.2	0.3	10
5:00 PM	0.3	0.0	0.2	0.3	10
5:15 PM	0.3	0.1	0.2	0.3	10
WB T on LAKE AVE NW: Lane ID 274815					
4:30 PM	0.6	0.1	0.4	0.7	10
4:45 PM	0.6	0.1	0.4	0.8	10
5:00 PM	0.4	0.1	0.3	0.6	10
5:15 PM	0.4	0.1	0.3	0.5	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
4:30 PM	27.2	0.7	25.5	27.9	10
4:45 PM	26.8	0.7	25.9	27.8	10
5:00 PM	26.8	1.1	25.5	28.5	10
5:15 PM	26.7	1.0	24.6	28.0	10
NB T on [Unnamed Street]: Lane ID 274791					
4:30 PM	15.7	2.7	13.4	20.4	10
4:45 PM	15.1	1.7	12.5	17.4	10
5:00 PM	15.8	1.9	12.5	19.2	10
5:15 PM	14.6	0.7	13.7	16.0	10
SB T on [Unnamed Street]: Lane ID 274793					
4:30 PM	9.8	2.3	7.7	15.7	10
4:45 PM	9.5	1.3	8.1	12.3	10
5:00 PM	9.1	1.4	7.7	12.4	10
5:15 PM	8.8	0.7	8.0	10.7	10
WB T on [Unnamed Street]: Lane ID 274785					
4:30 PM	8.8	2.8	5.9	15.8	10
4:45 PM	9.1	0.9	8.0	10.7	10
5:00 PM	9.3	2.3	7.6	15.4	10
5:15 PM	9.5	2.1	7.9	14.5	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
4:30 PM	18.5	4.5	10.7	25.8	10
4:45 PM	16.1	3.1	10.8	20.0	10
5:00 PM	18.9	5.4	13.6	29.9	10
5:15 PM	19.7	4.8	14.0	30.8	10
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
4:30 PM	28.5	18.5	16.5	79.7	10
4:45 PM	75.4	57.9	21.7	210.2	10
5:00 PM	189.2	113.5	37.8	360.6	10
5:15 PM	364.6	93.4	200.6	492.5	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
4:30 PM	141.7	65.3	69.2	287.1	10
4:45 PM	282.1	61.6	183.1	408.5	10
5:00 PM	391.2	70.2	282.3	515.3	10
5:15 PM	524.3	79.1	389.7	633.0	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274806					
4:30 PM	15.6	2.3	12.7	19.8	10
4:45 PM	16.5	1.8	13.3	18.9	10
5:00 PM	16.8	1.7	14.0	19.8	10
5:15 PM	17.7	2.5	13.5	22.5	10
SEB T on GREAT LAKES BLVD NW: Lane ID 274807					
4:30 PM	14.6	1.6	11.9	17.3	10
4:45 PM	14.8	1.5	13.2	17.5	10
5:00 PM	16.1	1.6	13.1	18.5	10
5:15 PM	14.5	1.5	12.6	16.6	10
WB T on LAKE AVE NW: Lane ID 274815					
4:30 PM	10.7	1.5	7.9	13.3	10
4:45 PM	11.2	2.5	8.0	14.9	10
5:00 PM	8.6	1.5	6.6	12.2	10
5:15 PM	8.3	1.1	5.8	9.7	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 **NODE: 7**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
4:30 PM	1	30.0	59.7	2.0	232.2	7.5	13.3%
4:30 PM	2	30.0	67.4	2.3	240.6	8.0	10.0%
4:30 PM	3	30.0	85.2	2.9	240.5	8.0	23.3%
4:30 PM	4	30.0	71.5	2.4	243.2	8.0	16.7%
4:30 PM	5	30.0	73.2	2.6	240.4	9.0	20.0%
4:30 PM	6	30.0	78.7	2.8	244.6	8.0	13.3%
4:30 PM	7	30.0	83.1	2.9	241.6	9.0	26.7%
4:30 PM	8	30.0	92.4	3.2	236.2	8.0	33.3%
4:30 PM	9	30.0	70.8	2.5	238.1	8.0	20.0%
4:30 PM	10	30.0	120.6	4.0	252.2	9.0	33.3%
4:45 PM	1	30.0	78.2	2.7	240.7	9.0	20.0%
4:45 PM	2	30.0	63.2	2.2	231.6	8.0	13.3%
4:45 PM	3	30.0	96.3	3.4	244.3	8.0	26.7%
4:45 PM	4	30.0	105.9	3.7	252.7	8.5	26.7%
4:45 PM	5	30.0	71.2	2.5	239.9	8.5	23.3%
4:45 PM	6	30.0	72.8	2.4	223.3	7.5	16.7%
4:45 PM	7	30.0	80.7	2.8	232.2	8.5	16.7%
4:45 PM	8	30.0	114.4	3.9	248.3	9.0	26.7%
4:45 PM	9	30.0	94.7	3.3	243.3	9.0	16.7%
4:45 PM	10	30.0	87.8	3.1	229.1	8.5	16.7%
5:00 PM	1	30.0	70.6	2.6	239.2	9.0	16.7%
5:00 PM	2	30.0	73.2	2.5	247.1	8.5	20.0%
5:00 PM	3	30.0	118.2	4.1	242.6	8.5	26.7%
5:00 PM	4	30.0	50.7	1.7	228.5	8.0	10.0%
5:00 PM	5	30.0	86.6	3.1	240.2	8.5	20.0%
5:00 PM	6	30.0	42.4	1.4	182.4	6.0	3.3%
5:00 PM	7	30.0	97.9	3.3	243.9	8.0	16.7%
5:00 PM	8	30.0	83.9	2.9	244.2	8.0	23.3%
5:00 PM	9	30.0	99.3	3.5	242.4	8.5	23.3%
5:00 PM	10	30.0	94.5	3.3	237.5	8.0	26.7%
5:15 PM	1	29.0	80.4	2.7	252.3	9.0	20.7%
5:15 PM	2	29.0	56.4	2.1	237.7	8.6	13.8%
5:15 PM	3	29.0	98.0	3.4	243.6	9.0	27.6%
5:15 PM	4	29.0	84.0	3.0	227.5	8.0	10.3%
5:15 PM	5	29.0	112.8	3.9	247.5	9.0	24.1%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
5:15 PM	6	29.0	75.5	2.6	240.3	9.0	24.1%
5:15 PM	7	29.0	102.6	3.7	246.6	9.0	27.6%
5:15 PM	8	29.0	96.8	3.3	243.8	9.0	34.5%
5:15 PM	9	29.0	65.1	2.2	238.0	8.2	13.8%
5:15 PM	10	29.0	83.1	2.9	242.5	9.0	24.1%
4:30 PM	Avg	30.0	80.3	2.8	241.0	8.3	21.0%
4:45 PM	Avg	30.0	86.5	3.0	238.5	8.5	20.4%
5:00 PM	Avg	30.0	81.7	2.8	234.8	8.1	18.7%
5:15 PM	Avg	29.0	85.5	3.0	242.0	8.8	22.1%
NB T on [Unnamed Street] - Lane ID 274791							
4:30 PM	1	30.0	16.8	0.7	67.3	2.5	0.0%
4:30 PM	2	30.0	25.2	1.1	82.6	3.5	0.0%
4:30 PM	3	30.0	29.1	1.1	108.5	3.5	0.0%
4:30 PM	4	30.0	16.0	0.7	44.5	2.0	0.0%
4:30 PM	5	30.0	30.9	1.2	101.7	4.0	0.0%
4:30 PM	6	30.0	15.6	0.7	70.3	2.5	0.0%
4:30 PM	7	30.0	20.3	0.8	97.4	3.5	0.0%
4:30 PM	8	30.0	14.3	0.7	66.1	2.5	0.0%
4:30 PM	9	30.0	15.6	0.7	59.7	2.5	0.0%
4:30 PM	10	30.0	15.2	0.7	53.4	2.0	0.0%
4:45 PM	1	30.0	21.2	0.9	76.2	2.5	0.0%
4:45 PM	2	30.0	23.6	0.8	102.8	2.5	0.0%
4:45 PM	3	30.0	15.0	0.6	59.4	2.0	0.0%
4:45 PM	4	30.0	19.1	0.9	53.4	2.0	0.0%
4:45 PM	5	30.0	23.2	1.0	78.9	3.0	0.0%
4:45 PM	6	30.0	20.3	0.8	79.9	2.5	0.0%
4:45 PM	7	30.0	19.4	0.9	53.4	2.0	0.0%
4:45 PM	8	30.0	21.2	0.9	96.1	3.5	0.0%
4:45 PM	9	30.0	15.2	0.6	68.2	2.0	0.0%
4:45 PM	10	30.0	16.3	0.8	61.4	2.5	0.0%
5:00 PM	1	30.0	20.2	0.9	60.2	2.5	0.0%
5:00 PM	2	30.0	29.3	1.2	89.7	3.0	0.0%
5:00 PM	3	30.0	16.5	0.7	58.2	2.0	0.0%
5:00 PM	4	30.0	24.1	1.0	75.4	3.0	0.0%
5:00 PM	5	30.0	23.2	1.0	73.0	3.0	0.0%
5:00 PM	6	30.0	21.7	0.9	53.4	2.0	0.0%
5:00 PM	7	30.0	27.8	1.1	94.8	3.5	0.0%
5:00 PM	8	30.0	21.2	1.0	58.9	2.0	0.0%
5:00 PM	9	30.0	15.4	0.7	54.1	2.5	0.0%
5:00 PM	10	30.0	24.7	0.9	93.3	3.0	0.0%
5:15 PM	1	29.0	19.4	0.7	106.7	3.0	0.0%
5:15 PM	2	29.0	15.5	0.6	61.2	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
5:15 PM	3	29.0	13.1	0.6	55.1	2.0	0.0%
5:15 PM	4	29.0	19.4	0.9	75.8	3.0	0.0%
5:15 PM	5	29.0	18.1	0.8	66.3	2.6	0.0%
5:15 PM	6	29.0	19.1	0.8	66.0	2.0	0.0%
5:15 PM	7	29.0	17.6	0.8	63.7	2.6	0.0%
5:15 PM	8	29.0	11.3	0.6	48.0	2.0	0.0%
5:15 PM	9	29.0	17.2	0.7	84.1	3.0	0.0%
5:15 PM	10	29.0	15.4	0.8	40.5	2.0	0.0%
4:30 PM	Avg	30.0	19.9	0.8	75.2	2.9	0.0%
4:45 PM	Avg	30.0	19.5	0.8	73.0	2.5	0.0%
5:00 PM	Avg	30.0	22.4	0.9	71.1	2.7	0.0%
5:15 PM	Avg	29.0	16.6	0.7	66.7	2.4	0.0%
SB T on [Unnamed Street] - Lane ID 274793							
4:30 PM	1	30.0	10.0	0.4	52.7	2.0	0.0%
4:30 PM	2	30.0	11.4	0.5	38.1	2.0	0.0%
4:30 PM	3	30.0	10.9	0.5	63.6	2.5	0.0%
4:30 PM	4	30.0	16.5	0.6	61.6	2.5	0.0%
4:30 PM	5	30.0	33.5	1.2	152.2	5.5	0.0%
4:30 PM	6	30.0	5.2	0.2	35.6	1.5	0.0%
4:30 PM	7	30.0	12.2	0.5	52.5	2.0	0.0%
4:30 PM	8	30.0	6.6	0.3	30.3	1.5	0.0%
4:30 PM	9	30.0	10.1	0.5	56.5	2.5	0.0%
4:30 PM	10	30.0	4.1	0.2	23.2	1.0	0.0%
4:45 PM	1	30.0	12.1	0.5	57.7	2.5	0.0%
4:45 PM	2	30.0	8.1	0.4	22.2	1.0	0.0%
4:45 PM	3	30.0	9.0	0.3	41.9	1.5	0.0%
4:45 PM	4	30.0	8.0	0.3	52.0	2.0	0.0%
4:45 PM	5	30.0	3.6	0.2	16.4	1.0	0.0%
4:45 PM	6	30.0	7.4	0.3	29.6	1.0	0.0%
4:45 PM	7	30.0	21.7	0.8	94.8	3.5	0.0%
4:45 PM	8	30.0	15.0	0.6	61.1	2.5	0.0%
4:45 PM	9	30.0	13.8	0.5	71.5	2.5	0.0%
4:45 PM	10	30.0	23.6	0.9	96.8	3.5	0.0%
5:00 PM	1	30.0	7.9	0.4	40.6	2.0	0.0%
5:00 PM	2	30.0	14.3	0.6	92.2	3.5	0.0%
5:00 PM	3	30.0	10.8	0.5	46.6	2.0	0.0%
5:00 PM	4	30.0	9.3	0.4	61.7	2.5	0.0%
5:00 PM	5	30.0	6.6	0.4	28.0	1.5	0.0%
5:00 PM	6	30.0	7.6	0.3	50.1	2.0	0.0%
5:00 PM	7	30.0	7.3	0.3	40.1	1.5	0.0%
5:00 PM	8	30.0	6.9	0.3	32.0	1.5	0.0%
5:00 PM	9	30.0	7.3	0.4	30.7	1.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
5:00 PM	10	30.0	14.8	0.7	66.5	3.0	0.0%
5:15 PM	1	29.0	11.9	0.4	50.5	1.6	0.0%
5:15 PM	2	29.0	11.4	0.5	55.5	2.0	0.0%
5:15 PM	3	29.0	18.0	0.6	96.8	2.0	0.0%
5:15 PM	4	29.0	15.9	0.7	61.0	2.0	0.0%
5:15 PM	5	29.0	10.2	0.4	36.4	1.6	0.0%
5:15 PM	6	29.0	11.2	0.5	54.7	2.2	0.0%
5:15 PM	7	29.0	11.6	0.5	64.1	2.6	0.0%
5:15 PM	8	29.0	15.5	0.7	66.8	3.0	0.0%
5:15 PM	9	29.0	18.5	0.7	91.9	3.6	0.0%
5:15 PM	10	29.0	6.6	0.3	34.8	1.6	0.0%
4:30 PM	Avg	30.0	12.1	0.5	56.6	2.3	0.0%
4:45 PM	Avg	30.0	12.2	0.5	54.4	2.1	0.0%
5:00 PM	Avg	30.0	9.3	0.4	48.9	2.1	0.0%
5:15 PM	Avg	29.0	13.1	0.5	61.3	2.2	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
4:30 PM	1	30.0	25.1	1.0	74.4	3.0	0.0%
4:30 PM	2	30.0	24.1	1.0	78.5	3.0	0.0%
4:30 PM	3	30.0	16.6	0.5	82.4	2.5	0.0%
4:30 PM	4	30.0	16.6	0.6	91.3	3.0	0.0%
4:30 PM	5	30.0	47.9	1.4	214.6	6.0	0.0%
4:30 PM	6	30.0	30.1	1.1	126.4	4.6	0.0%
4:30 PM	7	30.0	18.9	0.8	69.1	3.0	0.0%
4:30 PM	8	30.0	20.9	0.8	76.5	2.5	0.0%
4:30 PM	9	30.0	37.5	1.4	105.9	4.0	0.0%
4:30 PM	10	30.0	21.1	0.9	83.7	3.0	0.0%
4:45 PM	1	30.0	26.8	1.0	113.1	4.0	0.0%
4:45 PM	2	30.0	23.6	0.8	99.1	3.5	0.0%
4:45 PM	3	30.0	21.2	0.8	81.7	3.0	0.0%
4:45 PM	4	30.0	23.2	0.8	155.7	5.0	0.0%
4:45 PM	5	30.0	28.7	1.1	94.9	3.0	0.0%
4:45 PM	6	30.0	33.9	1.2	140.3	4.5	0.0%
4:45 PM	7	30.0	20.6	0.8	101.4	3.5	0.0%
4:45 PM	8	30.0	24.7	0.9	92.5	3.0	0.0%
4:45 PM	9	30.0	28.6	0.9	99.8	3.5	0.0%
4:45 PM	10	30.0	25.9	0.9	106.7	4.0	0.0%
5:00 PM	1	30.0	25.5	1.0	93.2	3.5	0.0%
5:00 PM	2	30.0	25.2	0.9	111.9	3.5	0.0%
5:00 PM	3	30.0	24.1	0.9	99.5	3.0	0.0%
5:00 PM	4	30.0	18.7	0.7	86.5	3.0	0.0%
5:00 PM	5	30.0	44.0	1.4	139.7	4.0	0.0%
5:00 PM	6	30.0	16.4	0.6	75.2	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
5:00 PM	7	30.0	43.9	1.5	168.5	6.0	0.0%
5:00 PM	8	30.0	19.9	0.8	85.3	3.0	0.0%
5:00 PM	9	30.0	27.8	1.0	79.8	3.0	0.0%
5:00 PM	10	30.0	21.3	0.8	83.3	3.0	0.0%
5:15 PM	1	29.0	48.3	1.7	224.9	7.2	0.0%
5:15 PM	2	29.0	14.9	0.7	66.5	3.0	0.0%
5:15 PM	3	29.0	29.7	1.2	83.5	3.0	0.0%
5:15 PM	4	29.0	25.6	0.9	96.4	3.0	0.0%
5:15 PM	5	29.0	18.6	0.7	110.1	3.6	0.0%
5:15 PM	6	29.0	25.1	0.9	76.4	3.0	0.0%
5:15 PM	7	29.0	27.2	1.0	89.6	3.6	0.0%
5:15 PM	8	29.0	19.8	0.8	92.8	3.0	0.0%
5:15 PM	9	29.0	23.8	1.0	75.1	3.0	0.0%
5:15 PM	10	29.0	38.3	1.3	158.2	5.0	0.0%
4:30 PM	Avg	30.0	25.9	1.0	100.3	3.5	0.0%
4:45 PM	Avg	30.0	25.7	0.9	108.5	3.7	0.0%
5:00 PM	Avg	30.0	26.7	1.0	102.3	3.4	0.0%
5:15 PM	Avg	29.0	27.1	1.0	107.4	3.7	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
4:30 PM	1	30.0	23.9	1.1	76.9	3.0	0.0%
4:30 PM	2	30.0	34.6	1.5	112.7	4.5	0.0%
4:30 PM	3	30.0	43.4	1.6	125.7	4.0	0.0%
4:30 PM	4	30.0	55.8	1.9	160.6	4.5	0.0%
4:30 PM	5	30.0	28.1	1.1	106.0	4.0	0.0%
4:30 PM	6	30.0	25.4	1.1	101.5	4.0	0.0%
4:30 PM	7	30.0	12.1	0.6	50.3	2.0	0.0%
4:30 PM	8	30.0	36.0	1.4	123.8	4.1	0.0%
4:30 PM	9	30.0	14.2	0.7	49.4	2.0	0.0%
4:30 PM	10	30.0	66.2	2.5	173.9	6.0	0.0%
4:45 PM	1	30.0	32.5	1.4	115.8	5.0	0.0%
4:45 PM	2	30.0	31.1	1.3	153.0	6.0	0.0%
4:45 PM	3	30.0	31.4	1.3	109.1	4.5	0.0%
4:45 PM	4	30.0	12.1	0.6	51.9	2.0	0.0%
4:45 PM	5	30.0	26.1	1.0	101.0	3.0	0.0%
4:45 PM	6	30.0	39.6	1.5	131.0	5.0	0.0%
4:45 PM	7	30.0	27.0	1.1	99.9	4.0	0.0%
4:45 PM	8	30.0	32.0	1.4	79.3	3.0	0.0%
4:45 PM	9	30.0	40.4	1.5	102.1	3.5	0.0%
4:45 PM	10	30.0	12.3	0.5	58.2	2.5	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
5:00 PM	1	30.0	29.3	1.2	89.7	3.0	0.0%
5:00 PM	2	30.0	39.3	1.5	111.4	4.0	0.0%
5:00 PM	3	30.0	33.6	1.3	84.6	3.0	0.0%
5:00 PM	4	30.0	27.9	1.2	101.3	3.5	0.0%
5:00 PM	5	30.0	38.4	1.6	115.9	4.5	0.0%
5:00 PM	6	30.0	33.7	1.3	139.4	5.0	0.0%
5:00 PM	7	30.0	28.4	1.1	99.9	4.0	0.0%
5:00 PM	8	30.0	52.2	2.0	154.5	5.0	0.0%
5:00 PM	9	30.0	32.5	1.3	110.8	4.0	0.0%
5:00 PM	10	30.0	75.0	2.8	221.2	8.0	0.0%
5:15 PM	1	29.0	36.4	1.4	122.6	4.6	0.0%
5:15 PM	2	29.0	27.9	1.2	97.1	3.6	0.0%
5:15 PM	3	29.0	37.4	1.4	123.2	4.0	0.0%
5:15 PM	4	29.0	77.7	2.9	162.6	6.0	0.0%
5:15 PM	5	29.0	33.6	1.3	142.4	5.2	0.0%
5:15 PM	6	29.0	50.1	1.8	168.1	5.6	0.0%
5:15 PM	7	29.0	18.1	0.8	74.0	2.6	0.0%
5:15 PM	8	29.0	61.5	2.3	137.1	5.0	0.0%
5:15 PM	9	29.0	34.3	1.3	124.6	3.6	0.0%
5:15 PM	10	29.0	31.4	1.3	96.2	4.0	0.0%
4:30 PM	Avg	30.0	34.0	1.4	108.1	3.8	0.0%
4:45 PM	Avg	30.0	28.5	1.2	100.1	3.9	0.0%
5:00 PM	Avg	30.0	39.0	1.5	122.9	4.4	0.0%
5:15 PM	Avg	29.0	40.8	1.6	124.8	4.4	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274810

4:30 PM	1	30.0	29.6	1.1	135.3	4.5	0.0%
4:30 PM	2	30.0	160.2	5.6	619.8	21.2	0.0%
4:30 PM	3	30.0	66.5	2.4	202.5	6.5	0.0%
4:30 PM	4	30.0	51.5	2.0	202.6	7.5	0.0%
4:30 PM	5	30.0	36.6	1.4	142.8	5.5	0.0%
4:30 PM	6	30.0	15.1	0.6	60.8	2.5	0.0%
4:30 PM	7	30.0	42.5	1.6	161.8	5.5	0.0%
4:30 PM	8	30.0	17.9	0.8	78.9	3.5	0.0%
4:30 PM	9	30.0	23.7	0.9	104.8	4.0	0.0%
4:30 PM	10	30.0	51.9	2.0	126.3	4.5	0.0%
4:45 PM	1	30.0	152.2	5.3	552.1	18.5	0.0%
4:45 PM	2	30.0	486.7	16.2	1,154.4	40.0	0.0%
4:45 PM	3	30.0	62.1	2.3	207.4	6.5	0.0%
4:45 PM	4	30.0	187.9	6.7	510.6	18.5	0.0%
4:45 PM	5	30.0	55.7	2.1	182.1	6.5	0.0%
4:45 PM	6	30.0	38.0	1.5	152.2	5.5	0.0%
4:45 PM	7	30.0	288.4	9.9	1,042.7	34.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:45 PM	8	30.0	74.3	2.6	269.6	9.5	0.0%
4:45 PM	9	30.0	221.9	7.9	637.1	23.2	0.0%
4:45 PM	10	30.0	53.6	1.9	280.2	10.0	0.0%
5:00 PM	1	30.0	292.9	10.3	916.7	31.1	0.0%
5:00 PM	2	30.0	737.4	25.5	1,834.8	65.1	0.0%
5:00 PM	3	30.0	67.5	2.5	283.1	9.6	0.0%
5:00 PM	4	30.0	349.1	11.6	1,162.0	38.6	0.0%
5:00 PM	5	30.0	57.2	2.0	209.9	7.5	0.0%
5:00 PM	6	30.0	137.4	4.5	408.7	13.0	0.0%
5:00 PM	7	30.0	768.1	25.7	1,744.4	58.1	0.0%
5:00 PM	8	30.0	313.9	10.6	1,146.5	37.7	0.0%
5:00 PM	9	30.0	360.1	11.9	1,483.7	49.2	0.0%
5:00 PM	10	30.0	275.3	9.5	954.8	31.6	0.0%
5:15 PM	1	29.0	696.1	23.0	1,938.8	63.8	0.0%
5:15 PM	2	29.0	710.9	24.0	2,069.8	72.0	0.0%
5:15 PM	3	29.0	640.3	20.6	1,437.6	48.0	0.0%
5:15 PM	4	29.0	552.4	18.4	1,826.6	61.0	0.0%
5:15 PM	5	29.0	647.8	21.9	1,575.6	55.0	0.0%
5:15 PM	6	29.0	407.1	13.8	1,201.3	39.8	0.0%
5:15 PM	7	29.0	661.2	21.2	2,164.4	69.8	0.0%
5:15 PM	8	29.0	286.7	10.1	1,376.5	47.2	0.0%
5:15 PM	9	29.0	706.9	24.0	1,872.9	67.0	0.0%
5:15 PM	10	29.0	415.7	13.7	1,945.9	63.6	0.0%
4:30 PM	Avg	30.0	49.6	1.8	183.6	6.5	0.0%
4:45 PM	Avg	30.0	162.1	5.6	498.8	17.2	0.0%
5:00 PM	Avg	30.0	335.9	11.4	1,014.5	34.2	0.0%
5:15 PM	Avg	29.0	572.5	19.1	1,740.9	58.7	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274811							
4:30 PM	1	30.0	494.0	17.6	695.1	25.5	0.0%
4:30 PM	2	30.0	693.6	23.2	975.6	33.6	0.0%
4:30 PM	3	30.0	328.8	11.6	551.0	19.5	0.0%
4:30 PM	4	30.0	252.5	8.8	526.5	18.5	0.0%
4:30 PM	5	30.0	278.1	9.6	557.5	19.5	0.0%
4:30 PM	6	30.0	190.5	6.6	462.3	14.5	0.0%
4:30 PM	7	30.0	516.1	17.1	814.4	27.1	0.0%
4:30 PM	8	30.0	265.2	9.2	517.3	18.0	0.0%
4:30 PM	9	30.0	369.6	13.0	622.3	21.0	0.0%
4:30 PM	10	30.0	383.7	13.1	765.0	27.0	0.0%
4:45 PM	1	30.0	649.2	21.7	988.7	34.0	0.0%
4:45 PM	2	30.0	926.7	32.4	1,268.9	43.6	0.0%
4:45 PM	3	30.0	552.8	19.6	773.0	27.6	0.0%
4:45 PM	4	30.0	683.5	23.5	934.7	32.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:45 PM	5	30.0	596.2	20.4	941.0	32.1	0.0%
4:45 PM	6	30.0	422.0	14.4	740.2	26.6	0.0%
4:45 PM	7	30.0	746.9	26.2	1,164.7	39.0	0.0%
4:45 PM	8	30.0	584.1	20.3	874.9	31.0	0.0%
4:45 PM	9	30.0	788.9	26.4	1,016.9	35.0	0.0%
4:45 PM	10	30.0	675.2	23.4	890.8	30.6	0.0%
5:00 PM	1	30.0	812.7	27.9	1,402.1	49.6	0.0%
5:00 PM	2	30.0	1,287.2	44.3	1,838.4	65.0	0.0%
5:00 PM	3	30.0	653.0	22.6	884.2	31.0	0.0%
5:00 PM	4	30.0	909.6	30.7	1,328.0	42.6	0.0%
5:00 PM	5	30.0	821.0	26.8	1,101.6	36.0	0.0%
5:00 PM	6	30.0	663.7	22.8	990.5	33.6	0.0%
5:00 PM	7	30.0	1,208.2	39.5	1,831.8	61.0	0.0%
5:00 PM	8	30.0	938.7	32.6	1,303.2	46.1	0.0%
5:00 PM	9	30.0	1,215.9	41.8	1,548.5	52.6	0.0%
5:00 PM	10	30.0	853.3	30.0	1,185.3	42.6	0.0%
5:15 PM	1	29.0	1,470.7	45.4	2,024.9	62.8	0.0%
5:15 PM	2	29.0	1,605.0	54.2	2,129.5	71.6	0.0%
5:15 PM	3	29.0	1,053.8	36.3	1,481.4	50.0	0.0%
5:15 PM	4	29.0	1,317.0	42.6	1,845.8	60.0	0.0%
5:15 PM	5	29.0	1,220.8	42.7	1,684.8	59.6	0.0%
5:15 PM	6	29.0	885.8	30.3	1,346.3	45.2	0.0%
5:15 PM	7	29.0	1,600.6	55.2	2,257.5	79.6	0.0%
5:15 PM	8	29.0	1,234.7	43.4	1,801.9	62.6	0.0%
5:15 PM	9	29.0	1,512.3	50.4	1,946.6	67.0	0.0%
5:15 PM	10	29.0	1,265.3	43.1	2,010.1	69.0	0.0%
4:30 PM	Avg	30.0	377.2	13.0	648.7	22.4	0.0%
4:45 PM	Avg	30.0	662.6	22.8	959.4	33.2	0.0%
5:00 PM	Avg	30.0	936.3	31.9	1,341.4	46.0	0.0%
5:15 PM	Avg	29.0	1,316.6	44.4	1,852.9	62.7	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274806							
4:30 PM	1	30.0	21.1	0.8	72.0	2.5	0.0%
4:30 PM	2	30.0	18.3	0.8	77.4	3.0	0.0%
4:30 PM	3	30.0	18.3	0.7	74.2	3.0	0.0%
4:30 PM	4	30.0	28.0	1.1	75.8	3.0	0.0%
4:30 PM	5	30.0	26.8	1.0	107.0	3.5	0.0%
4:30 PM	6	30.0	14.5	0.7	65.3	2.5	0.0%
4:30 PM	7	30.0	20.9	0.8	108.8	3.5	0.0%
4:30 PM	8	30.0	19.5	0.7	72.5	2.5	0.0%
4:30 PM	9	30.0	16.2	0.7	50.0	2.0	0.0%
4:30 PM	10	30.0	18.4	0.8	69.9	3.0	0.0%
4:45 PM	1	30.0	20.6	0.9	74.5	3.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:45 PM	2	30.0	25.3	1.1	75.0	3.0	0.0%
4:45 PM	3	30.0	26.6	1.1	83.7	3.0	0.0%
4:45 PM	4	30.0	24.4	1.0	68.7	3.0	0.0%
4:45 PM	5	30.0	27.7	1.1	110.3	4.0	0.0%
4:45 PM	6	30.0	12.8	0.6	56.6	2.0	0.0%
4:45 PM	7	30.0	26.8	1.1	70.5	2.0	0.0%
4:45 PM	8	30.0	11.5	0.5	60.1	2.5	0.0%
4:45 PM	9	30.0	25.6	1.1	94.6	3.0	0.0%
4:45 PM	10	30.0	17.9	0.7	80.8	3.0	0.0%
5:00 PM	1	30.0	22.3	0.9	77.0	3.0	0.0%
5:00 PM	2	30.0	36.2	1.3	134.3	4.0	0.0%
5:00 PM	3	30.0	14.5	0.7	48.9	2.0	0.0%
5:00 PM	4	30.0	26.4	1.0	85.5	3.0	0.0%
5:00 PM	5	30.0	16.3	0.7	63.0	2.0	0.0%
5:00 PM	6	30.0	22.7	0.9	86.8	3.5	0.0%
5:00 PM	7	30.0	14.7	0.7	52.9	2.0	0.0%
5:00 PM	8	30.0	22.4	1.0	78.8	3.0	0.0%
5:00 PM	9	30.0	15.2	0.7	60.8	1.5	0.0%
5:00 PM	10	30.0	22.9	0.9	79.8	3.0	0.0%
5:15 PM	1	29.0	23.4	0.8	105.5	2.6	0.0%
5:15 PM	2	29.0	24.1	0.9	94.0	2.6	0.0%
5:15 PM	3	29.0	26.3	1.1	88.3	3.0	0.0%
5:15 PM	4	29.0	22.1	0.9	69.4	2.6	0.0%
5:15 PM	5	29.0	18.9	0.8	65.6	2.0	0.0%
5:15 PM	6	29.0	27.7	1.0	74.7	3.0	0.0%
5:15 PM	7	29.0	28.3	1.1	100.7	4.0	0.0%
5:15 PM	8	29.0	19.0	0.8	72.7	3.0	0.0%
5:15 PM	9	29.0	32.6	1.2	98.8	3.0	0.0%
5:15 PM	10	29.0	12.2	0.6	45.7	1.6	0.0%
4:30 PM	Avg	30.0	20.2	0.8	77.3	2.9	0.0%
4:45 PM	Avg	30.0	21.9	0.9	77.5	2.9	0.0%
5:00 PM	Avg	30.0	21.4	0.9	76.8	2.7	0.0%
5:15 PM	Avg	29.0	23.5	0.9	81.5	2.7	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274807							
4:30 PM	1	30.0	15.8	0.6	59.7	2.0	0.0%
4:30 PM	2	30.0	14.3	0.6	48.7	2.0	0.0%
4:30 PM	3	30.0	12.1	0.6	47.8	2.0	0.0%
4:30 PM	4	30.0	17.1	0.8	67.5	3.0	0.0%
4:30 PM	5	30.0	15.3	0.7	52.9	2.0	0.0%
4:30 PM	6	30.0	7.6	0.4	22.7	1.0	0.0%
4:30 PM	7	30.0	13.0	0.6	53.0	2.5	0.0%
4:30 PM	8	30.0	16.3	0.6	79.2	2.5	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:30 PM	9	30.0	11.1	0.5	44.5	1.5	0.0%
4:30 PM	10	30.0	15.0	0.7	45.2	2.0	0.0%
4:45 PM	1	30.0	19.7	0.9	66.5	3.0	0.0%
4:45 PM	2	30.0	13.4	0.6	49.6	2.0	0.0%
4:45 PM	3	30.0	16.5	0.8	44.6	2.0	0.0%
4:45 PM	4	30.0	18.0	0.8	52.9	2.0	0.0%
4:45 PM	5	30.0	13.2	0.6	51.4	2.0	0.0%
4:45 PM	6	30.0	10.1	0.4	54.3	2.0	0.0%
4:45 PM	7	30.0	16.5	0.8	50.3	2.0	0.0%
4:45 PM	8	30.0	13.9	0.5	71.5	2.0	0.0%
4:45 PM	9	30.0	15.3	0.7	52.9	2.0	0.0%
4:45 PM	10	30.0	10.8	0.5	49.0	2.0	0.0%
5:00 PM	1	30.0	21.7	0.9	78.3	3.0	0.0%
5:00 PM	2	30.0	22.0	0.9	62.4	2.0	0.0%
5:00 PM	3	30.0	17.5	0.7	58.1	2.0	0.0%
5:00 PM	4	30.0	17.4	0.7	83.3	3.0	0.0%
5:00 PM	5	30.0	14.2	0.6	61.7	2.5	0.0%
5:00 PM	6	30.0	17.3	0.6	86.2	1.5	0.0%
5:00 PM	7	30.0	12.8	0.6	68.3	2.5	0.0%
5:00 PM	8	30.0	19.5	0.7	95.5	2.5	0.0%
5:00 PM	9	30.0	9.1	0.4	35.8	1.5	0.0%
5:00 PM	10	30.0	14.6	0.7	65.6	3.0	0.0%
5:15 PM	1	29.0	11.8	0.5	49.3	2.0	0.0%
5:15 PM	2	29.0	11.1	0.5	65.7	2.6	0.0%
5:15 PM	3	29.0	15.3	0.7	65.8	2.6	0.0%
5:15 PM	4	29.0	19.9	0.9	66.5	2.6	0.0%
5:15 PM	5	29.0	13.7	0.6	47.7	2.0	0.0%
5:15 PM	6	29.0	12.8	0.6	66.6	2.6	0.0%
5:15 PM	7	29.0	20.8	0.9	105.1	4.0	0.0%
5:15 PM	8	29.0	23.4	0.9	92.4	3.0	0.0%
5:15 PM	9	29.0	6.9	0.4	33.9	2.0	0.0%
5:15 PM	10	29.0	11.2	0.5	44.2	2.0	0.0%
4:30 PM	Avg	30.0	13.8	0.6	52.1	2.1	0.0%
4:45 PM	Avg	30.0	14.7	0.7	54.3	2.1	0.0%
5:00 PM	Avg	30.0	16.6	0.7	69.5	2.4	0.0%
5:15 PM	Avg	29.0	14.7	0.7	63.7	2.5	0.0%

WB T on LAKE AVE NW - Lane ID 274815

4:30 PM	1	30.0	30.7	1.1	118.7	4.5	0.0%
4:30 PM	2	30.0	43.7	1.5	152.1	5.0	3.3%
4:30 PM	3	30.0	22.1	0.9	77.1	3.0	3.3%
4:30 PM	4	30.0	35.7	1.4	210.0	8.1	6.7%
4:30 PM	5	30.0	27.0	1.1	104.4	4.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:30 PM	6	30.0	26.1	1.0	104.6	3.5	0.0%
4:30 PM	7	30.0	29.5	1.1	135.3	5.0	0.0%
4:30 PM	8	30.0	23.5	0.9	91.2	3.5	0.0%
4:30 PM	9	30.0	28.8	1.0	104.9	4.0	0.0%
4:30 PM	10	30.0	24.4	0.8	154.5	5.0	0.0%
4:45 PM	1	30.0	32.8	1.2	168.9	6.5	0.0%
4:45 PM	2	30.0	32.3	1.2	138.3	4.5	0.0%
4:45 PM	3	30.0	38.4	1.4	165.5	5.5	0.0%
4:45 PM	4	30.0	13.8	0.6	61.6	2.5	0.0%
4:45 PM	5	30.0	14.8	0.6	96.1	4.0	0.0%
4:45 PM	6	30.0	33.3	1.4	126.7	5.0	0.0%
4:45 PM	7	30.0	36.8	1.3	164.3	5.5	0.0%
4:45 PM	8	30.0	30.5	1.2	127.0	4.5	0.0%
4:45 PM	9	30.0	18.4	0.7	99.5	3.5	0.0%
4:45 PM	10	30.0	45.8	1.8	159.8	6.0	0.0%
5:00 PM	1	30.0	6.6	0.3	33.9	1.5	0.0%
5:00 PM	2	30.0	20.5	0.7	101.9	3.0	3.3%
5:00 PM	3	30.0	12.7	0.6	85.3	3.5	0.0%
5:00 PM	4	30.0	20.5	0.8	132.6	4.5	0.0%
5:00 PM	5	30.0	22.1	0.9	112.4	4.1	0.0%
5:00 PM	6	30.0	32.5	1.3	128.9	5.5	0.0%
5:00 PM	7	30.0	20.8	0.8	115.4	4.0	0.0%
5:00 PM	8	30.0	5.3	0.2	9.1	0.5	0.0%
5:00 PM	9	30.0	11.3	0.4	55.8	2.0	0.0%
5:00 PM	10	30.0	16.7	0.7	85.1	3.5	0.0%
5:15 PM	1	29.0	22.8	1.0	104.6	4.0	0.0%
5:15 PM	2	29.0	28.0	1.1	131.9	4.6	0.0%
5:15 PM	3	29.0	23.6	0.9	145.8	5.6	0.0%
5:15 PM	4	29.0	19.2	0.8	101.2	3.2	3.4%
5:15 PM	5	29.0	23.9	0.9	143.3	4.6	0.0%
5:15 PM	6	29.0	11.1	0.5	71.2	3.0	0.0%
5:15 PM	7	29.0	16.3	0.7	63.6	2.6	0.0%
5:15 PM	8	29.0	38.6	1.4	179.4	6.6	3.4%
5:15 PM	9	29.0	36.3	1.3	211.4	6.2	6.9%
5:15 PM	10	29.0	13.2	0.6	64.7	2.6	0.0%
4:30 PM	Avg	30.0	29.2	1.1	125.3	4.6	1.3%
4:45 PM	Avg	30.0	29.7	1.1	130.8	4.8	0.0%
5:00 PM	Avg	30.0	16.9	0.7	86.0	3.2	0.3%
5:15 PM	Avg	29.0	23.3	0.9	121.7	4.3	1.4%

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
4:30 PM	80.3	17.0	59.7	120.6	10
4:45 PM	86.5	16.3	63.2	114.4	10
5:00 PM	81.7	23.1	42.4	118.2	10
5:15 PM	85.5	17.4	56.4	112.8	10
NB T on [Unnamed Street] - Lane ID 274791					
4:30 PM	19.9	6.2	14.3	30.9	10
4:45 PM	19.5	3.1	15.0	23.6	10
5:00 PM	22.4	4.4	15.4	29.3	10
5:15 PM	16.6	2.8	11.3	19.4	10
SB T on [Unnamed Street] - Lane ID 274793					
4:30 PM	12.1	8.4	4.1	33.5	10
4:45 PM	12.2	6.4	3.6	23.6	10
5:00 PM	9.3	3.0	6.6	14.8	10
5:15 PM	13.1	3.8	6.6	18.5	10
WB T on [Unnamed Street] - Lane ID 274785					
4:30 PM	25.9	10.1	16.6	47.9	10
4:45 PM	25.7	4.0	20.6	33.9	10
5:00 PM	26.7	9.7	16.4	44.0	10
5:15 PM	27.1	9.8	14.9	48.3	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
4:30 PM	34.0	17.3	12.1	66.2	10
4:45 PM	28.5	9.7	12.1	40.4	10
5:00 PM	39.0	14.5	27.9	75.0	10
5:15 PM	40.8	17.5	18.1	77.7	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
4:30 PM	49.6	42.2	15.1	160.2	10
4:45 PM	162.1	142.1	38.0	486.7	10
5:00 PM	335.9	245.8	57.2	768.1	10
5:15 PM	572.5	150.8	286.7	710.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
4:30 PM	377.2	152.1	190.5	693.6	10
4:45 PM	662.6	139.1	422.0	926.7	10
5:00 PM	936.3	227.5	653.0	1,287.2	10
5:15 PM	1,316.6	235.5	885.8	1,605.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
4:30 PM	20.2	4.3	14.5	28.0	10
4:45 PM	21.9	6.0	11.5	27.7	10
5:00 PM	21.4	6.7	14.5	36.2	10
5:15 PM	23.5	5.8	12.2	32.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
4:30 PM	13.8	2.9	7.6	17.1	10
4:45 PM	14.7	3.0	10.1	19.7	10
5:00 PM	16.6	4.0	9.1	22.0	10
5:15 PM	14.7	5.2	6.9	23.4	10
WB T on LAKE AVE NW - Lane ID 274815					
4:30 PM	29.2	6.5	22.1	43.7	10
4:45 PM	29.7	10.6	13.8	45.8	10
5:00 PM	16.9	8.2	5.3	32.5	10
5:15 PM	23.3	9.1	11.1	38.6	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
4:30 PM	2.8	0.6	2.0	4.0	10
4:45 PM	3.0	0.6	2.2	3.9	10
5:00 PM	2.8	0.8	1.4	4.1	10
5:15 PM	3.0	0.6	2.1	3.9	10
NB T on [Unnamed Street] - Lane ID 274791					
4:30 PM	0.8	0.2	0.7	1.2	10
4:45 PM	0.8	0.1	0.6	1.0	10
5:00 PM	0.9	0.2	0.7	1.2	10
5:15 PM	0.7	0.1	0.6	0.9	10
SB T on [Unnamed Street] - Lane ID 274793					
4:30 PM	0.5	0.3	0.2	1.2	10
4:45 PM	0.5	0.2	0.2	0.9	10
5:00 PM	0.4	0.1	0.3	0.7	10
5:15 PM	0.5	0.1	0.3	0.7	10
WB T on [Unnamed Street] - Lane ID 274785					
4:30 PM	1.0	0.3	0.5	1.4	10
4:45 PM	0.9	0.1	0.8	1.2	10
5:00 PM	1.0	0.3	0.6	1.5	10
5:15 PM	1.0	0.3	0.7	1.7	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
4:30 PM	1.4	0.6	0.6	2.5	10
4:45 PM	1.2	0.4	0.5	1.5	10
5:00 PM	1.5	0.5	1.1	2.8	10
5:15 PM	1.6	0.6	0.8	2.9	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
4:30 PM	1.8	1.4	0.6	5.6	10
4:45 PM	5.6	4.7	1.5	16.2	10
5:00 PM	11.4	8.3	2.0	25.7	10
5:15 PM	19.1	4.9	10.1	24.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
4:30 PM	13.0	5.0	6.6	23.2	10
4:45 PM	22.8	4.8	14.4	32.4	10
5:00 PM	31.9	7.6	22.6	44.3	10
5:15 PM	44.4	7.6	30.3	55.2	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
4:30 PM	0.8	0.1	0.7	1.1	10
4:45 PM	0.9	0.2	0.5	1.1	10
5:00 PM	0.9	0.2	0.7	1.3	10
5:15 PM	0.9	0.2	0.6	1.2	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
4:30 PM	0.6	0.1	0.4	0.8	10
4:45 PM	0.7	0.2	0.4	0.9	10
5:00 PM	0.7	0.1	0.4	0.9	10
5:15 PM	0.7	0.2	0.4	0.9	10
WB T on LAKE AVE NW - Lane ID 274815					
4:30 PM	1.1	0.2	0.8	1.5	10
4:45 PM	1.1	0.4	0.6	1.8	10
5:00 PM	0.7	0.3	0.2	1.3	10
5:15 PM	0.9	0.3	0.5	1.4	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
4:30 PM	241.0	5.3	232.2	252.2	10
4:45 PM	238.5	9.2	223.3	252.7	10
5:00 PM	234.8	19.1	182.4	247.1	10
5:15 PM	242.0	6.8	227.5	252.3	10
NB T on [Unnamed Street] - Lane ID 274791					
4:30 PM	75.2	21.6	44.5	108.5	10
4:45 PM	73.0	17.1	53.4	102.8	10
5:00 PM	71.1	16.5	53.4	94.8	10
5:15 PM	66.7	18.8	40.5	106.7	10
SB T on [Unnamed Street] - Lane ID 274793					
4:30 PM	56.6	36.3	23.2	152.2	10
4:45 PM	54.4	28.0	16.4	96.8	10
5:00 PM	48.9	19.9	28.0	92.2	10
5:15 PM	61.3	20.4	34.8	96.8	10
WB T on [Unnamed Street] - Lane ID 274785					
4:30 PM	100.3	43.6	69.1	214.6	10
4:45 PM	108.5	22.7	81.7	155.7	10
5:00 PM	102.3	30.0	75.2	168.5	10
5:15 PM	107.4	48.6	66.5	224.9	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
4:30 PM	108.1	41.5	49.4	173.9	10
4:45 PM	100.1	30.9	51.9	153.0	10
5:00 PM	122.9	40.6	84.6	221.2	10
5:15 PM	124.8	29.7	74.0	168.1	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
4:30 PM	183.6	160.2	60.8	619.8	10
4:45 PM	498.8	358.0	152.2	1,154.4	10
5:00 PM	1,014.5	580.0	209.9	1,834.8	10
5:15 PM	1,740.9	322.6	1,201.3	2,164.4	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
4:30 PM	648.7	161.8	462.3	975.6	10
4:45 PM	959.4	162.5	740.2	1,268.9	10
5:00 PM	1,341.4	324.9	884.2	1,838.4	10
5:15 PM	1,852.9	284.6	1,346.3	2,257.5	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
4:30 PM	77.3	17.9	50.0	108.8	10
4:45 PM	77.5	16.0	56.6	110.3	10
5:00 PM	76.8	24.2	48.9	134.3	10
5:15 PM	81.5	19.0	45.7	105.5	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
4:30 PM	52.1	15.0	22.7	79.2	10
4:45 PM	54.3	8.3	44.6	71.5	10
5:00 PM	69.5	17.0	35.8	95.5	10
5:15 PM	63.7	21.8	33.9	105.1	10
WB T on LAKE AVE NW - Lane ID 274815					
4:30 PM	125.3	39.0	77.1	210.0	10
4:45 PM	130.8	36.0	61.6	168.9	10
5:00 PM	86.0	41.3	9.1	132.6	10
5:15 PM	121.7	49.9	63.6	211.4	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
4:30 PM	8.3	0.5	7.5	9.0	10
4:45 PM	8.5	0.5	7.5	9.0	10
5:00 PM	8.1	0.8	6.0	9.0	10
5:15 PM	8.8	0.4	8.0	9.0	10
NB T on [Unnamed Street] - Lane ID 274791					
4:30 PM	2.9	0.7	2.0	4.0	10
4:45 PM	2.5	0.5	2.0	3.5	10
5:00 PM	2.7	0.5	2.0	3.5	10
5:15 PM	2.4	0.5	2.0	3.0	10
SB T on [Unnamed Street] - Lane ID 274793					
4:30 PM	2.3	1.2	1.0	5.5	10
4:45 PM	2.1	1.0	1.0	3.5	10
5:00 PM	2.1	0.7	1.5	3.5	10
5:15 PM	2.2	0.7	1.6	3.6	10
WB T on [Unnamed Street] - Lane ID 274785					
4:30 PM	3.5	1.1	2.5	6.0	10
4:45 PM	3.7	0.7	3.0	5.0	10
5:00 PM	3.4	1.0	2.0	6.0	10
5:15 PM	3.7	1.4	3.0	7.2	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
4:30 PM	3.8	1.2	2.0	6.0	10
4:45 PM	3.9	1.3	2.0	6.0	10
5:00 PM	4.4	1.4	3.0	8.0	10
5:15 PM	4.4	1.0	2.6	6.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
4:30 PM	6.5	5.4	2.5	21.2	10
4:45 PM	17.2	12.1	5.5	40.0	10
5:00 PM	34.2	19.9	7.5	65.1	10
5:15 PM	58.7	10.8	39.8	72.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
4:30 PM	22.4	5.7	14.5	33.6	10
4:45 PM	33.2	5.1	26.6	43.6	10
5:00 PM	46.0	11.3	31.0	65.0	10
5:15 PM	62.7	10.0	45.2	79.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
4:30 PM	2.9	0.5	2.0	3.5	10
4:45 PM	2.9	0.6	2.0	4.0	10
5:00 PM	2.7	0.8	1.5	4.0	10
5:15 PM	2.7	0.6	1.6	4.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
4:30 PM	2.1	0.6	1.0	3.0	10
4:45 PM	2.1	0.3	2.0	3.0	10
5:00 PM	2.4	0.6	1.5	3.0	10
5:15 PM	2.5	0.6	2.0	4.0	10
WB T on LAKE AVE NW - Lane ID 274815					
4:30 PM	4.6	1.4	3.0	8.1	10
4:45 PM	4.8	1.2	2.5	6.5	10
5:00 PM	3.2	1.5	0.5	5.5	10
5:15 PM	4.3	1.5	2.6	6.6	10

Project: Alt 2a_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:30:00 - 17:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
4:30 PM	0.2	0.1	0.1	0.3	10
4:45 PM	0.2	0.1	0.1	0.3	10
5:00 PM	0.2	0.1	0.0	0.3	10
5:15 PM	0.2	0.1	0.1	0.3	10
NB T on [Unnamed Street] - Lane ID 274791					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10
SB T on [Unnamed Street] - Lane ID 274793					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274806					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274807					
4:30 PM	0.0	0.0	0.0	0.0	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274815					
4:30 PM	0.0	0.0	0.0	0.1	10
4:45 PM	0.0	0.0	0.0	0.0	10
5:00 PM	0.0	0.0	0.0	0.0	10
5:15 PM	0.0	0.0	0.0	0.1	10

Build Alternate 2b

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	1	72.0	0.00	2.3	A
7:15 AM	2	73.0	0.00	1.9	A
7:15 AM	3	72.0	0.10	2.6	A
7:15 AM	4	72.0	0.00	1.7	A
7:15 AM	5	76.0	0.00	2.0	A
7:15 AM	6	74.0	0.00	2.4	A
7:15 AM	7	72.0	0.10	2.7	A
7:15 AM	8	72.0	0.00	2.2	A
7:15 AM	9	72.0	0.00	1.9	A
7:15 AM	10	75.0	0.00	2.2	A
7:30 AM	1	71.0	0.00	2.0	A
7:30 AM	2	74.0	0.00	1.8	A
7:30 AM	3	75.0	0.00	1.7	A
7:30 AM	4	73.0	0.00	2.2	A
7:30 AM	5	72.0	0.00	2.3	A
7:30 AM	6	71.0	0.00	1.9	A
7:30 AM	7	74.0	0.00	1.9	A
7:30 AM	8	71.0	0.00	2.1	A
7:30 AM	9	74.0	0.10	2.9	A
7:30 AM	10	70.0	0.00	1.9	A
7:45 AM	1	73.0	0.10	2.7	A
7:45 AM	2	74.0	0.00	2.2	A
7:45 AM	3	71.0	0.00	1.9	A
7:45 AM	4	72.0	0.00	2.4	A
7:45 AM	5	71.0	0.00	1.5	A
7:45 AM	6	71.0	0.00	2.2	A
7:45 AM	7	73.0	0.00	2.1	A
7:45 AM	8	73.0	0.00	2.3	A
7:45 AM	9	71.0	0.00	2.2	A
7:45 AM	10	75.0	0.00	2.1	A
8:00 AM	1	71.0	0.00	2.1	A
8:00 AM	2	70.0	0.00	2.2	A
8:00 AM	3	72.0	0.00	2.1	A
8:00 AM	4	72.0	0.00	1.8	A
8:00 AM	5	76.0	0.00	1.8	A
8:00 AM	6	74.0	0.10	2.5	A
8:00 AM	7	71.0	0.00	1.7	A
8:00 AM	8	73.0	0.10	2.7	A
8:00 AM	9	74.0	0.00	2.1	A
8:00 AM	10	74.0	0.00	2.2	A
7:15 AM	Avg	73.0	0.02	2.2	A
7:30 AM	Avg	72.5	0.01	2.1	A
7:45 AM	Avg	72.4	0.01	2.2	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	72.7	0.02	2.1	A
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	1	112.0	0.10	2.5	A
7:15 AM	2	112.0	0.10	2.6	A
7:15 AM	3	108.0	0.10	2.3	A
7:15 AM	4	109.0	0.10	2.7	A
7:15 AM	5	109.0	0.10	2.5	A
7:15 AM	6	116.0	0.10	3.5	A
7:15 AM	7	112.0	0.10	2.3	A
7:15 AM	8	111.0	0.10	2.0	A
7:15 AM	9	109.0	0.10	2.0	A
7:15 AM	10	110.0	0.10	2.0	A
7:30 AM	1	109.0	0.10	2.0	A
7:30 AM	2	112.0	0.10	2.8	A
7:30 AM	3	112.0	0.10	2.8	A
7:30 AM	4	111.0	0.10	2.8	A
7:30 AM	5	112.0	0.10	2.1	A
7:30 AM	6	110.0	0.10	2.4	A
7:30 AM	7	108.0	0.10	2.4	A
7:30 AM	8	108.0	0.10	2.2	A
7:30 AM	9	110.0	0.10	2.8	A
7:30 AM	10	110.0	0.10	3.1	A
7:45 AM	1	114.0	0.10	2.6	A
7:45 AM	2	110.0	0.10	2.6	A
7:45 AM	3	107.0	0.10	2.4	A
7:45 AM	4	109.0	0.10	2.5	A
7:45 AM	5	107.0	0.10	3.1	A
7:45 AM	6	107.0	0.10	2.9	A
7:45 AM	7	108.0	0.10	3.5	A
7:45 AM	8	109.0	0.10	2.2	A
7:45 AM	9	107.0	0.10	2.1	A
7:45 AM	10	112.0	0.10	2.6	A
8:00 AM	1	104.0	0.10	2.5	A
8:00 AM	2	106.0	0.10	2.5	A
8:00 AM	3	114.0	0.10	2.5	A
8:00 AM	4	111.0	0.10	2.8	A
8:00 AM	5	111.0	0.10	2.6	A
8:00 AM	6	110.0	0.10	2.3	A
8:00 AM	7	109.0	0.10	2.8	A
8:00 AM	8	110.0	0.10	3.0	A
8:00 AM	9	114.0	0.10	2.5	A
8:00 AM	10	111.0	0.10	2.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	110.8	0.10	2.4	A
7:30 AM	Avg	110.2	0.10	2.5	A
7:45 AM	Avg	109.0	0.10	2.6	A
8:00 AM	Avg	110.0	0.10	2.6	A
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	1	38.0	0.10	11.2	B
7:15 AM	2	38.0	0.10	9.7	A
7:15 AM	3	34.0	0.10	10.1	B
7:15 AM	4	37.0	0.10	11.3	B
7:15 AM	5	38.0	0.10	8.8	A
7:15 AM	6	37.0	0.10	12.0	B
7:15 AM	7	39.0	0.10	8.6	A
7:15 AM	8	37.0	0.10	10.5	B
7:15 AM	9	38.0	0.10	10.3	B
7:15 AM	10	36.0	0.10	10.1	B
7:30 AM	1	37.0	0.10	13.1	B
7:30 AM	2	36.0	0.10	10.8	B
7:30 AM	3	39.0	0.10	12.4	B
7:30 AM	4	36.0	0.10	9.7	A
7:30 AM	5	38.0	0.10	11.5	B
7:30 AM	6	38.0	0.10	9.4	A
7:30 AM	7	39.0	0.10	11.1	B
7:30 AM	8	39.0	0.10	9.2	A
7:30 AM	9	34.0	0.10	10.7	B
7:30 AM	10	40.0	0.10	12.1	B
7:45 AM	1	37.0	0.10	10.0	B
7:45 AM	2	38.0	0.10	12.3	B
7:45 AM	3	37.0	0.10	8.5	A
7:45 AM	4	39.0	0.10	9.2	A
7:45 AM	5	39.0	0.10	8.8	A
7:45 AM	6	36.0	0.10	9.5	A
7:45 AM	7	36.0	0.10	6.8	A
7:45 AM	8	37.0	0.10	8.9	A
7:45 AM	9	39.0	0.10	9.7	A
7:45 AM	10	36.0	0.10	8.0	A
8:00 AM	1	38.0	0.10	10.3	B
8:00 AM	2	37.0	0.10	10.7	B
8:00 AM	3	37.0	0.10	8.2	A
8:00 AM	4	37.0	0.10	9.5	A
8:00 AM	5	36.0	0.10	10.0	A
8:00 AM	6	39.0	0.10	10.9	B
8:00 AM	7	37.0	0.10	10.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	38.0	0.10	8.8	A
8:00 AM	9	38.0	0.10	9.7	A
8:00 AM	10	38.0	0.10	8.4	A
7:15 AM	Avg	37.2	0.10	10.3	B
7:30 AM	Avg	37.6	0.10	11.0	B
7:45 AM	Avg	37.4	0.10	9.2	A
8:00 AM	Avg	37.5	0.10	9.6	A

SWB T on [Unnamed Street]: Lane ID 274793

7:15 AM	1	94.0	0.20	7.8	A
7:15 AM	2	93.0	0.20	7.0	A
7:15 AM	3	92.0	0.20	7.1	A
7:15 AM	4	92.0	0.20	6.6	A
7:15 AM	5	94.0	0.20	8.9	A
7:15 AM	6	92.0	0.20	7.7	A
7:15 AM	7	93.0	0.20	7.3	A
7:15 AM	8	92.0	0.20	8.7	A
7:15 AM	9	90.0	0.20	7.2	A
7:15 AM	10	92.0	0.10	5.7	A
7:30 AM	1	91.0	0.20	7.2	A
7:30 AM	2	90.0	0.20	6.9	A
7:30 AM	3	94.0	0.20	7.7	A
7:30 AM	4	94.0	0.20	8.0	A
7:30 AM	5	91.0	0.20	6.8	A
7:30 AM	6	92.0	0.20	7.0	A
7:30 AM	7	94.0	0.20	6.6	A
7:30 AM	8	93.0	0.20	7.1	A
7:30 AM	9	93.0	0.20	6.7	A
7:30 AM	10	92.0	0.20	6.9	A
7:45 AM	1	92.0	0.20	7.0	A
7:45 AM	2	93.0	0.20	6.8	A
7:45 AM	3	93.0	0.20	6.0	A
7:45 AM	4	92.0	0.20	6.5	A
7:45 AM	5	90.0	0.20	8.1	A
7:45 AM	6	92.0	0.20	7.8	A
7:45 AM	7	92.0	0.20	7.8	A
7:45 AM	8	93.0	0.20	7.2	A
7:45 AM	9	94.0	0.20	7.7	A
7:45 AM	10	95.0	0.20	6.5	A
8:00 AM	1	93.0	0.20	7.4	A
8:00 AM	2	93.0	0.20	8.3	A
8:00 AM	3	91.0	0.20	6.7	A
8:00 AM	4	92.0	0.20	7.3	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	95.0	0.20	7.0	A
8:00 AM	6	93.0	0.20	8.2	A
8:00 AM	7	95.0	0.20	7.0	A
8:00 AM	8	94.0	0.20	7.6	A
8:00 AM	9	93.0	0.20	6.8	A
8:00 AM	10	91.0	0.20	6.4	A
7:15 AM	Avg	92.4	0.19	7.4	A
7:30 AM	Avg	92.4	0.20	7.1	A
7:45 AM	Avg	92.6	0.20	7.1	A
8:00 AM	Avg	93.0	0.20	7.3	A
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	1	136.0	0.20	5.0	A
7:15 AM	2	136.0	0.20	5.8	A
7:15 AM	3	136.0	0.20	4.3	A
7:15 AM	4	135.0	0.20	6.5	A
7:15 AM	5	131.0	0.20	5.5	A
7:15 AM	6	135.0	0.20	4.9	A
7:15 AM	7	136.0	0.20	4.4	A
7:15 AM	8	134.0	0.20	6.1	A
7:15 AM	9	132.0	0.20	5.3	A
7:15 AM	10	134.0	0.20	5.0	A
7:30 AM	1	135.0	0.20	4.6	A
7:30 AM	2	135.0	0.20	5.2	A
7:30 AM	3	134.0	0.20	5.7	A
7:30 AM	4	137.0	0.20	4.7	A
7:30 AM	5	136.0	0.10	4.0	A
7:30 AM	6	133.0	0.20	4.8	A
7:30 AM	7	131.0	0.20	5.3	A
7:30 AM	8	135.0	0.20	5.4	A
7:30 AM	9	136.0	0.20	5.9	A
7:30 AM	10	136.0	0.20	5.4	A
7:45 AM	1	134.0	0.20	5.6	A
7:45 AM	2	135.0	0.20	5.1	A
7:45 AM	3	135.0	0.20	4.4	A
7:45 AM	4	134.0	0.20	4.5	A
7:45 AM	5	136.0	0.20	5.9	A
7:45 AM	6	136.0	0.20	4.6	A
7:45 AM	7	138.0	0.20	5.8	A
7:45 AM	8	134.0	0.20	4.3	A
7:45 AM	9	136.0	0.20	6.1	A
7:45 AM	10	132.0	0.20	4.5	A
8:00 AM	1	136.0	0.20	5.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	134.0	0.30	6.8	A
8:00 AM	3	136.0	0.20	5.5	A
8:00 AM	4	133.0	0.20	5.4	A
8:00 AM	5	135.0	0.20	4.3	A
8:00 AM	6	134.0	0.20	4.9	A
8:00 AM	7	135.0	0.20	5.6	A
8:00 AM	8	138.0	0.20	4.6	A
8:00 AM	9	134.0	0.20	5.0	A
8:00 AM	10	136.0	0.20	4.9	A
7:15 AM	Avg	134.5	0.20	5.3	A
7:30 AM	Avg	134.8	0.19	5.1	A
7:45 AM	Avg	135.0	0.20	5.1	A
8:00 AM	Avg	135.1	0.21	5.2	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	1	108.0	0.50	15.7	C
7:15 AM	2	114.0	1.10	34.7	D
7:15 AM	3	108.0	1.50	51.2	F
7:15 AM	4	111.0	0.60	20.4	C
7:15 AM	5	112.0	0.80	24.6	C
7:15 AM	6	116.0	0.70	21.6	C
7:15 AM	7	113.0	1.20	36.9	E
7:15 AM	8	110.0	0.50	17.7	C
7:15 AM	9	109.0	0.90	28.9	D
7:15 AM	10	110.0	1.00	31.4	D
7:30 AM	1	110.0	0.60	19.2	C
7:30 AM	2	113.0	1.00	32.4	D
7:30 AM	3	114.0	0.60	19.7	C
7:30 AM	4	110.0	0.60	21.2	C
7:30 AM	5	112.0	0.70	22.0	C
7:30 AM	6	108.0	0.50	16.4	C
7:30 AM	7	106.0	1.70	57.7	F
7:30 AM	8	108.0	0.50	16.4	C
7:30 AM	9	114.0	1.30	42.2	E
7:30 AM	10	107.0	0.60	19.2	C
7:45 AM	1	115.0	1.20	36.6	E
7:45 AM	2	112.0	0.80	24.8	C
7:45 AM	3	107.0	0.70	22.6	C
7:45 AM	4	113.0	0.60	19.4	C
7:45 AM	5	107.0	0.60	21.7	C
7:45 AM	6	109.0	0.60	21.1	C
7:45 AM	7	111.0	2.00	65.2	F
7:45 AM	8	110.0	1.30	42.4	E
7:45 AM	9	105.0	1.20	40.9	E
7:45 AM	10	114.0	1.50	46.6	E
8:00 AM	1	103.0	1.70	58.3	F
8:00 AM	2	107.0	1.30	43.0	E
8:00 AM	3	113.0	0.70	21.0	C
8:00 AM	4	108.0	0.50	15.2	C
8:00 AM	5	114.0	0.60	20.0	C
8:00 AM	6	115.0	0.70	20.8	C
8:00 AM	7	106.0	1.30	43.8	E
8:00 AM	8	110.0	0.80	26.9	D
8:00 AM	9	113.0	0.70	22.2	C
8:00 AM	10	111.0	1.30	42.7	E
7:15 AM	Avg	111.1	0.88	28.3	D
7:30 AM	Avg	110.2	0.81	26.6	D
7:45 AM	Avg	110.3	1.05	34.1	D

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	110.0	0.96	31.4	D
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	1	57.0	0.10	7.7	A
7:15 AM	2	56.0	0.10	7.4	A
7:15 AM	3	54.0	0.10	7.1	A
7:15 AM	4	51.0	0.10	7.6	A
7:15 AM	5	52.0	0.10	7.9	A
7:15 AM	6	57.0	0.10	8.7	A
7:15 AM	7	54.0	0.10	8.5	A
7:15 AM	8	60.0	0.10	8.3	A
7:15 AM	9	55.0	0.10	7.3	A
7:15 AM	10	55.0	0.10	7.4	A
7:30 AM	1	57.0	0.10	7.5	A
7:30 AM	2	60.0	0.10	7.5	A
7:30 AM	3	56.0	0.10	8.4	A
7:30 AM	4	64.0	0.10	7.1	A
7:30 AM	5	58.0	0.10	7.5	A
7:30 AM	6	57.0	0.10	8.5	A
7:30 AM	7	58.0	0.10	7.9	A
7:30 AM	8	53.0	0.10	7.6	A
7:30 AM	9	57.0	0.10	7.7	A
7:30 AM	10	52.0	0.10	7.5	A
7:45 AM	1	55.0	0.10	6.9	A
7:45 AM	2	54.0	0.10	7.8	A
7:45 AM	3	55.0	0.10	8.7	A
7:45 AM	4	52.0	0.10	8.4	A
7:45 AM	5	57.0	0.10	8.9	A
7:45 AM	6	56.0	0.10	7.7	A
7:45 AM	7	53.0	0.10	8.8	A
7:45 AM	8	58.0	0.10	7.7	A
7:45 AM	9	58.0	0.10	6.7	A
7:45 AM	10	59.0	0.10	8.2	A
8:00 AM	1	57.0	0.10	7.5	A
8:00 AM	2	56.0	0.10	8.6	A
8:00 AM	3	54.0	0.10	7.6	A
8:00 AM	4	53.0	0.10	7.5	A
8:00 AM	5	56.0	0.10	8.5	A
8:00 AM	6	59.0	0.10	7.8	A
8:00 AM	7	55.0	0.10	6.9	A
8:00 AM	8	59.0	0.10	8.8	A
8:00 AM	9	56.0	0.10	7.9	A
8:00 AM	10	56.0	0.10	7.1	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	55.1	0.10	7.8	A
7:30 AM	Avg	57.2	0.10	7.7	A
7:45 AM	Avg	55.7	0.10	8.0	A
8:00 AM	Avg	56.1	0.10	7.8	A
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	1	82.0	0.20	8.9	A
7:15 AM	2	84.0	0.20	8.8	A
7:15 AM	3	80.0	0.20	7.6	A
7:15 AM	4	85.0	0.20	8.9	A
7:15 AM	5	85.0	0.20	8.2	A
7:15 AM	6	85.0	0.20	9.1	A
7:15 AM	7	83.0	0.20	7.8	A
7:15 AM	8	77.0	0.20	10.3	B
7:15 AM	9	81.0	0.20	8.1	A
7:15 AM	10	83.0	0.20	8.5	A
7:30 AM	1	81.0	0.20	7.2	A
7:30 AM	2	78.0	0.20	9.0	A
7:30 AM	3	83.0	0.20	9.0	A
7:30 AM	4	77.0	0.20	8.6	A
7:30 AM	5	83.0	0.20	7.5	A
7:30 AM	6	79.0	0.20	8.3	A
7:30 AM	7	82.0	0.20	8.2	A
7:30 AM	8	84.0	0.20	7.4	A
7:30 AM	9	80.0	0.20	10.9	B
7:30 AM	10	87.0	0.20	7.5	A
7:45 AM	1	83.0	0.20	8.1	A
7:45 AM	2	83.0	0.20	8.0	A
7:45 AM	3	84.0	0.20	7.5	A
7:45 AM	4	85.0	0.20	7.2	A
7:45 AM	5	80.0	0.20	8.1	A
7:45 AM	6	81.0	0.20	8.3	A
7:45 AM	7	83.0	0.20	7.7	A
7:45 AM	8	79.0	0.20	7.6	A
7:45 AM	9	79.0	0.20	7.0	A
7:45 AM	10	79.0	0.20	9.2	A
8:00 AM	1	81.0	0.20	8.1	A
8:00 AM	2	80.0	0.20	8.8	A
8:00 AM	3	83.0	0.20	7.7	A
8:00 AM	4	84.0	0.20	7.8	A
8:00 AM	5	82.0	0.20	8.6	A
8:00 AM	6	79.0	0.20	8.3	A
8:00 AM	7	84.0	0.20	7.5	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	80.0	0.20	8.9	A
8:00 AM	9	80.0	0.20	8.5	A
8:00 AM	10	80.0	0.20	7.5	A
7:15 AM	Avg	82.5	0.20	8.6	A
7:30 AM	Avg	81.4	0.20	8.4	A
7:45 AM	Avg	81.6	0.20	7.9	A
8:00 AM	Avg	81.3	0.20	8.2	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	1	63.0	0.20	8.7	A
7:15 AM	2	66.0	0.20	12.0	B
7:15 AM	3	67.0	0.20	9.7	A
7:15 AM	4	69.0	0.20	9.6	A
7:15 AM	5	71.0	0.20	9.8	A
7:15 AM	6	75.0	0.20	11.9	B
7:15 AM	7	69.0	0.20	10.1	B
7:15 AM	8	69.0	0.20	9.3	A
7:15 AM	9	69.0	0.20	8.4	A
7:15 AM	10	70.0	0.20	9.2	A
7:30 AM	1	72.0	0.20	9.7	A
7:30 AM	2	70.0	0.20	10.2	B
7:30 AM	3	70.0	0.20	11.8	B
7:30 AM	4	72.0	0.20	9.9	A
7:30 AM	5	73.0	0.20	8.7	A
7:30 AM	6	71.0	0.20	8.6	A
7:30 AM	7	73.0	0.20	10.4	B
7:30 AM	8	66.0	0.20	10.7	B
7:30 AM	9	67.0	0.20	9.0	A
7:30 AM	10	65.0	0.20	9.2	A
7:45 AM	1	70.0	0.20	8.6	A
7:45 AM	2	65.0	0.20	10.3	B
7:45 AM	3	62.0	0.20	11.1	B
7:45 AM	4	63.0	0.20	9.9	A
7:45 AM	5	69.0	0.20	9.8	A
7:45 AM	6	65.0	0.20	8.8	A
7:45 AM	7	67.0	0.20	10.4	B
7:45 AM	8	66.0	0.20	10.5	B
7:45 AM	9	71.0	0.20	11.4	B
7:45 AM	10	72.0	0.20	8.9	A
8:00 AM	1	72.0	0.20	10.5	B
8:00 AM	2	69.0	0.20	10.0	B
8:00 AM	3	70.0	0.20	9.6	A
8:00 AM	4	66.0	0.20	10.2	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	70.0	0.20	8.8	A
8:00 AM	6	68.0	0.20	9.9	A
8:00 AM	7	73.0	0.20	9.4	A
8:00 AM	8	71.0	0.20	11.1	B
8:00 AM	9	65.0	0.20	9.7	A
8:00 AM	10	65.0	0.20	10.7	B
7:15 AM	Avg	68.8	0.20	9.9	A
7:30 AM	Avg	69.9	0.20	9.8	A
7:45 AM	Avg	67.0	0.20	10.0	A
8:00 AM	Avg	68.9	0.20	10.0	A
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	1	68.0	0.10	6.8	A
7:15 AM	2	66.0	0.10	7.7	A
7:15 AM	3	67.0	0.10	7.9	A
7:15 AM	4	62.0	0.10	7.3	A
7:15 AM	5	63.0	0.20	8.8	A
7:15 AM	6	61.0	0.10	8.8	A
7:15 AM	7	63.0	0.10	8.4	A
7:15 AM	8	64.0	0.10	6.7	A
7:15 AM	9	61.0	0.10	7.3	A
7:15 AM	10	63.0	0.10	7.9	A
7:30 AM	1	61.0	0.10	7.9	A
7:30 AM	2	64.0	0.10	7.6	A
7:30 AM	3	62.0	0.10	8.3	A
7:30 AM	4	60.0	0.10	7.4	A
7:30 AM	5	59.0	0.10	6.8	A
7:30 AM	6	59.0	0.10	7.2	A
7:30 AM	7	61.0	0.10	7.5	A
7:30 AM	8	65.0	0.10	7.7	A
7:30 AM	9	65.0	0.10	7.4	A
7:30 AM	10	63.0	0.10	7.0	A
7:45 AM	1	62.0	0.10	7.1	A
7:45 AM	2	66.0	0.10	7.6	A
7:45 AM	3	70.0	0.10	7.2	A
7:45 AM	4	68.0	0.10	7.8	A
7:45 AM	5	64.0	0.10	7.9	A
7:45 AM	6	67.0	0.10	7.3	A
7:45 AM	7	62.0	0.10	7.3	A
7:45 AM	8	65.0	0.10	6.4	A
7:45 AM	9	64.0	0.10	7.8	A
7:45 AM	10	66.0	0.10	6.6	A
8:00 AM	1	63.0	0.10	7.8	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	65.0	0.10	8.3	A
8:00 AM	3	62.0	0.10	7.7	A
8:00 AM	4	66.0	0.10	7.1	A
8:00 AM	5	62.0	0.10	7.2	A
8:00 AM	6	63.0	0.10	7.5	A
8:00 AM	7	63.0	0.10	7.1	A
8:00 AM	8	62.0	0.10	6.4	A
8:00 AM	9	67.0	0.10	7.1	A
8:00 AM	10	66.0	0.10	7.5	A
7:15 AM	Avg	63.8	0.11	7.8	A
7:30 AM	Avg	61.9	0.10	7.5	A
7:45 AM	Avg	65.4	0.10	7.3	A
8:00 AM	Avg	63.9	0.10	7.4	A

WB R on LAKE AVE NW: Lane ID 274842

7:15 AM	1	130.0	0.10	2.6	A
7:15 AM	2	129.0	0.10	1.9	A
7:15 AM	3	132.0	0.10	2.6	A
7:15 AM	4	129.0	0.10	2.2	A
7:15 AM	5	134.0	0.10	2.6	A
7:15 AM	6	128.0	0.10	2.2	A
7:15 AM	7	130.0	0.10	2.8	A
7:15 AM	8	130.0	0.10	2.9	A
7:15 AM	9	130.0	0.10	2.6	A
7:15 AM	10	129.0	0.10	2.2	A
7:30 AM	1	127.0	0.10	2.7	A
7:30 AM	2	128.0	0.10	1.8	A
7:30 AM	3	131.0	0.10	1.7	A
7:30 AM	4	133.0	0.10	2.6	A
7:30 AM	5	130.0	0.10	2.0	A
7:30 AM	6	132.0	0.10	2.2	A
7:30 AM	7	131.0	0.10	1.8	A
7:30 AM	8	130.0	0.10	2.3	A
7:30 AM	9	130.0	0.10	3.3	A
7:30 AM	10	133.0	0.10	2.2	A
7:45 AM	1	130.0	0.10	1.9	A
7:45 AM	2	134.0	0.10	3.3	A
7:45 AM	3	128.0	0.10	2.3	A
7:45 AM	4	131.0	0.10	2.5	A
7:45 AM	5	129.0	0.10	2.2	A
7:45 AM	6	129.0	0.10	2.1	A
7:45 AM	7	131.0	0.10	1.8	A
7:45 AM	8	129.0	0.10	2.4	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	9	131.0	0.10	2.0	A
7:45 AM	10	127.0	0.10	1.9	A
8:00 AM	1	133.0	0.10	2.3	A
8:00 AM	2	131.0	0.10	2.4	A
8:00 AM	3	130.0	0.10	2.0	A
8:00 AM	4	126.0	0.10	1.9	A
8:00 AM	5	130.0	0.10	2.1	A
8:00 AM	6	133.0	0.10	2.4	A
8:00 AM	7	129.0	0.10	2.6	A
8:00 AM	8	129.0	0.10	2.3	A
8:00 AM	9	131.0	0.10	1.4	A
8:00 AM	10	133.0	0.10	2.5	A
7:15 AM	Avg	130.1	0.10	2.5	A
7:30 AM	Avg	130.5	0.10	2.3	A
7:45 AM	Avg	129.9	0.10	2.2	A
8:00 AM	Avg	130.5	0.10	2.2	A
WB R on LAKE AVE NW: Lane ID 274843					
7:15 AM	1	44.0	0.00	0.8	A
7:15 AM	2	44.0	0.00	1.6	A
7:15 AM	3	41.0	0.00	1.0	A
7:15 AM	4	42.0	0.00	0.9	A
7:15 AM	5	41.0	0.00	1.3	A
7:15 AM	6	43.0	0.00	1.2	A
7:15 AM	7	43.0	0.00	1.4	A
7:15 AM	8	42.0	0.00	1.2	A
7:15 AM	9	42.0	0.00	1.4	A
7:15 AM	10	43.0	0.00	0.9	A
7:30 AM	1	42.0	0.00	1.3	A
7:30 AM	2	41.0	0.00	1.2	A
7:30 AM	3	41.0	0.00	1.2	A
7:30 AM	4	44.0	0.00	1.5	A
7:30 AM	5	43.0	0.00	1.2	A
7:30 AM	6	41.0	0.00	1.2	A
7:30 AM	7	42.0	0.00	1.4	A
7:30 AM	8	43.0	0.00	1.3	A
7:30 AM	9	43.0	0.00	1.7	A
7:30 AM	10	42.0	0.00	1.5	A
7:45 AM	1	43.0	0.00	1.2	A
7:45 AM	2	44.0	0.00	1.1	A
7:45 AM	3	45.0	0.00	1.2	A
7:45 AM	4	41.0	0.00	1.1	A
7:45 AM	5	41.0	0.00	1.3	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	6	42.0	0.00	1.4	A
7:45 AM	7	42.0	0.00	1.2	A
7:45 AM	8	43.0	0.00	1.1	A
7:45 AM	9	44.0	0.00	1.5	A
7:45 AM	10	42.0	0.00	1.2	A
8:00 AM	1	40.0	0.00	1.1	A
8:00 AM	2	42.0	0.00	1.0	A
8:00 AM	3	42.0	0.00	1.1	A
8:00 AM	4	43.0	0.00	0.9	A
8:00 AM	5	43.0	0.00	1.2	A
8:00 AM	6	43.0	0.00	0.9	A
8:00 AM	7	43.0	0.00	1.3	A
8:00 AM	8	43.0	0.00	0.9	A
8:00 AM	9	42.0	0.00	0.9	A
8:00 AM	10	42.0	0.00	1.7	A
7:15 AM	Avg	42.5	0.00	1.2	A
7:30 AM	Avg	42.2	0.00	1.3	A
7:45 AM	Avg	42.7	0.00	1.2	A
8:00 AM	Avg	42.3	0.00	1.1	A

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	0.2	0.0	0.1	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.1	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.3	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	0.9	0.3	0.5	1.5	10
7:30 AM	0.8	0.4	0.5	1.7	10
7:45 AM	1.1	0.5	0.6	2.0	10
8:00 AM	1.0	0.4	0.5	1.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
WB R on LAKE AVE NW: Lane ID 274842					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
WB R on LAKE AVE NW: Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	2.2	0.3	1.7	2.7	10
7:30 AM	2.1	0.4	1.7	2.9	10
7:45 AM	2.2	0.3	1.5	2.7	10
8:00 AM	2.1	0.3	1.7	2.7	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	2.4	0.4	2.0	3.5	10
7:30 AM	2.5	0.4	2.0	3.1	10
7:45 AM	2.6	0.4	2.1	3.5	10
8:00 AM	2.6	0.2	2.3	3.0	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	10.3	1.1	8.6	12.0	10
7:30 AM	11.0	1.3	9.2	13.1	10
7:45 AM	9.2	1.4	6.8	12.3	10
8:00 AM	9.6	0.9	8.2	10.9	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	7.4	0.9	5.7	8.9	10
7:30 AM	7.1	0.5	6.6	8.0	10
7:45 AM	7.1	0.7	6.0	8.1	10
8:00 AM	7.3	0.6	6.4	8.3	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	5.3	0.7	4.3	6.5	10
7:30 AM	5.1	0.6	4.0	5.9	10
7:45 AM	5.1	0.7	4.3	6.1	10
8:00 AM	5.2	0.7	4.3	6.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	28.3	10.7	15.7	51.2	10
7:30 AM	26.6	13.6	16.4	57.7	10
7:45 AM	34.1	14.9	19.4	65.2	10
8:00 AM	31.4	14.4	15.2	58.3	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	7.8	0.5	7.1	8.7	10
7:30 AM	7.7	0.4	7.1	8.5	10
7:45 AM	8.0	0.8	6.7	8.9	10
8:00 AM	7.8	0.6	6.9	8.8	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	8.6	0.8	7.6	10.3	10
7:30 AM	8.4	1.1	7.2	10.9	10
7:45 AM	7.9	0.6	7.0	9.2	10
8:00 AM	8.2	0.5	7.5	8.9	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	9.9	1.2	8.4	12.0	10
7:30 AM	9.8	1.0	8.6	11.8	10
7:45 AM	10.0	1.0	8.6	11.4	10
8:00 AM	10.0	0.7	8.8	11.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	7.8	0.8	6.7	8.8	10
7:30 AM	7.5	0.4	6.8	8.3	10
7:45 AM	7.3	0.5	6.4	7.9	10
8:00 AM	7.4	0.5	6.4	8.3	10
WB R on LAKE AVE NW: Lane ID 274842					
7:15 AM	2.5	0.3	1.9	2.9	10
7:30 AM	2.3	0.5	1.7	3.3	10
7:45 AM	2.2	0.4	1.8	3.3	10
8:00 AM	2.2	0.4	1.4	2.6	10
WB R on LAKE AVE NW: Lane ID 274843					
7:15 AM	1.2	0.3	0.8	1.6	10
7:30 AM	1.3	0.2	1.2	1.7	10
7:45 AM	1.2	0.1	1.1	1.5	10
8:00 AM	1.1	0.3	0.9	1.7	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
7:15 AM	1	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	2	30.0	1.1	0.1	8.9	0.5	0.0%
7:15 AM	3	30.0	3.6	0.2	18.5	1.0	0.0%
7:15 AM	4	30.0	0.8	0.1	5.1	0.5	0.0%
7:15 AM	5	30.0	2.2	0.1	16.4	1.0	0.0%
7:15 AM	6	30.0	1.1	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	1.3	0.1	8.4	0.5	0.0%
7:15 AM	9	30.0	1.2	0.1	9.6	0.5	0.0%
7:15 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	1.3	0.1	0.0	0.0	0.0%
7:30 AM	6	30.0	2.2	0.1	16.0	1.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	2.3	0.1	18.0	1.0	0.0%
7:30 AM	9	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	1.3	0.1	10.0	0.5	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	1.1	0.1	8.6	0.5	0.0%
7:45 AM	3	30.0	1.5	0.1	13.7	1.0	0.0%
7:45 AM	4	30.0	1.9	0.1	17.9	1.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	1.3	0.1	9.6	0.5	0.0%
7:45 AM	8	30.0	4.0	0.2	19.5	1.0	0.0%
7:45 AM	9	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	1.2	0.0	0.0	0.0	0.0%
8:00 AM	1	29.0	0.4	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	3.7	0.1	19.4	1.0	0.0%
8:00 AM	3	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	1.8	0.1	15.0	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	2.2	0.1	16.5	1.0	0.0%
8:00 AM	8	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	Avg	30.0	1.3	0.1	6.7	0.4	0.0%
7:30 AM	Avg	30.0	0.9	0.0	4.4	0.3	0.0%
7:45 AM	Avg	30.0	1.2	0.1	6.9	0.4	0.0%
8:00 AM	Avg	29.0	1.0	0.0	5.1	0.3	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
7:15 AM	1	30.0	2.1	0.1	9.1	0.5	0.0%
7:15 AM	2	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	3	30.0	1.1	0.1	7.3	0.5	0.0%
7:15 AM	4	30.0	3.9	0.2	17.2	1.0	0.0%
7:15 AM	5	30.0	2.3	0.1	17.5	1.0	0.0%
7:15 AM	6	30.0	4.7	0.2	24.2	1.0	0.0%
7:15 AM	7	30.0	1.0	0.1	8.6	0.5	0.0%
7:15 AM	8	30.0	1.3	0.0	0.0	0.0	0.0%
7:15 AM	9	30.0	1.4	0.1	10.2	0.5	0.0%
7:15 AM	10	30.0	3.6	0.2	18.1	1.0	0.0%
7:30 AM	1	30.0	0.7	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	2.5	0.1	16.7	1.0	0.0%
7:30 AM	4	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.9	0.1	5.2	0.5	0.0%
7:30 AM	6	30.0	2.1	0.2	15.6	1.0	0.0%
7:30 AM	7	30.0	0.8	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	1.9	0.1	17.4	1.0	0.0%
7:30 AM	9	30.0	1.5	0.1	14.1	1.0	0.0%
7:30 AM	10	30.0	4.4	0.2	18.0	1.0	0.0%
7:45 AM	1	30.0	2.9	0.1	11.3	0.5	0.0%
7:45 AM	2	30.0	2.3	0.1	10.9	0.5	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	5.6	0.2	33.6	1.0	0.0%
7:45 AM	5	30.0	3.3	0.1	26.0	1.0	0.0%
7:45 AM	6	30.0	1.0	0.1	8.5	0.5	0.0%
7:45 AM	7	30.0	1.9	0.1	5.0	0.5	0.0%
7:45 AM	8	30.0	3.0	0.1	13.1	0.5	0.0%
7:45 AM	9	30.0	0.4	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	1.8	0.1	16.5	1.0	0.0%
8:00 AM	1	29.0	4.9	0.2	18.7	1.0	0.0%
8:00 AM	2	29.0	0.7	0.0	0.0	0.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	2.1	0.1	11.0	0.6	0.0%
8:00 AM	4	29.0	1.5	0.1	9.2	0.6	0.0%
8:00 AM	5	29.0	5.9	0.3	24.8	1.0	0.0%
8:00 AM	6	29.0	1.1	0.1	8.5	0.6	0.0%
8:00 AM	7	29.0	2.5	0.1	16.8	1.0	0.0%
8:00 AM	8	29.0	1.2	0.1	9.6	0.6	0.0%
8:00 AM	9	29.0	2.4	0.1	9.5	0.6	0.0%
8:00 AM	10	29.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	Avg	30.0	2.2	0.1	11.2	0.6	0.0%
7:30 AM	Avg	30.0	1.5	0.1	8.7	0.6	0.0%
7:45 AM	Avg	30.0	2.2	0.1	12.5	0.6	0.0%
8:00 AM	Avg	29.0	2.3	0.1	10.8	0.6	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
7:15 AM	1	30.0	7.6	0.4	36.9	1.5	0.0%
7:15 AM	2	30.0	4.5	0.2	27.5	1.5	0.0%
7:15 AM	3	30.0	5.8	0.3	32.1	1.5	0.0%
7:15 AM	4	30.0	4.3	0.2	19.8	1.0	0.0%
7:15 AM	5	30.0	2.0	0.1	14.9	1.0	0.0%
7:15 AM	6	30.0	6.4	0.3	41.3	2.0	0.0%
7:15 AM	7	30.0	3.1	0.2	16.6	1.0	0.0%
7:15 AM	8	30.0	4.0	0.2	30.8	1.5	0.0%
7:15 AM	9	30.0	4.7	0.2	25.4	1.0	0.0%
7:15 AM	10	30.0	5.1	0.3	24.1	1.0	0.0%
7:30 AM	1	30.0	5.5	0.3	16.7	1.0	0.0%
7:30 AM	2	30.0	5.6	0.3	34.4	1.5	0.0%
7:30 AM	3	30.0	10.5	0.5	32.7	1.0	0.0%
7:30 AM	4	30.0	3.4	0.2	16.4	1.0	0.0%
7:30 AM	5	30.0	5.8	0.3	32.8	1.5	0.0%
7:30 AM	6	30.0	3.1	0.2	16.0	1.0	0.0%
7:30 AM	7	30.0	5.9	0.2	20.9	1.0	0.0%
7:30 AM	8	30.0	4.2	0.2	17.5	1.0	0.0%
7:30 AM	9	30.0	3.8	0.2	17.4	1.0	0.0%
7:30 AM	10	30.0	10.0	0.4	65.3	2.0	0.0%
7:45 AM	1	30.0	3.5	0.2	18.0	1.0	0.0%
7:45 AM	2	30.0	7.8	0.4	34.4	1.5	0.0%
7:45 AM	3	30.0	2.4	0.1	17.2	1.0	0.0%
7:45 AM	4	30.0	5.6	0.3	30.2	1.5	0.0%
7:45 AM	5	30.0	5.0	0.2	26.0	1.0	0.0%
7:45 AM	6	30.0	4.0	0.2	16.8	1.0	0.0%
7:45 AM	7	30.0	3.5	0.2	20.1	1.0	0.0%
7:45 AM	8	30.0	5.5	0.2	33.0	1.0	0.0%
7:45 AM	9	30.0	4.9	0.3	29.9	1.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	2.7	0.1	20.1	1.0	0.0%
8:00 AM	1	29.0	4.0	0.2	16.6	1.0	0.0%
8:00 AM	2	29.0	6.1	0.3	33.3	1.0	0.0%
8:00 AM	3	29.0	4.8	0.2	28.7	1.0	0.0%
8:00 AM	4	29.0	5.3	0.3	20.3	1.0	0.0%
8:00 AM	5	29.0	6.9	0.3	26.3	1.0	0.0%
8:00 AM	6	29.0	4.5	0.2	18.8	1.0	0.0%
8:00 AM	7	29.0	8.2	0.3	41.4	1.6	0.0%
8:00 AM	8	29.0	6.3	0.3	22.6	1.0	0.0%
8:00 AM	9	29.0	4.8	0.3	16.5	1.0	0.0%
8:00 AM	10	29.0	4.1	0.2	18.7	1.0	0.0%
7:15 AM	Avg	30.0	4.8	0.2	26.9	1.3	0.0%
7:30 AM	Avg	30.0	5.8	0.3	27.0	1.2	0.0%
7:45 AM	Avg	30.0	4.5	0.2	24.6	1.2	0.0%
8:00 AM	Avg	29.0	5.5	0.3	24.3	1.1	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
7:15 AM	1	30.0	5.9	0.3	38.0	1.5	0.0%
7:15 AM	2	30.0	6.8	0.3	48.3	2.0	0.0%
7:15 AM	3	30.0	8.5	0.4	48.0	2.0	0.0%
7:15 AM	4	30.0	9.5	0.3	44.3	1.0	0.0%
7:15 AM	5	30.0	13.0	0.5	68.3	2.5	0.0%
7:15 AM	6	30.0	9.6	0.4	55.2	2.0	0.0%
7:15 AM	7	30.0	5.6	0.3	28.0	1.0	0.0%
7:15 AM	8	30.0	5.8	0.3	23.2	1.0	0.0%
7:15 AM	9	30.0	5.8	0.3	33.6	1.5	0.0%
7:15 AM	10	30.0	4.2	0.2	19.4	1.0	0.0%
7:30 AM	1	30.0	4.6	0.2	24.5	1.0	0.0%
7:30 AM	2	30.0	3.7	0.2	19.7	1.0	0.0%
7:30 AM	3	30.0	6.9	0.3	51.2	2.1	0.0%
7:30 AM	4	30.0	8.3	0.3	34.3	1.5	0.0%
7:30 AM	5	30.0	8.9	0.4	40.4	1.5	0.0%
7:30 AM	6	30.0	6.5	0.3	28.9	1.0	0.0%
7:30 AM	7	30.0	5.2	0.3	19.3	1.0	0.0%
7:30 AM	8	30.0	12.0	0.5	43.2	2.0	0.0%
7:30 AM	9	30.0	2.0	0.1	8.1	0.5	0.0%
7:30 AM	10	30.0	5.7	0.2	39.2	1.5	0.0%
7:45 AM	1	30.0	4.1	0.2	30.9	1.5	0.0%
7:45 AM	2	30.0	5.7	0.2	20.6	1.0	0.0%
7:45 AM	3	30.0	2.1	0.1	9.1	0.5	0.0%
7:45 AM	4	30.0	7.9	0.4	45.7	2.0	0.0%
7:45 AM	5	30.0	4.8	0.2	31.9	1.5	0.0%
7:45 AM	6	30.0	9.5	0.4	66.8	3.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	10.9	0.5	55.7	2.0	0.0%
7:45 AM	8	30.0	10.6	0.4	58.0	1.5	0.0%
7:45 AM	9	30.0	8.6	0.4	58.0	2.5	0.0%
7:45 AM	10	30.0	4.1	0.2	17.7	1.0	0.0%
8:00 AM	1	29.0	3.7	0.2	22.6	1.0	0.0%
8:00 AM	2	29.0	10.6	0.4	63.0	2.0	0.0%
8:00 AM	3	29.0	8.1	0.3	52.1	2.2	0.0%
8:00 AM	4	29.0	9.1	0.3	34.1	1.6	0.0%
8:00 AM	5	29.0	5.1	0.2	28.9	1.0	0.0%
8:00 AM	6	29.0	3.8	0.2	25.7	1.0	0.0%
8:00 AM	7	29.0	3.7	0.2	16.6	1.0	0.0%
8:00 AM	8	29.0	10.5	0.3	61.8	1.6	0.0%
8:00 AM	9	29.0	6.3	0.3	29.5	1.0	0.0%
8:00 AM	10	29.0	6.4	0.3	31.1	1.6	0.0%
7:15 AM	Avg	30.0	7.5	0.3	40.6	1.6	0.0%
7:30 AM	Avg	30.0	6.4	0.3	30.9	1.3	0.0%
7:45 AM	Avg	30.0	6.8	0.3	39.4	1.7	0.0%
8:00 AM	Avg	29.0	6.7	0.3	36.5	1.4	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
7:15 AM	1	30.0	14.1	0.5	87.2	3.0	0.0%
7:15 AM	2	30.0	9.3	0.4	54.9	2.0	0.0%
7:15 AM	3	30.0	8.0	0.3	41.1	1.5	0.0%
7:15 AM	4	30.0	19.5	0.7	93.6	3.0	0.0%
7:15 AM	5	30.0	8.9	0.4	32.2	1.0	0.0%
7:15 AM	6	30.0	5.3	0.3	33.7	1.5	0.0%
7:15 AM	7	30.0	4.2	0.1	32.9	1.0	0.0%
7:15 AM	8	30.0	11.1	0.4	35.2	1.5	0.0%
7:15 AM	9	30.0	12.0	0.5	55.6	2.0	0.0%
7:15 AM	10	30.0	5.5	0.2	48.5	1.5	0.0%
7:30 AM	1	30.0	9.1	0.4	42.6	2.0	0.0%
7:30 AM	2	30.0	12.1	0.5	58.7	2.0	0.0%
7:30 AM	3	30.0	11.1	0.4	81.9	3.0	0.0%
7:30 AM	4	30.0	12.4	0.5	51.7	2.0	0.0%
7:30 AM	5	30.0	6.9	0.3	35.5	1.5	0.0%
7:30 AM	6	30.0	16.9	0.7	62.3	2.0	0.0%
7:30 AM	7	30.0	11.4	0.4	62.1	2.1	0.0%
7:30 AM	8	30.0	2.4	0.1	17.9	1.0	0.0%
7:30 AM	9	30.0	12.1	0.5	68.8	2.5	0.0%
7:30 AM	10	30.0	8.5	0.4	44.8	2.0	0.0%
7:45 AM	1	30.0	6.4	0.3	50.1	2.0	0.0%
7:45 AM	2	30.0	6.4	0.2	38.0	1.0	0.0%
7:45 AM	3	30.0	8.5	0.3	40.8	1.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	8.4	0.3	50.7	2.0	0.0%
7:45 AM	5	30.0	8.2	0.2	62.4	2.0	0.0%
7:45 AM	6	30.0	6.2	0.3	45.1	1.5	0.0%
7:45 AM	7	30.0	12.9	0.5	58.0	2.0	0.0%
7:45 AM	8	30.0	4.8	0.2	21.7	1.0	0.0%
7:45 AM	9	30.0	20.2	0.6	102.7	3.0	0.0%
7:45 AM	10	30.0	5.1	0.2	35.7	1.0	0.0%
8:00 AM	1	29.0	9.8	0.4	49.5	2.0	0.0%
8:00 AM	2	29.0	21.8	0.8	97.7	3.2	0.0%
8:00 AM	3	29.0	13.5	0.5	74.4	3.0	0.0%
8:00 AM	4	29.0	18.3	0.6	111.4	3.6	0.0%
8:00 AM	5	29.0	6.7	0.3	39.7	1.6	0.0%
8:00 AM	6	29.0	10.9	0.5	56.5	2.6	0.0%
8:00 AM	7	29.0	9.2	0.3	47.1	1.6	0.0%
8:00 AM	8	29.0	8.6	0.4	44.6	2.0	0.0%
8:00 AM	9	29.0	4.5	0.2	25.4	1.0	0.0%
8:00 AM	10	29.0	9.4	0.4	40.1	1.6	0.0%
7:15 AM	Avg	30.0	9.8	0.4	51.5	1.8	0.0%
7:30 AM	Avg	30.0	10.3	0.4	52.6	2.0	0.0%
7:45 AM	Avg	30.0	8.7	0.3	50.5	1.7	0.0%
8:00 AM	Avg	29.0	11.3	0.4	58.6	2.2	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
7:15 AM	1	30.0	34.3	1.3	148.1	4.5	0.0%
7:15 AM	2	30.0	91.6	3.2	238.1	8.1	0.0%
7:15 AM	3	30.0	157.9	5.4	303.0	10.0	0.0%
7:15 AM	4	30.0	48.8	1.9	165.8	5.5	0.0%
7:15 AM	5	30.0	51.9	2.0	175.2	6.1	0.0%
7:15 AM	6	30.0	46.2	1.8	127.8	5.0	0.0%
7:15 AM	7	30.0	106.7	3.7	258.0	9.1	0.0%
7:15 AM	8	30.0	34.3	1.4	120.5	4.5	0.0%
7:15 AM	9	30.0	65.0	2.3	203.8	7.5	0.0%
7:15 AM	10	30.0	67.1	2.5	167.3	6.0	0.0%
7:30 AM	1	30.0	35.7	1.5	141.2	5.1	0.0%
7:30 AM	2	30.0	55.9	1.9	199.6	6.5	0.0%
7:30 AM	3	30.0	34.0	1.4	125.8	4.5	0.0%
7:30 AM	4	30.0	51.9	1.8	221.1	6.7	0.0%
7:30 AM	5	30.0	57.4	2.1	165.8	5.0	0.0%
7:30 AM	6	30.0	27.3	1.1	77.0	3.0	0.0%
7:30 AM	7	30.0	169.2	5.9	346.0	12.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	43.4	1.6	150.2	4.5	0.0%
7:30 AM	9	30.0	107.3	3.8	306.1	11.1	0.0%
7:30 AM	10	30.0	52.2	1.9	200.9	7.1	0.0%
7:45 AM	1	30.0	84.5	2.9	266.0	9.5	0.0%
7:45 AM	2	30.0	63.1	2.3	188.2	6.5	0.0%
7:45 AM	3	30.0	65.6	2.3	165.8	5.0	0.0%
7:45 AM	4	30.0	44.3	1.7	132.6	5.0	0.0%
7:45 AM	5	30.0	43.2	1.7	129.0	5.0	0.0%
7:45 AM	6	30.0	45.1	1.6	154.2	5.1	0.0%
7:45 AM	7	30.0	188.2	6.9	367.0	13.5	0.0%
7:45 AM	8	30.0	107.6	3.7	293.1	9.5	0.0%
7:45 AM	9	30.0	112.1	3.7	259.9	9.0	0.0%
7:45 AM	10	30.0	131.7	4.7	356.9	12.5	0.0%
8:00 AM	1	29.0	161.5	5.3	384.6	12.6	0.0%
8:00 AM	2	29.0	108.3	3.3	279.7	8.6	0.0%
8:00 AM	3	29.0	58.3	2.2	184.2	6.0	0.0%
8:00 AM	4	29.0	38.7	1.6	97.4	4.0	0.0%
8:00 AM	5	29.0	40.0	1.7	122.4	5.0	0.0%
8:00 AM	6	29.0	37.9	1.5	103.6	4.0	0.0%
8:00 AM	7	29.0	105.2	3.6	263.6	9.2	0.0%
8:00 AM	8	29.0	64.2	2.6	194.6	7.6	0.0%
8:00 AM	9	29.0	42.8	1.7	127.8	5.0	0.0%
8:00 AM	10	29.0	75.8	2.6	235.7	8.0	0.0%
7:15 AM	Avg	30.0	70.4	2.6	190.8	6.6	0.0%
7:30 AM	Avg	30.0	63.4	2.3	193.4	6.6	0.0%
7:45 AM	Avg	30.0	88.5	3.2	231.3	8.1	0.0%
8:00 AM	Avg	29.0	73.3	2.6	199.4	7.0	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
7:15 AM	1	30.0	1.0	0.1	5.8	0.5	0.0%
7:15 AM	2	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	3	30.0	3.1	0.2	17.9	1.0	0.0%
7:15 AM	4	30.0	3.2	0.1	17.2	1.0	0.0%
7:15 AM	5	30.0	5.7	0.3	31.5	1.5	0.0%
7:15 AM	6	30.0	3.6	0.2	18.5	1.0	0.0%
7:15 AM	7	30.0	2.9	0.2	16.8	1.0	0.0%
7:15 AM	8	30.0	4.0	0.2	17.2	1.0	0.0%
7:15 AM	9	30.0	3.2	0.2	18.8	1.0	0.0%
7:15 AM	10	30.0	5.3	0.3	34.3	1.0	0.0%
7:30 AM	1	30.0	2.3	0.1	17.6	1.0	0.0%
7:30 AM	2	30.0	5.8	0.2	18.6	1.0	0.0%
7:30 AM	3	30.0	6.0	0.3	37.8	1.5	0.0%
7:30 AM	4	30.0	3.3	0.2	20.6	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	3.0	0.1	21.9	1.1	0.0%
7:30 AM	6	30.0	4.2	0.2	16.3	1.0	0.0%
7:30 AM	7	30.0	5.3	0.3	22.5	1.0	0.0%
7:30 AM	8	30.0	3.0	0.2	17.2	1.0	0.0%
7:30 AM	9	30.0	2.3	0.1	14.9	1.0	0.0%
7:30 AM	10	30.0	1.4	0.1	8.3	0.5	0.0%
7:45 AM	1	30.0	1.4	0.1	10.0	0.5	0.0%
7:45 AM	2	30.0	5.1	0.2	35.4	1.0	0.0%
7:45 AM	3	30.0	3.8	0.2	23.1	1.0	0.0%
7:45 AM	4	30.0	1.8	0.1	17.1	1.0	0.0%
7:45 AM	5	30.0	5.0	0.2	33.6	1.5	0.0%
7:45 AM	6	30.0	4.5	0.2	22.1	1.0	0.0%
7:45 AM	7	30.0	4.0	0.2	16.8	1.0	0.0%
7:45 AM	8	30.0	2.3	0.1	17.2	1.0	0.0%
7:45 AM	9	30.0	1.3	0.1	7.9	0.5	0.0%
7:45 AM	10	30.0	1.8	0.1	14.3	1.0	0.0%
8:00 AM	1	29.0	5.7	0.3	17.5	1.0	0.0%
8:00 AM	2	29.0	8.2	0.2	50.9	1.0	0.0%
8:00 AM	3	29.0	5.0	0.3	18.9	1.0	0.0%
8:00 AM	4	29.0	1.1	0.1	9.9	0.6	0.0%
8:00 AM	5	29.0	4.2	0.2	20.2	1.0	0.0%
8:00 AM	6	29.0	5.3	0.2	18.5	1.0	0.0%
8:00 AM	7	29.0	3.2	0.2	19.8	1.0	0.0%
8:00 AM	8	29.0	6.3	0.3	29.0	1.6	0.0%
8:00 AM	9	29.0	4.6	0.2	20.0	1.0	0.0%
8:00 AM	10	29.0	4.9	0.2	17.6	1.0	0.0%
7:15 AM	Avg	30.0	3.3	0.2	17.8	0.9	0.0%
7:30 AM	Avg	30.0	3.7	0.2	19.6	1.0	0.0%
7:45 AM	Avg	30.0	3.1	0.2	19.8	1.0	0.0%
8:00 AM	Avg	29.0	4.9	0.2	22.2	1.0	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274811

7:15 AM	1	30.0	4.0	0.2	24.1	1.1	0.0%
7:15 AM	2	30.0	10.0	0.4	64.0	1.5	0.0%
7:15 AM	3	30.0	5.0	0.2	21.7	1.0	0.0%
7:15 AM	4	30.0	3.9	0.2	17.8	1.0	0.0%
7:15 AM	5	30.0	5.8	0.3	24.0	1.0	0.0%
7:15 AM	6	30.0	7.0	0.3	35.8	1.5	0.0%
7:15 AM	7	30.0	8.8	0.3	44.1	1.5	0.0%
7:15 AM	8	30.0	11.0	0.4	62.5	2.0	0.0%
7:15 AM	9	30.0	5.2	0.3	21.4	1.0	0.0%
7:15 AM	10	30.0	13.9	0.5	71.3	2.0	0.0%
7:30 AM	1	30.0	8.0	0.4	38.1	1.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	15.3	0.5	79.5	2.0	0.0%
7:30 AM	3	30.0	6.6	0.3	38.3	1.5	0.0%
7:30 AM	4	30.0	4.8	0.2	26.2	1.0	0.0%
7:30 AM	5	30.0	5.5	0.3	24.6	1.0	0.0%
7:30 AM	6	30.0	12.0	0.4	62.1	1.5	0.0%
7:30 AM	7	30.0	4.7	0.2	31.7	1.5	0.0%
7:30 AM	8	30.0	5.5	0.3	32.8	1.5	0.0%
7:30 AM	9	30.0	11.4	0.4	74.1	2.5	0.0%
7:30 AM	10	30.0	5.0	0.2	34.6	1.5	0.0%
7:45 AM	1	30.0	8.8	0.4	47.2	2.0	0.0%
7:45 AM	2	30.0	7.8	0.3	52.5	2.5	0.0%
7:45 AM	3	30.0	6.5	0.2	37.3	1.0	0.0%
7:45 AM	4	30.0	1.6	0.1	15.9	1.0	0.0%
7:45 AM	5	30.0	11.6	0.4	55.8	1.5	0.0%
7:45 AM	6	30.0	8.0	0.3	55.2	2.0	0.0%
7:45 AM	7	30.0	5.9	0.2	36.7	1.0	0.0%
7:45 AM	8	30.0	6.8	0.3	42.8	2.0	0.0%
7:45 AM	9	30.0	4.1	0.2	24.9	1.0	0.0%
7:45 AM	10	30.0	12.0	0.5	54.4	2.0	0.0%
8:00 AM	1	29.0	8.2	0.4	44.5	2.0	0.0%
8:00 AM	2	29.0	8.0	0.3	60.1	2.6	0.0%
8:00 AM	3	29.0	5.4	0.3	18.5	1.0	0.0%
8:00 AM	4	29.0	6.1	0.3	28.8	1.0	0.0%
8:00 AM	5	29.0	8.7	0.3	61.4	2.6	0.0%
8:00 AM	6	29.0	4.8	0.2	19.4	1.0	0.0%
8:00 AM	7	29.0	11.2	0.3	69.0	1.6	0.0%
8:00 AM	8	29.0	16.4	0.6	91.2	2.6	0.0%
8:00 AM	9	29.0	8.4	0.4	43.5	1.6	0.0%
8:00 AM	10	29.0	2.4	0.1	17.3	1.0	0.0%
7:15 AM	Avg	30.0	7.5	0.3	38.7	1.4	0.0%
7:30 AM	Avg	30.0	7.9	0.3	44.2	1.6	0.0%
7:45 AM	Avg	30.0	7.3	0.3	42.3	1.6	0.0%
8:00 AM	Avg	29.0	8.0	0.3	45.4	1.7	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

7:15 AM	1	30.0	7.0	0.3	36.5	1.5	0.0%
7:15 AM	2	30.0	6.8	0.4	29.9	1.5	0.0%
7:15 AM	3	30.0	6.4	0.3	46.1	2.0	0.0%
7:15 AM	4	30.0	5.9	0.3	21.4	1.0	0.0%
7:15 AM	5	30.0	6.6	0.2	54.7	2.0	0.0%
7:15 AM	6	30.0	12.7	0.6	46.7	2.0	0.0%
7:15 AM	7	30.0	6.2	0.3	41.2	2.0	0.0%
7:15 AM	8	30.0	4.9	0.2	35.6	1.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	5.8	0.2	30.4	1.0	0.0%
7:15 AM	10	30.0	5.3	0.3	20.4	1.0	0.0%
7:30 AM	1	30.0	9.3	0.5	41.9	2.0	0.0%
7:30 AM	2	30.0	3.9	0.2	20.5	1.0	0.0%
7:30 AM	3	30.0	8.2	0.4	43.4	2.0	0.0%
7:30 AM	4	30.0	8.9	0.4	38.1	1.5	0.0%
7:30 AM	5	30.0	2.9	0.2	18.9	1.0	0.0%
7:30 AM	6	30.0	3.0	0.1	15.2	1.0	0.0%
7:30 AM	7	30.0	5.2	0.3	33.8	1.5	0.0%
7:30 AM	8	30.0	11.6	0.5	61.5	2.5	0.0%
7:30 AM	9	30.0	9.6	0.4	45.2	2.0	0.0%
7:30 AM	10	30.0	6.1	0.3	21.5	1.0	0.0%
7:45 AM	1	30.0	6.6	0.3	36.3	1.5	0.0%
7:45 AM	2	30.0	5.8	0.3	24.0	1.0	0.0%
7:45 AM	3	30.0	9.7	0.4	61.7	2.1	0.0%
7:45 AM	4	30.0	4.7	0.2	23.8	1.0	0.0%
7:45 AM	5	30.0	7.0	0.4	22.5	1.0	0.0%
7:45 AM	6	30.0	7.8	0.3	25.3	1.0	0.0%
7:45 AM	7	30.0	12.7	0.5	65.5	2.0	0.0%
7:45 AM	8	30.0	10.2	0.5	50.8	2.0	0.0%
7:45 AM	9	30.0	11.7	0.5	58.7	2.5	0.0%
7:45 AM	10	30.0	6.3	0.3	25.9	1.0	0.0%
8:00 AM	1	29.0	9.0	0.5	29.7	1.6	0.0%
8:00 AM	2	29.0	6.6	0.3	33.9	1.6	0.0%
8:00 AM	3	29.0	5.5	0.2	35.0	1.0	0.0%
8:00 AM	4	29.0	4.3	0.2	25.5	1.0	0.0%
8:00 AM	5	29.0	7.0	0.3	34.9	1.6	0.0%
8:00 AM	6	29.0	11.4	0.5	41.7	2.0	0.0%
8:00 AM	7	29.0	8.7	0.3	47.8	2.0	0.0%
8:00 AM	8	29.0	3.2	0.2	20.5	1.0	0.0%
8:00 AM	9	29.0	4.4	0.2	21.8	1.0	0.0%
8:00 AM	10	29.0	11.0	0.5	54.2	2.0	0.0%
7:15 AM	Avg	30.0	6.8	0.3	36.3	1.6	0.0%
7:30 AM	Avg	30.0	6.9	0.3	34.0	1.6	0.0%
7:45 AM	Avg	30.0	8.3	0.4	39.5	1.5	0.0%
8:00 AM	Avg	29.0	7.1	0.3	34.5	1.5	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

7:15 AM	1	30.0	5.0	0.2	30.0	1.0	0.0%
7:15 AM	2	30.0	6.2	0.3	37.9	1.5	0.0%
7:15 AM	3	30.0	2.4	0.1	21.3	1.0	0.0%
7:15 AM	4	30.0	3.6	0.2	19.0	1.0	0.0%
7:15 AM	5	30.0	2.7	0.1	16.5	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	11.0	0.4	43.0	1.0	0.0%
7:15 AM	7	30.0	4.6	0.3	18.5	1.0	0.0%
7:15 AM	8	30.0	1.8	0.1	16.8	1.0	0.0%
7:15 AM	9	30.0	3.1	0.1	17.9	1.0	0.0%
7:15 AM	10	30.0	3.0	0.2	17.5	1.0	0.0%
7:30 AM	1	30.0	5.8	0.3	21.4	1.0	0.0%
7:30 AM	2	30.0	2.7	0.1	21.8	1.0	0.0%
7:30 AM	3	30.0	6.1	0.3	27.6	1.0	0.0%
7:30 AM	4	30.0	4.9	0.2	24.2	1.0	0.0%
7:30 AM	5	30.0	1.1	0.1	8.7	0.5	0.0%
7:30 AM	6	30.0	4.8	0.2	21.8	1.0	0.0%
7:30 AM	7	30.0	4.7	0.2	19.1	1.0	0.0%
7:30 AM	8	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	1.3	0.1	9.2	0.5	0.0%
7:30 AM	10	30.0	6.2	0.3	25.6	1.0	0.0%
7:45 AM	1	30.0	4.2	0.2	22.4	1.0	0.0%
7:45 AM	2	30.0	4.0	0.1	17.0	1.0	0.0%
7:45 AM	3	30.0	1.2	0.1	9.8	0.5	0.0%
7:45 AM	4	30.0	3.4	0.2	19.4	1.0	0.0%
7:45 AM	5	30.0	5.2	0.2	36.4	1.5	0.0%
7:45 AM	6	30.0	5.4	0.3	27.7	1.5	0.0%
7:45 AM	7	30.0	4.3	0.2	20.1	1.0	0.0%
7:45 AM	8	30.0	2.7	0.1	17.5	1.0	0.0%
7:45 AM	9	30.0	7.5	0.3	38.2	1.5	0.0%
7:45 AM	10	30.0	2.2	0.1	15.9	1.0	0.0%
8:00 AM	1	29.0	5.8	0.3	27.4	1.0	0.0%
8:00 AM	2	29.0	6.4	0.3	39.9	1.6	0.0%
8:00 AM	3	29.0	8.9	0.4	45.9	1.6	0.0%
8:00 AM	4	29.0	3.1	0.2	17.2	1.0	0.0%
8:00 AM	5	29.0	1.6	0.1	15.6	1.0	0.0%
8:00 AM	6	29.0	2.9	0.1	17.8	1.0	0.0%
8:00 AM	7	29.0	4.3	0.2	21.4	1.0	0.0%
8:00 AM	8	29.0	4.6	0.2	19.9	1.0	0.0%
8:00 AM	9	29.0	3.7	0.2	20.6	1.0	0.0%
8:00 AM	10	29.0	3.9	0.2	19.8	1.0	0.0%
7:15 AM	Avg	30.0	4.3	0.2	23.8	1.1	0.0%
7:30 AM	Avg	30.0	3.8	0.2	17.9	0.8	0.0%
7:45 AM	Avg	30.0	4.0	0.2	22.4	1.1	0.0%
8:00 AM	Avg	29.0	4.5	0.2	24.6	1.1	0.0%
WB R on LAKE AVE NW - Lane ID 274842							
7:15 AM	1	30.0	4.7	0.2	21.6	1.0	0.0%
7:15 AM	2	30.0	2.2	0.1	21.0	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	4.2	0.2	33.6	1.5	0.0%
7:15 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	2.7	0.1	15.0	1.0	0.0%
7:15 AM	6	30.0	1.3	0.1	8.6	0.5	0.0%
7:15 AM	7	30.0	11.0	0.3	62.1	2.0	0.0%
7:15 AM	8	30.0	3.0	0.1	14.5	1.0	0.0%
7:15 AM	9	30.0	3.2	0.1	22.2	1.0	0.0%
7:15 AM	10	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	6.4	0.3	22.9	1.0	0.0%
7:30 AM	2	30.0	2.1	0.1	16.3	1.0	0.0%
7:30 AM	3	30.0	4.2	0.2	23.5	1.0	0.0%
7:30 AM	4	30.0	6.3	0.3	32.8	1.5	0.0%
7:30 AM	5	30.0	3.8	0.2	19.8	1.0	0.0%
7:30 AM	6	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	1.8	0.1	7.7	0.5	0.0%
7:30 AM	8	30.0	5.8	0.3	35.4	1.5	0.0%
7:30 AM	9	30.0	9.2	0.2	35.3	1.5	0.0%
7:30 AM	10	30.0	2.6	0.1	17.5	1.0	0.0%
7:45 AM	1	30.0	3.7	0.1	24.7	1.0	0.0%
7:45 AM	2	30.0	10.5	0.3	76.4	2.0	0.0%
7:45 AM	3	30.0	5.6	0.2	44.8	2.0	0.0%
7:45 AM	4	30.0	6.8	0.2	26.5	1.0	0.0%
7:45 AM	5	30.0	4.7	0.2	36.2	1.5	0.0%
7:45 AM	6	30.0	1.7	0.1	0.0	0.0	0.0%
7:45 AM	7	30.0	4.1	0.2	19.5	1.0	0.0%
7:45 AM	8	30.0	2.3	0.1	17.4	1.0	0.0%
7:45 AM	9	30.0	0.8	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	9.5	0.3	22.3	1.0	0.0%
8:00 AM	1	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	6.5	0.3	39.0	1.6	0.0%
8:00 AM	3	29.0	5.5	0.3	35.2	1.6	0.0%
8:00 AM	4	29.0	3.0	0.1	9.3	0.6	0.0%
8:00 AM	5	29.0	2.5	0.2	12.6	1.0	0.0%
8:00 AM	6	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	9.0	0.4	46.1	2.0	0.0%
8:00 AM	8	29.0	6.2	0.2	37.3	1.0	0.0%
8:00 AM	9	29.0	5.3	0.3	31.3	1.6	0.0%
8:00 AM	10	29.0	1.8	0.1	11.6	0.6	0.0%
7:15 AM	Avg	30.0	3.3	0.1	19.9	0.9	0.0%
7:30 AM	Avg	30.0	4.3	0.2	21.1	1.0	0.0%
7:45 AM	Avg	30.0	5.0	0.2	26.8	1.1	0.0%
8:00 AM	Avg	29.0	4.1	0.2	22.2	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB R on LAKE AVE NW - Lane ID 274843							
7:15 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	1.0	0.0	0.0	0.0	0.0%
7:15 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	0.8	0.1	3.3	0.5	0.0%
7:15 AM	8	30.0	1.7	0.0	0.0	0.0	0.0%
7:15 AM	9	30.0	0.9	0.0	0.0	0.0	0.0%
7:15 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.8	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	0.9	0.1	7.2	0.5	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	0.8	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	6	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	8	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	Avg	30.0	0.4	0.0	0.3	0.1	0.0%
7:30 AM	Avg	30.0	0.1	0.0	0.0	0.0	0.0%
7:45 AM	Avg	30.0	0.2	0.0	0.7	0.1	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	0.0	0.0	0.0	0.0	0.0%

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	1.3	1.0	0.0	3.6	10
7:30 AM	0.9	0.9	0.0	2.3	10
7:45 AM	1.2	1.2	0.0	4.0	10
8:00 AM	1.0	1.2	0.0	3.7	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	2.2	1.4	0.5	4.7	10
7:30 AM	1.5	1.3	0.0	4.4	10
7:45 AM	2.2	1.6	0.0	5.6	10
8:00 AM	2.3	1.8	0.5	5.9	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	4.8	1.6	2.0	7.6	10
7:30 AM	5.8	2.6	3.1	10.5	10
7:45 AM	4.5	1.6	2.4	7.8	10
8:00 AM	5.5	1.4	4.0	8.2	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	7.5	2.6	4.2	13.0	10
7:30 AM	6.4	2.9	2.0	12.0	10
7:45 AM	6.8	3.1	2.1	10.9	10
8:00 AM	6.7	2.7	3.7	10.6	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	9.8	4.6	4.2	19.5	10
7:30 AM	10.3	3.9	2.4	16.9	10
7:45 AM	8.7	4.7	4.8	20.2	10
8:00 AM	11.3	5.3	4.5	21.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	70.4	38.7	34.3	157.9	10
7:30 AM	63.4	43.2	27.3	169.2	10
7:45 AM	88.5	46.9	43.2	188.2	10
8:00 AM	73.3	40.6	37.9	161.5	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	3.3	1.6	0.6	5.7	10
7:30 AM	3.7	1.6	1.4	6.0	10
7:45 AM	3.1	1.5	1.3	5.1	10
8:00 AM	4.9	1.9	1.1	8.2	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	7.5	3.4	3.9	13.9	10
7:30 AM	7.9	3.7	4.7	15.3	10
7:45 AM	7.3	3.1	1.6	12.0	10
8:00 AM	8.0	3.9	2.4	16.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	6.8	2.2	4.9	12.7	10
7:30 AM	6.9	3.1	2.9	11.6	10
7:45 AM	8.3	2.7	4.7	12.7	10
8:00 AM	7.1	2.8	3.2	11.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	4.3	2.7	1.8	11.0	10
7:30 AM	3.8	2.2	0.5	6.2	10
7:45 AM	4.0	1.8	1.2	7.5	10
8:00 AM	4.5	2.1	1.6	8.9	10
WB R on LAKE AVE NW - Lane ID 274842					
7:15 AM	3.3	3.1	0.0	11.0	10
7:30 AM	4.3	2.6	0.6	9.2	10
7:45 AM	5.0	3.2	0.8	10.5	10
8:00 AM	4.1	2.8	0.5	9.0	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.4	0.6	0.0	1.7	10
7:30 AM	0.1	0.3	0.0	0.8	10
7:45 AM	0.2	0.4	0.0	0.9	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.0	0.1	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.0	0.0	0.0	0.1	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.3	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.2	0.1	0.1	0.4	10
8:00 AM	0.3	0.1	0.2	0.3	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.3	0.1	0.2	0.5	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.3	0.1	0.1	0.5	10
8:00 AM	0.3	0.1	0.2	0.4	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.4	0.2	0.1	0.7	10
7:30 AM	0.4	0.2	0.1	0.7	10
7:45 AM	0.3	0.1	0.2	0.6	10
8:00 AM	0.4	0.2	0.2	0.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	2.6	1.3	1.3	5.4	10
7:30 AM	2.3	1.5	1.1	5.9	10
7:45 AM	3.2	1.7	1.6	6.9	10
8:00 AM	2.6	1.2	1.5	5.3	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.2	0.1	0.0	0.3	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.2	0.1	0.1	0.2	10
8:00 AM	0.2	0.1	0.1	0.3	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.3	0.1	0.2	0.5	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.3	0.1	0.1	0.5	10
8:00 AM	0.3	0.1	0.1	0.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.3	0.1	0.2	0.6	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.4	0.1	0.2	0.5	10
8:00 AM	0.3	0.1	0.2	0.5	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.2	0.1	0.0	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.4	10
WB R on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.2	0.1	0.0	0.3	10
7:45 AM	0.2	0.1	0.0	0.3	10
8:00 AM	0.2	0.1	0.0	0.4	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	6.7	6.9	0.0	18.5	10
7:30 AM	4.4	7.4	0.0	18.0	10
7:45 AM	6.9	8.0	0.0	19.5	10
8:00 AM	5.1	8.3	0.0	19.4	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	11.2	8.0	0.0	24.2	10
7:30 AM	8.7	8.3	0.0	18.0	10
7:45 AM	12.5	10.7	0.0	33.6	10
8:00 AM	10.8	7.7	0.0	24.8	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	26.9	8.6	14.9	41.3	10
7:30 AM	27.0	15.4	16.0	65.3	10
7:45 AM	24.6	6.9	16.8	34.4	10
8:00 AM	24.3	8.1	16.5	41.4	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	40.6	15.2	19.4	68.3	10
7:30 AM	30.9	13.2	8.1	51.2	10
7:45 AM	39.4	20.1	9.1	66.8	10
8:00 AM	36.5	16.4	16.6	63.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	51.5	22.3	32.2	93.6	10
7:30 AM	52.6	18.3	17.9	81.9	10
7:45 AM	50.5	21.7	21.7	102.7	10
8:00 AM	58.6	27.5	25.4	111.4	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	190.8	59.3	120.5	303.0	10
7:30 AM	193.4	81.9	77.0	346.0	10
7:45 AM	231.3	89.6	129.0	367.0	10
8:00 AM	199.4	92.5	97.4	384.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	17.8	10.1	0.0	34.3	10
7:30 AM	19.6	7.6	8.3	37.8	10
7:45 AM	19.8	9.1	7.9	35.4	10
8:00 AM	22.2	11.1	9.9	50.9	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	38.7	20.4	17.8	71.3	10
7:30 AM	44.2	20.1	24.6	79.5	10
7:45 AM	42.3	13.7	15.9	55.8	10
8:00 AM	45.4	24.9	17.3	91.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	36.3	11.1	20.4	54.7	10
7:30 AM	34.0	14.8	15.2	61.5	10
7:45 AM	39.5	17.8	22.5	65.5	10
8:00 AM	34.5	10.9	20.5	54.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	23.8	9.7	16.5	43.0	10
7:30 AM	17.9	8.9	0.0	27.6	10
7:45 AM	22.4	9.1	9.8	38.2	10
8:00 AM	24.6	10.3	15.6	45.9	10
WB R on LAKE AVE NW - Lane ID 274842					
7:15 AM	19.9	18.1	0.0	62.1	10
7:30 AM	21.1	11.6	0.0	35.4	10
7:45 AM	26.8	22.3	0.0	76.4	10
8:00 AM	22.2	17.3	0.0	46.1	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.3	1.0	0.0	3.3	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.7	2.3	0.0	7.2	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.4	0.4	0.0	1.0	10
7:30 AM	0.3	0.4	0.0	1.0	10
7:45 AM	0.4	0.5	0.0	1.0	10
8:00 AM	0.3	0.5	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.6	0.4	0.0	1.0	10
7:30 AM	0.6	0.5	0.0	1.0	10
7:45 AM	0.6	0.4	0.0	1.0	10
8:00 AM	0.6	0.4	0.0	1.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	1.3	0.3	1.0	2.0	10
7:30 AM	1.2	0.3	1.0	2.0	10
7:45 AM	1.2	0.2	1.0	1.5	10
8:00 AM	1.1	0.2	1.0	1.6	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	1.6	0.6	1.0	2.5	10
7:30 AM	1.3	0.5	0.5	2.1	10
7:45 AM	1.7	0.7	0.5	3.0	10
8:00 AM	1.4	0.5	1.0	2.2	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	1.8	0.7	1.0	3.0	10
7:30 AM	2.0	0.5	1.0	3.0	10
7:45 AM	1.7	0.6	1.0	3.0	10
8:00 AM	2.2	0.8	1.0	3.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	6.6	1.9	4.5	10.0	10
7:30 AM	6.6	3.0	3.0	12.5	10
7:45 AM	8.1	3.2	5.0	13.5	10
8:00 AM	7.0	2.7	4.0	12.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.9	0.4	0.0	1.5	10
7:30 AM	1.0	0.2	0.5	1.5	10
7:45 AM	1.0	0.3	0.5	1.5	10
8:00 AM	1.0	0.2	0.6	1.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	1.4	0.4	1.0	2.0	10
7:30 AM	1.6	0.4	1.0	2.5	10
7:45 AM	1.6	0.6	1.0	2.5	10
8:00 AM	1.7	0.7	1.0	2.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	1.6	0.4	1.0	2.0	10
7:30 AM	1.6	0.6	1.0	2.5	10
7:45 AM	1.5	0.6	1.0	2.5	10
8:00 AM	1.5	0.4	1.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	1.1	0.2	1.0	1.5	10
7:30 AM	0.8	0.3	0.0	1.0	10
7:45 AM	1.1	0.3	0.5	1.5	10
8:00 AM	1.1	0.3	1.0	1.6	10
WB R on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.9	0.6	0.0	2.0	10
7:30 AM	1.0	0.5	0.0	1.5	10
7:45 AM	1.1	0.7	0.0	2.0	10
8:00 AM	1.0	0.7	0.0	2.0	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.1	0.2	0.0	0.5	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.1	0.2	0.0	0.5	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	1	77.0	0.10	2.5	A
3:30 PM	2	77.0	0.10	2.4	A
3:30 PM	3	76.0	0.10	2.8	A
3:30 PM	4	75.0	0.10	3.1	A
3:30 PM	5	77.0	0.00	2.0	A
3:30 PM	6	81.0	0.10	2.6	A
3:30 PM	7	77.0	0.10	3.0	A
3:30 PM	8	76.0	0.10	3.0	A
3:30 PM	9	77.0	0.10	2.8	A
3:30 PM	10	77.0	0.10	3.0	A
3:45 PM	1	78.0	0.10	2.9	A
3:45 PM	2	77.0	0.10	2.8	A
3:45 PM	3	77.0	0.10	2.4	A
3:45 PM	4	79.0	0.10	2.7	A
3:45 PM	5	78.0	0.10	2.9	A
3:45 PM	6	77.0	0.10	2.8	A
3:45 PM	7	79.0	0.10	2.8	A
3:45 PM	8	77.0	0.10	2.9	A
3:45 PM	9	78.0	0.10	3.4	A
3:45 PM	10	79.0	0.10	2.7	A
4:00 PM	1	77.0	0.00	2.1	A
4:00 PM	2	77.0	0.10	2.4	A
4:00 PM	3	79.0	0.10	2.3	A
4:00 PM	4	76.0	0.10	2.4	A
4:00 PM	5	75.0	0.10	2.6	A
4:00 PM	6	77.0	0.10	2.8	A
4:00 PM	7	75.0	0.10	2.8	A
4:00 PM	8	78.0	0.10	2.9	A
4:00 PM	9	77.0	0.10	3.5	A
4:00 PM	10	75.0	0.10	2.9	A
4:15 PM	1	77.0	0.10	2.6	A
4:15 PM	2	77.0	0.10	2.6	A
4:15 PM	3	77.0	0.10	2.9	A
4:15 PM	4	79.0	0.10	2.5	A
4:15 PM	5	78.0	0.10	2.7	A
4:15 PM	6	77.0	0.00	2.0	A
4:15 PM	7	78.0	0.10	2.9	A
4:15 PM	8	79.0	0.10	3.1	A
4:15 PM	9	76.0	0.10	3.0	A
4:15 PM	10	79.0	0.10	2.7	A
3:30 PM	Avg	77.0	0.09	2.7	A
3:45 PM	Avg	77.9	0.10	2.8	A
4:00 PM	Avg	76.6	0.09	2.7	A

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	77.7	0.09	2.7	A
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	1	135.0	0.10	3.8	A
3:30 PM	2	136.0	0.10	3.4	A
3:30 PM	3	135.0	0.10	3.5	A
3:30 PM	4	134.0	0.20	4.1	A
3:30 PM	5	135.0	0.10	3.1	A
3:30 PM	6	137.0	0.10	3.7	A
3:30 PM	7	136.0	0.10	3.7	A
3:30 PM	8	133.0	0.10	3.1	A
3:30 PM	9	136.0	0.10	3.7	A
3:30 PM	10	134.0	0.20	4.5	A
3:45 PM	1	136.0	0.20	4.1	A
3:45 PM	2	135.0	0.10	3.2	A
3:45 PM	3	134.0	0.10	2.6	A
3:45 PM	4	136.0	0.20	4.0	A
3:45 PM	5	135.0	0.10	3.3	A
3:45 PM	6	136.0	0.10	3.4	A
3:45 PM	7	137.0	0.10	3.5	A
3:45 PM	8	134.0	0.10	3.6	A
3:45 PM	9	133.0	0.10	3.2	A
3:45 PM	10	134.0	0.10	3.0	A
4:00 PM	1	138.0	0.10	3.4	A
4:00 PM	2	136.0	0.10	3.3	A
4:00 PM	3	134.0	0.10	2.7	A
4:00 PM	4	137.0	0.10	2.7	A
4:00 PM	5	134.0	0.10	2.8	A
4:00 PM	6	134.0	0.10	4.0	A
4:00 PM	7	132.0	0.10	3.3	A
4:00 PM	8	136.0	0.20	4.1	A
4:00 PM	9	134.0	0.10	3.3	A
4:00 PM	10	136.0	0.10	3.4	A
4:15 PM	1	134.0	0.10	3.5	A
4:15 PM	2	136.0	0.10	3.2	A
4:15 PM	3	135.0	0.10	3.4	A
4:15 PM	4	135.0	0.10	2.9	A
4:15 PM	5	139.0	0.10	3.6	A
4:15 PM	6	135.0	0.10	3.5	A
4:15 PM	7	137.0	0.10	3.3	A
4:15 PM	8	136.0	0.10	3.2	A
4:15 PM	9	135.0	0.10	4.0	A
4:15 PM	10	136.0	0.10	3.6	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	135.1	0.12	3.7	A
3:45 PM	Avg	135.0	0.12	3.4	A
4:00 PM	Avg	135.1	0.11	3.3	A
4:15 PM	Avg	135.8	0.10	3.4	A
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	1	74.0	0.40	19.5	C
3:30 PM	2	69.0	0.40	19.9	C
3:30 PM	3	71.0	0.30	16.7	C
3:30 PM	4	75.0	0.50	24.7	C
3:30 PM	5	73.0	0.40	21.1	C
3:30 PM	6	74.0	0.30	14.7	B
3:30 PM	7	73.0	0.30	15.4	C
3:30 PM	8	68.0	0.30	15.6	C
3:30 PM	9	72.0	0.50	26.1	D
3:30 PM	10	75.0	0.40	20.5	C
3:45 PM	1	71.0	0.40	21.5	C
3:45 PM	2	76.0	0.70	34.8	D
3:45 PM	3	75.0	0.50	24.8	C
3:45 PM	4	71.0	0.30	16.6	C
3:45 PM	5	68.0	0.30	15.0	B
3:45 PM	6	69.0	0.50	23.5	C
3:45 PM	7	74.0	0.50	22.0	C
3:45 PM	8	78.0	0.70	30.1	D
3:45 PM	9	72.0	0.40	20.6	C
3:45 PM	10	71.0	0.40	20.0	C
4:00 PM	1	69.0	0.40	20.4	C
4:00 PM	2	72.0	0.60	28.1	D
4:00 PM	3	72.0	0.60	30.4	D
4:00 PM	4	75.0	0.40	17.5	C
4:00 PM	5	76.0	0.50	21.5	C
4:00 PM	6	76.0	0.40	17.7	C
4:00 PM	7	71.0	0.40	21.0	C
4:00 PM	8	71.0	0.40	20.6	C
4:00 PM	9	73.0	0.40	19.5	C
4:00 PM	10	71.0	0.40	22.2	C
4:15 PM	1	75.0	0.50	23.0	C
4:15 PM	2	71.0	0.30	13.3	B
4:15 PM	3	72.0	0.50	23.0	C
4:15 PM	4	68.0	0.60	32.0	D
4:15 PM	5	74.0	0.30	15.2	C
4:15 PM	6	71.0	0.50	24.8	C
4:15 PM	7	74.0	0.40	17.2	C

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	67.0	0.60	30.1	D
4:15 PM	9	74.0	0.50	23.3	C
4:15 PM	10	74.0	0.50	23.8	C
3:30 PM	Avg	72.4	0.38	19.4	C
3:45 PM	Avg	72.5	0.47	22.9	C
4:00 PM	Avg	72.6	0.45	21.9	C
4:15 PM	Avg	72.0	0.47	22.6	C
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	1	98.0	0.20	8.9	A
3:30 PM	2	102.0	0.20	8.5	A
3:30 PM	3	97.0	0.30	10.0	A
3:30 PM	4	99.0	0.30	9.3	A
3:30 PM	5	104.0	0.30	9.2	A
3:30 PM	6	101.0	0.20	7.7	A
3:30 PM	7	100.0	0.20	8.2	A
3:30 PM	8	100.0	0.20	9.0	A
3:30 PM	9	100.0	0.20	8.3	A
3:30 PM	10	103.0	0.30	9.6	A
3:45 PM	1	101.0	0.30	10.9	B
3:45 PM	2	98.0	0.30	9.5	A
3:45 PM	3	101.0	0.20	8.7	A
3:45 PM	4	100.0	0.20	8.7	A
3:45 PM	5	97.0	0.20	9.2	A
3:45 PM	6	99.0	0.20	9.0	A
3:45 PM	7	97.0	0.20	8.2	A
3:45 PM	8	98.0	0.20	8.4	A
3:45 PM	9	99.0	0.20	8.8	A
3:45 PM	10	99.0	0.30	9.2	A
4:00 PM	1	100.0	0.30	11.3	B
4:00 PM	2	100.0	0.20	8.6	A
4:00 PM	3	100.0	0.20	7.7	A
4:00 PM	4	99.0	0.30	9.2	A
4:00 PM	5	101.0	0.30	9.0	A
4:00 PM	6	100.0	0.30	11.3	B
4:00 PM	7	100.0	0.20	8.5	A
4:00 PM	8	100.0	0.20	9.0	A
4:00 PM	9	102.0	0.30	10.0	B
4:00 PM	10	100.0	0.30	9.6	A
4:15 PM	1	101.0	0.20	8.3	A
4:15 PM	2	100.0	0.20	8.1	A
4:15 PM	3	101.0	0.30	10.8	B
4:15 PM	4	101.0	0.20	7.5	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	99.0	0.20	7.8	A
4:15 PM	6	102.0	0.20	8.2	A
4:15 PM	7	101.0	0.20	8.3	A
4:15 PM	8	99.0	0.20	8.2	A
4:15 PM	9	99.0	0.20	7.7	A
4:15 PM	10	100.0	0.20	8.9	A
3:30 PM	Avg	100.4	0.24	8.9	A
3:45 PM	Avg	98.9	0.23	9.1	A
4:00 PM	Avg	100.2	0.26	9.4	A
4:15 PM	Avg	100.3	0.21	8.4	A
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	1	147.0	0.50	11.9	B
3:30 PM	2	150.0	0.40	9.6	A
3:30 PM	3	150.0	0.40	8.9	A
3:30 PM	4	150.0	0.40	8.5	A
3:30 PM	5	147.0	0.30	7.4	A
3:30 PM	6	147.0	0.50	11.3	B
3:30 PM	7	144.0	0.40	9.2	A
3:30 PM	8	149.0	0.40	8.9	A
3:30 PM	9	144.0	0.40	10.8	B
3:30 PM	10	144.0	0.40	9.4	A
3:45 PM	1	148.0	0.50	13.1	B
3:45 PM	2	147.0	0.30	7.2	A
3:45 PM	3	146.0	0.40	9.7	A
3:45 PM	4	146.0	0.50	11.5	B
3:45 PM	5	148.0	0.30	7.8	A
3:45 PM	6	148.0	0.40	10.5	B
3:45 PM	7	149.0	0.40	10.2	B
3:45 PM	8	145.0	0.30	8.3	A
3:45 PM	9	148.0	0.40	9.8	A
3:45 PM	10	150.0	0.40	10.4	B
4:00 PM	1	148.0	0.40	8.8	A
4:00 PM	2	145.0	0.40	8.9	A
4:00 PM	3	149.0	0.50	11.1	B
4:00 PM	4	151.0	0.40	8.7	A
4:00 PM	5	147.0	0.30	7.6	A
4:00 PM	6	150.0	0.80	18.1	C
4:00 PM	7	153.0	0.40	9.4	A
4:00 PM	8	148.0	0.40	10.2	B
4:00 PM	9	148.0	0.40	9.6	A
4:00 PM	10	146.0	0.40	9.6	A
4:15 PM	1	149.0	0.40	10.6	B

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	150.0	0.40	8.4	A
4:15 PM	3	145.0	0.50	11.2	B
4:15 PM	4	144.0	0.50	12.1	B
4:15 PM	5	149.0	0.50	11.0	B
4:15 PM	6	145.0	0.60	14.2	B
4:15 PM	7	145.0	0.30	7.7	A
4:15 PM	8	145.0	0.30	7.0	A
4:15 PM	9	149.0	0.40	10.4	B
4:15 PM	10	147.0	0.50	11.1	B
3:30 PM	Avg	147.2	0.41	9.6	A
3:45 PM	Avg	147.5	0.39	9.9	A
4:00 PM	Avg	148.5	0.44	10.2	B
4:15 PM	Avg	146.8	0.44	10.4	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	1	102.0	0.30	10.2	B
3:30 PM	2	99.0	0.50	19.4	C
3:30 PM	3	99.0	0.40	13.9	B
3:30 PM	4	100.0	0.50	18.8	C
3:30 PM	5	100.0	0.30	11.7	B
3:30 PM	6	101.0	0.30	11.4	B
3:30 PM	7	96.0	0.50	17.8	C
3:30 PM	8	97.0	0.60	23.4	C
3:30 PM	9	98.0	0.40	16.1	C
3:30 PM	10	96.0	0.60	21.9	C
3:45 PM	1	99.0	0.30	12.4	B
3:45 PM	2	97.0	0.40	13.2	B
3:45 PM	3	96.0	0.40	14.0	B
3:45 PM	4	96.0	0.40	14.9	B
3:45 PM	5	95.0	0.40	13.9	B
3:45 PM	6	97.0	0.40	16.0	C
3:45 PM	7	97.0	0.40	16.2	C
3:45 PM	8	98.0	0.40	15.1	C
3:45 PM	9	97.0	0.50	17.9	C
3:45 PM	10	99.0	0.40	12.8	B
4:00 PM	1	95.0	0.30	13.2	B
4:00 PM	2	98.0	0.30	12.5	B
4:00 PM	3	98.0	0.60	21.5	C
4:00 PM	4	97.0	0.30	10.8	B
4:00 PM	5	98.0	0.30	10.7	B
4:00 PM	6	97.0	0.40	13.2	B
4:00 PM	7	98.0	0.50	18.6	C
4:00 PM	8	95.0	0.40	13.4	B
4:00 PM	9	95.0	0.50	19.8	C
4:00 PM	10	97.0	0.30	12.1	B
4:15 PM	1	98.0	0.40	14.9	B
4:15 PM	2	98.0	0.30	12.2	B
4:15 PM	3	98.0	0.50	17.2	C
4:15 PM	4	98.0	0.40	16.0	C
4:15 PM	5	99.0	0.40	14.9	B
4:15 PM	6	99.0	0.40	14.2	B
4:15 PM	7	97.0	0.30	12.3	B
4:15 PM	8	102.0	0.50	16.5	C
4:15 PM	9	97.0	0.50	17.1	C
4:15 PM	10	98.0	0.50	17.7	C
3:30 PM	Avg	98.8	0.44	16.5	C
3:45 PM	Avg	97.1	0.40	14.6	B
4:00 PM	Avg	96.8	0.39	14.6	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	98.4	0.42	15.3	C
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	1	84.0	0.20	8.5	A
3:30 PM	2	79.0	0.20	7.8	A
3:30 PM	3	88.0	0.20	9.3	A
3:30 PM	4	78.0	0.20	7.7	A
3:30 PM	5	81.0	0.20	8.2	A
3:30 PM	6	82.0	0.20	9.8	A
3:30 PM	7	79.0	0.20	8.6	A
3:30 PM	8	82.0	0.20	8.0	A
3:30 PM	9	83.0	0.20	9.5	A
3:30 PM	10	77.0	0.20	8.5	A
3:45 PM	1	77.0	0.20	9.0	A
3:45 PM	2	80.0	0.20	8.3	A
3:45 PM	3	73.0	0.20	9.2	A
3:45 PM	4	82.0	0.20	8.4	A
3:45 PM	5	82.0	0.20	7.8	A
3:45 PM	6	82.0	0.20	8.0	A
3:45 PM	7	83.0	0.20	9.0	A
3:45 PM	8	80.0	0.20	8.6	A
3:45 PM	9	84.0	0.20	9.0	A
3:45 PM	10	82.0	0.30	11.0	B
4:00 PM	1	83.0	0.20	8.5	A
4:00 PM	2	84.0	0.20	7.5	A
4:00 PM	3	75.0	0.20	8.7	A
4:00 PM	4	81.0	0.20	7.9	A
4:00 PM	5	81.0	0.20	8.5	A
4:00 PM	6	76.0	0.20	8.7	A
4:00 PM	7	77.0	0.20	7.4	A
4:00 PM	8	85.0	0.20	7.6	A
4:00 PM	9	77.0	0.20	9.4	A
4:00 PM	10	73.0	0.20	9.0	A
4:15 PM	1	80.0	0.20	9.2	A
4:15 PM	2	79.0	0.20	7.5	A
4:15 PM	3	80.0	0.20	7.8	A
4:15 PM	4	76.0	0.20	8.6	A
4:15 PM	5	85.0	0.20	8.3	A
4:15 PM	6	81.0	0.20	8.8	A
4:15 PM	7	78.0	0.20	7.7	A
4:15 PM	8	79.0	0.20	8.9	A
4:15 PM	9	86.0	0.20	8.6	A
4:15 PM	10	80.0	0.20	7.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	81.3	0.20	8.6	A
3:45 PM	Avg	80.5	0.21	8.8	A
4:00 PM	Avg	79.2	0.20	8.3	A
4:15 PM	Avg	80.4	0.20	8.2	A
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
3:30 PM	1	123.0	0.30	9.4	A
3:30 PM	2	126.0	0.30	9.1	A
3:30 PM	3	123.0	0.40	10.8	B
3:30 PM	4	127.0	0.30	9.1	A
3:30 PM	5	124.0	0.30	10.1	B
3:30 PM	6	131.0	0.40	11.7	B
3:30 PM	7	129.0	0.30	9.3	A
3:30 PM	8	127.0	0.40	10.0	A
3:30 PM	9	123.0	0.30	10.1	B
3:30 PM	10	133.0	0.40	10.0	A
3:45 PM	1	131.0	0.40	11.9	B
3:45 PM	2	126.0	0.30	9.3	A
3:45 PM	3	133.0	0.40	10.9	B
3:45 PM	4	127.0	0.40	10.9	B
3:45 PM	5	127.0	0.40	11.0	B
3:45 PM	6	124.0	0.40	11.6	B
3:45 PM	7	128.0	0.40	11.1	B
3:45 PM	8	125.0	0.30	9.4	A
3:45 PM	9	123.0	0.40	11.3	B
3:45 PM	10	126.0	0.40	10.3	B
4:00 PM	1	122.0	0.30	10.0	A
4:00 PM	2	127.0	0.30	9.4	A
4:00 PM	3	133.0	0.40	10.3	B
4:00 PM	4	127.0	0.30	9.5	A
4:00 PM	5	127.0	0.30	9.1	A
4:00 PM	6	134.0	0.40	10.9	B
4:00 PM	7	129.0	0.30	9.2	A
4:00 PM	8	123.0	0.30	10.2	B
4:00 PM	9	130.0	0.30	9.5	A
4:00 PM	10	132.0	0.40	10.3	B
4:15 PM	1	129.0	0.40	10.0	A
4:15 PM	2	130.0	0.40	11.1	B
4:15 PM	3	124.0	0.40	10.6	B
4:15 PM	4	133.0	0.40	10.9	B
4:15 PM	5	124.0	0.30	9.9	A
4:15 PM	6	127.0	0.40	10.8	B
4:15 PM	7	129.0	0.30	9.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	131.0	0.40	10.2	B
4:15 PM	9	123.0	0.30	9.8	A
4:15 PM	10	129.0	0.40	9.8	A
3:30 PM	Avg	126.6	0.34	10.0	A
3:45 PM	Avg	127.0	0.38	10.8	B
4:00 PM	Avg	128.4	0.33	9.8	A
4:15 PM	Avg	127.9	0.37	10.2	B
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	1	72.0	0.30	12.8	B
3:30 PM	2	77.0	0.30	15.6	C
3:30 PM	3	72.0	0.30	13.7	B
3:30 PM	4	74.0	0.30	13.0	B
3:30 PM	5	70.0	0.30	13.2	B
3:30 PM	6	69.0	0.20	12.8	B
3:30 PM	7	75.0	0.30	14.1	B
3:30 PM	8	71.0	0.30	13.0	B
3:30 PM	9	69.0	0.30	14.7	B
3:30 PM	10	71.0	0.20	11.5	B
3:45 PM	1	73.0	0.30	13.5	B
3:45 PM	2	74.0	0.30	13.9	B
3:45 PM	3	68.0	0.30	14.2	B
3:45 PM	4	69.0	0.30	14.2	B
3:45 PM	5	72.0	0.30	16.1	C
3:45 PM	6	73.0	0.30	14.1	B
3:45 PM	7	70.0	0.20	11.2	B
3:45 PM	8	71.0	0.20	12.6	B
3:45 PM	9	71.0	0.30	15.3	C
3:45 PM	10	75.0	0.30	13.6	B
4:00 PM	1	71.0	0.30	15.5	C
4:00 PM	2	76.0	0.30	12.9	B
4:00 PM	3	74.0	0.20	11.0	B
4:00 PM	4	75.0	0.30	13.1	B
4:00 PM	5	69.0	0.30	14.1	B
4:00 PM	6	70.0	0.30	16.3	C
4:00 PM	7	70.0	0.30	14.0	B
4:00 PM	8	74.0	0.30	15.0	B
4:00 PM	9	73.0	0.30	14.7	B
4:00 PM	10	72.0	0.30	15.6	C
4:15 PM	1	71.0	0.30	15.9	C
4:15 PM	2	67.0	0.20	13.2	B
4:15 PM	3	76.0	0.30	13.8	B
4:15 PM	4	73.0	0.30	15.1	C

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	72.0	0.30	13.7	B
4:15 PM	6	65.0	0.20	13.8	B
4:15 PM	7	72.0	0.20	12.4	B
4:15 PM	8	77.0	0.30	12.3	B
4:15 PM	9	72.0	0.30	13.9	B
4:15 PM	10	72.0	0.30	15.2	C
3:30 PM	Avg	72.0	0.28	13.4	B
3:45 PM	Avg	71.6	0.28	13.9	B
4:00 PM	Avg	72.4	0.29	14.2	B
4:15 PM	Avg	71.7	0.27	13.9	B
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	1	64.0	0.20	10.3	B
3:30 PM	2	61.0	0.20	12.1	B
3:30 PM	3	62.0	0.20	10.5	B
3:30 PM	4	63.0	0.20	9.8	A
3:30 PM	5	67.0	0.20	10.7	B
3:30 PM	6	66.0	0.20	9.7	A
3:30 PM	7	64.0	0.20	11.2	B
3:30 PM	8	67.0	0.20	9.8	A
3:30 PM	9	71.0	0.20	8.6	A
3:30 PM	10	65.0	0.20	9.9	A
3:45 PM	1	65.0	0.20	9.3	A
3:45 PM	2	61.0	0.20	11.6	B
3:45 PM	3	71.0	0.20	10.8	B
3:45 PM	4	71.0	0.20	9.9	A
3:45 PM	5	65.0	0.20	13.0	B
3:45 PM	6	67.0	0.20	10.3	B
3:45 PM	7	68.0	0.20	10.1	B
3:45 PM	8	61.0	0.20	9.0	A
3:45 PM	9	68.0	0.20	10.3	B
3:45 PM	10	64.0	0.20	9.1	A
4:00 PM	1	68.0	0.20	12.3	B
4:00 PM	2	63.0	0.20	10.4	B
4:00 PM	3	62.0	0.20	9.5	A
4:00 PM	4	61.0	0.20	11.3	B
4:00 PM	5	69.0	0.20	8.6	A
4:00 PM	6	70.0	0.20	9.0	A
4:00 PM	7	66.0	0.20	10.5	B
4:00 PM	8	64.0	0.20	11.3	B
4:00 PM	9	64.0	0.20	12.2	B
4:00 PM	10	64.0	0.20	10.7	B
4:15 PM	1	63.0	0.20	11.4	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	70.0	0.20	9.3	A
4:15 PM	3	64.0	0.20	12.4	B
4:15 PM	4	64.0	0.20	11.6	B
4:15 PM	5	66.0	0.20	9.4	A
4:15 PM	6	68.0	0.20	11.4	B
4:15 PM	7	64.0	0.20	10.7	B
4:15 PM	8	65.0	0.20	9.5	A
4:15 PM	9	67.0	0.20	10.0	B
4:15 PM	10	67.0	0.20	9.0	A
3:30 PM	Avg	65.0	0.20	10.2	B
3:45 PM	Avg	66.1	0.20	10.3	B
4:00 PM	Avg	65.1	0.20	10.6	B
4:15 PM	Avg	65.8	0.20	10.5	B

WB R on LAKE AVE NW: Lane ID 274842

3:30 PM	1	161.0	0.20	3.6	A
3:30 PM	2	163.0	0.20	3.6	A
3:30 PM	3	160.0	0.20	5.4	A
3:30 PM	4	166.0	0.20	3.5	A
3:30 PM	5	163.0	0.10	3.3	A
3:30 PM	6	159.0	0.20	5.4	A
3:30 PM	7	161.0	0.20	3.4	A
3:30 PM	8	161.0	0.20	4.4	A
3:30 PM	9	160.0	0.20	3.8	A
3:30 PM	10	164.0	0.20	4.7	A
3:45 PM	1	163.0	0.20	4.7	A
3:45 PM	2	165.0	0.20	4.7	A
3:45 PM	3	168.0	0.20	3.8	A
3:45 PM	4	162.0	0.20	4.3	A
3:45 PM	5	163.0	0.20	4.5	A
3:45 PM	6	165.0	0.20	4.6	A
3:45 PM	7	162.0	0.20	3.7	A
3:45 PM	8	165.0	0.20	3.8	A
3:45 PM	9	162.0	0.20	4.5	A
3:45 PM	10	161.0	0.20	4.9	A
4:00 PM	1	164.0	0.20	4.2	A
4:00 PM	2	159.0	0.20	4.0	A
4:00 PM	3	159.0	0.10	3.1	A
4:00 PM	4	165.0	0.20	3.4	A
4:00 PM	5	162.0	0.20	5.2	A
4:00 PM	6	163.0	0.20	4.3	A
4:00 PM	7	165.0	0.10	3.2	A
4:00 PM	8	160.0	0.20	3.6	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	9	166.0	0.20	4.7	A
4:00 PM	10	165.0	0.20	4.0	A
4:15 PM	1	165.0	0.20	3.5	A
4:15 PM	2	164.0	0.20	4.1	A
4:15 PM	3	163.0	0.20	4.3	A
4:15 PM	4	160.0	0.20	4.1	A
4:15 PM	5	162.0	0.20	4.8	A
4:15 PM	6	165.0	0.20	4.0	A
4:15 PM	7	163.0	0.20	4.0	A
4:15 PM	8	160.0	0.20	4.1	A
4:15 PM	9	164.0	0.20	3.8	A
4:15 PM	10	161.0	0.20	4.2	A
3:30 PM	Avg	161.8	0.19	4.1	A
3:45 PM	Avg	163.6	0.20	4.4	A
4:00 PM	Avg	162.8	0.18	4.0	A
4:15 PM	Avg	162.7	0.20	4.1	A
WB R on LAKE AVE NW: Lane ID 274843					
3:30 PM	1	24.0	0.00	1.8	A
3:30 PM	2	25.0	0.00	1.1	A
3:30 PM	3	25.0	0.00	1.5	A
3:30 PM	4	25.0	0.00	2.2	A
3:30 PM	5	30.0	0.00	1.3	A
3:30 PM	6	24.0	0.00	1.5	A
3:30 PM	7	26.0	0.00	1.6	A
3:30 PM	8	26.0	0.00	2.0	A
3:30 PM	9	24.0	0.00	1.0	A
3:30 PM	10	24.0	0.00	1.6	A
3:45 PM	1	26.0	0.00	1.7	A
3:45 PM	2	25.0	0.00	0.9	A
3:45 PM	3	24.0	0.00	3.2	A
3:45 PM	4	26.0	0.00	1.5	A
3:45 PM	5	23.0	0.00	1.5	A
3:45 PM	6	26.0	0.00	2.8	A
3:45 PM	7	24.0	0.00	1.7	A
3:45 PM	8	24.0	0.00	1.0	A
3:45 PM	9	25.0	0.00	2.2	A
3:45 PM	10	25.0	0.00	1.4	A
4:00 PM	1	24.0	0.00	1.3	A
4:00 PM	2	26.0	0.00	1.8	A
4:00 PM	3	25.0	0.00	1.9	A
4:00 PM	4	24.0	0.00	1.6	A
4:00 PM	5	25.0	0.00	1.9	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	6	27.0	0.00	1.8	A
4:00 PM	7	27.0	0.00	1.7	A
4:00 PM	8	25.0	0.00	1.5	A
4:00 PM	9	25.0	0.00	1.7	A
4:00 PM	10	23.0	0.00	1.9	A
4:15 PM	1	24.0	0.00	1.6	A
4:15 PM	2	24.0	0.00	2.2	A
4:15 PM	3	25.0	0.00	1.2	A
4:15 PM	4	25.0	0.00	2.0	A
4:15 PM	5	25.0	0.00	1.7	A
4:15 PM	6	24.0	0.00	1.4	A
4:15 PM	7	24.0	0.00	1.8	A
4:15 PM	8	24.0	0.00	1.7	A
4:15 PM	9	26.0	0.00	2.3	A
4:15 PM	10	26.0	0.00	1.0	A
3:30 PM	Avg	25.3	0.00	1.6	A
3:45 PM	Avg	24.8	0.00	1.8	A
4:00 PM	Avg	25.1	0.00	1.7	A
4:15 PM	Avg	24.7	0.00	1.7	A

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	0.1	0.0	0.0	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.0	0.1	10
4:15 PM	0.1	0.0	0.0	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	0.1	0.0	0.1	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.1	0.0	0.1	0.2	10
4:15 PM	0.1	0.0	0.1	0.1	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.5	0.1	0.3	0.7	10
4:00 PM	0.5	0.1	0.4	0.6	10
4:15 PM	0.5	0.1	0.3	0.6	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	0.2	0.1	0.2	0.3	10
3:45 PM	0.2	0.0	0.2	0.3	10
4:00 PM	0.3	0.1	0.2	0.3	10
4:15 PM	0.2	0.0	0.2	0.3	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.4	0.1	0.3	0.8	10
4:15 PM	0.4	0.1	0.3	0.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	0.4	0.1	0.3	0.6	10
3:45 PM	0.4	0.0	0.3	0.5	10
4:00 PM	0.4	0.1	0.3	0.6	10
4:15 PM	0.4	0.1	0.3	0.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	0.2	0.0	0.2	0.2	10
3:45 PM	0.2	0.0	0.2	0.3	10
4:00 PM	0.2	0.0	0.2	0.2	10
4:15 PM	0.2	0.0	0.2	0.2	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
3:30 PM	0.3	0.1	0.3	0.4	10
3:45 PM	0.4	0.0	0.3	0.4	10
4:00 PM	0.3	0.0	0.3	0.4	10
4:15 PM	0.4	0.0	0.3	0.4	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	0.3	0.0	0.2	0.3	10
3:45 PM	0.3	0.0	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.0	0.2	0.3	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	0.2	0.0	0.2	0.2	10
3:45 PM	0.2	0.0	0.2	0.2	10
4:00 PM	0.2	0.0	0.2	0.2	10
4:15 PM	0.2	0.0	0.2	0.2	10
WB R on LAKE AVE NW: Lane ID 274842					
3:30 PM	0.2	0.0	0.1	0.2	10
3:45 PM	0.2	0.0	0.2	0.2	10
4:00 PM	0.2	0.0	0.1	0.2	10
4:15 PM	0.2	0.0	0.2	0.2	10
WB R on LAKE AVE NW: Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	2.7	0.3	2.0	3.1	10
3:45 PM	2.8	0.2	2.4	3.4	10
4:00 PM	2.7	0.4	2.1	3.5	10
4:15 PM	2.7	0.3	2.0	3.1	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	3.7	0.4	3.1	4.5	10
3:45 PM	3.4	0.5	2.6	4.1	10
4:00 PM	3.3	0.5	2.7	4.1	10
4:15 PM	3.4	0.3	2.9	4.0	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	19.4	3.9	14.7	26.1	10
3:45 PM	22.9	5.9	15.0	34.8	10
4:00 PM	21.9	4.2	17.5	30.4	10
4:15 PM	22.6	6.0	13.3	32.0	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	8.9	0.7	7.7	10.0	10
3:45 PM	9.1	0.8	8.2	10.9	10
4:00 PM	9.4	1.2	7.7	11.3	10
4:15 PM	8.4	0.9	7.5	10.8	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	9.6	1.4	7.4	11.9	10
3:45 PM	9.9	1.8	7.2	13.1	10
4:00 PM	10.2	2.9	7.6	18.1	10
4:15 PM	10.4	2.2	7.0	14.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	16.5	4.5	10.2	23.4	10
3:45 PM	14.6	1.7	12.4	17.9	10
4:00 PM	14.6	3.9	10.7	21.5	10
4:15 PM	15.3	2.0	12.2	17.7	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	8.6	0.7	7.7	9.8	10
3:45 PM	8.8	0.9	7.8	11.0	10
4:00 PM	8.3	0.7	7.4	9.4	10
4:15 PM	8.2	0.7	7.0	9.2	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
3:30 PM	10.0	0.8	9.1	11.7	10
3:45 PM	10.8	0.9	9.3	11.9	10
4:00 PM	9.8	0.6	9.1	10.9	10
4:15 PM	10.2	0.6	9.0	11.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	13.4	1.1	11.5	15.6	10
3:45 PM	13.9	1.4	11.2	16.1	10
4:00 PM	14.2	1.5	11.0	16.3	10
4:15 PM	13.9	1.2	12.3	15.9	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	10.2	1.0	8.6	12.1	10
3:45 PM	10.3	1.2	9.0	13.0	10
4:00 PM	10.6	1.3	8.6	12.3	10
4:15 PM	10.5	1.2	9.0	12.4	10
WB R on LAKE AVE NW: Lane ID 274842					
3:30 PM	4.1	0.8	3.3	5.4	10
3:45 PM	4.4	0.4	3.7	4.9	10
4:00 PM	4.0	0.7	3.1	5.2	10
4:15 PM	4.1	0.3	3.5	4.8	10
WB R on LAKE AVE NW: Lane ID 274843					
3:30 PM	1.6	0.4	1.0	2.2	10
3:45 PM	1.8	0.7	0.9	3.2	10
4:00 PM	1.7	0.2	1.3	1.9	10
4:15 PM	1.7	0.4	1.0	2.3	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
3:30 PM	1	30.0	2.9	0.2	18.1	1.0	0.0%
3:30 PM	2	30.0	1.1	0.1	8.0	0.5	0.0%
3:30 PM	3	30.0	1.8	0.1	13.1	1.0	0.0%
3:30 PM	4	30.0	5.3	0.2	20.7	1.0	0.0%
3:30 PM	5	30.0	1.7	0.1	8.7	0.5	0.0%
3:30 PM	6	30.0	3.1	0.1	21.6	1.0	0.0%
3:30 PM	7	30.0	1.2	0.1	8.6	0.5	0.0%
3:30 PM	8	30.0	3.7	0.2	28.5	1.5	0.0%
3:30 PM	9	30.0	1.7	0.1	9.5	0.5	0.0%
3:30 PM	10	30.0	1.7	0.1	15.3	1.0	0.0%
3:45 PM	1	30.0	5.6	0.2	54.9	1.5	0.0%
3:45 PM	2	30.0	1.2	0.1	8.6	0.5	0.0%
3:45 PM	3	30.0	1.1	0.1	8.1	0.5	0.0%
3:45 PM	4	30.0	2.0	0.1	9.3	0.5	0.0%
3:45 PM	5	30.0	1.4	0.1	10.2	0.5	0.0%
3:45 PM	6	30.0	3.0	0.1	20.3	1.0	0.0%
3:45 PM	7	30.0	0.9	0.1	4.9	0.5	0.0%
3:45 PM	8	30.0	1.1	0.1	8.4	0.5	0.0%
3:45 PM	9	30.0	4.5	0.2	35.6	1.5	0.0%
3:45 PM	10	30.0	2.0	0.1	8.7	0.5	0.0%
4:00 PM	1	30.0	1.4	0.1	12.4	1.0	0.0%
4:00 PM	2	30.0	1.6	0.1	15.3	1.0	0.0%
4:00 PM	3	30.0	3.9	0.2	17.0	1.0	0.0%
4:00 PM	4	30.0	1.2	0.1	9.4	0.5	0.0%
4:00 PM	5	30.0	2.2	0.1	15.8	1.0	0.0%
4:00 PM	6	30.0	1.1	0.1	8.9	0.5	0.0%
4:00 PM	7	30.0	4.6	0.1	27.3	1.1	0.0%
4:00 PM	8	30.0	3.2	0.1	26.9	1.0	0.0%
4:00 PM	9	30.0	8.3	0.3	36.5	1.5	0.0%
4:00 PM	10	30.0	8.4	0.3	60.1	1.5	0.0%
4:15 PM	1	29.0	0.9	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.6	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.6	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	2.1	0.1	15.5	1.0	0.0%
4:15 PM	5	29.0	2.2	0.1	17.4	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	3.2	0.2	15.9	1.0	0.0%
4:15 PM	8	29.0	6.3	0.2	42.4	1.6	0.0%
4:15 PM	9	29.0	1.2	0.1	8.3	0.6	0.0%
4:15 PM	10	29.0	1.6	0.1	13.9	1.0	0.0%
3:30 PM	Avg	30.0	2.4	0.1	15.2	0.9	0.0%
3:45 PM	Avg	30.0	2.3	0.1	16.9	0.8	0.0%
4:00 PM	Avg	30.0	3.6	0.2	23.0	1.0	0.0%
4:15 PM	Avg	29.0	1.9	0.1	11.3	0.6	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
3:30 PM	1	30.0	5.5	0.3	39.1	2.0	0.0%
3:30 PM	2	30.0	2.5	0.1	17.8	1.0	0.0%
3:30 PM	3	30.0	6.9	0.3	44.2	2.0	0.0%
3:30 PM	4	30.0	4.5	0.2	19.7	1.0	0.0%
3:30 PM	5	30.0	3.6	0.2	21.8	1.0	0.0%
3:30 PM	6	30.0	8.7	0.4	57.5	2.5	0.0%
3:30 PM	7	30.0	10.2	0.4	48.8	1.0	0.0%
3:30 PM	8	30.0	5.4	0.3	29.6	1.5	0.0%
3:30 PM	9	30.0	3.8	0.2	18.4	1.0	0.0%
3:30 PM	10	30.0	9.9	0.3	34.7	1.5	3.3%
3:45 PM	1	30.0	2.6	0.2	16.4	1.0	0.0%
3:45 PM	2	30.0	4.1	0.2	18.0	1.0	0.0%
3:45 PM	3	30.0	4.8	0.2	37.4	1.5	0.0%
3:45 PM	4	30.0	8.1	0.4	43.2	1.5	0.0%
3:45 PM	5	30.0	6.0	0.2	38.8	1.0	0.0%
3:45 PM	6	30.0	3.4	0.2	19.8	1.0	0.0%
3:45 PM	7	30.0	6.8	0.3	35.7	1.5	0.0%
3:45 PM	8	30.0	6.0	0.3	35.5	1.5	0.0%
3:45 PM	9	30.0	2.2	0.1	8.3	0.5	0.0%
3:45 PM	10	30.0	1.8	0.1	17.3	1.0	0.0%
4:00 PM	1	30.0	3.8	0.2	20.7	1.0	0.0%
4:00 PM	2	30.0	9.2	0.5	31.9	1.5	0.0%
4:00 PM	3	30.0	4.8	0.3	19.6	1.0	0.0%
4:00 PM	4	30.0	1.2	0.1	8.6	0.5	0.0%
4:00 PM	5	30.0	5.9	0.3	20.2	1.0	0.0%
4:00 PM	6	30.0	4.5	0.2	18.8	1.0	0.0%
4:00 PM	7	30.0	4.4	0.2	21.1	1.0	0.0%
4:00 PM	8	30.0	2.3	0.1	14.7	1.0	0.0%
4:00 PM	9	30.0	5.8	0.2	40.4	1.5	0.0%
4:00 PM	10	30.0	5.5	0.3	41.2	2.0	0.0%
4:15 PM	1	29.0	2.3	0.1	16.6	1.0	0.0%
4:15 PM	2	29.0	3.8	0.2	19.2	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	1.9	0.1	18.0	1.0	0.0%
4:15 PM	4	29.0	3.6	0.2	21.7	1.0	0.0%
4:15 PM	5	29.0	5.2	0.2	19.6	1.0	0.0%
4:15 PM	6	29.0	3.7	0.2	18.9	1.0	0.0%
4:15 PM	7	29.0	5.0	0.2	19.1	1.0	0.0%
4:15 PM	8	29.0	6.3	0.3	23.2	1.0	0.0%
4:15 PM	9	29.0	1.9	0.1	11.3	0.6	0.0%
4:15 PM	10	29.0	5.8	0.3	40.8	2.0	0.0%
3:30 PM	Avg	30.0	6.1	0.3	33.2	1.5	0.3%
3:45 PM	Avg	30.0	4.6	0.2	27.0	1.2	0.0%
4:00 PM	Avg	30.0	4.7	0.2	23.7	1.2	0.0%
4:15 PM	Avg	29.0	4.0	0.2	20.8	1.1	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
3:30 PM	1	30.0	22.9	0.8	95.3	3.0	0.0%
3:30 PM	2	30.0	33.5	1.3	100.7	4.0	0.0%
3:30 PM	3	30.0	32.6	1.3	136.4	4.5	0.0%
3:30 PM	4	30.0	30.0	1.3	112.3	4.5	0.0%
3:30 PM	5	30.0	26.8	1.0	99.7	3.5	0.0%
3:30 PM	6	30.0	12.8	0.6	46.9	2.0	0.0%
3:30 PM	7	30.0	17.2	0.7	73.3	3.0	0.0%
3:30 PM	8	30.0	26.2	0.9	104.2	2.5	0.0%
3:30 PM	9	30.0	36.6	1.5	172.5	6.0	0.0%
3:30 PM	10	30.0	27.8	1.1	85.2	3.0	0.0%
3:45 PM	1	30.0	31.8	1.4	104.2	4.0	0.0%
3:45 PM	2	30.0	55.3	2.1	202.4	6.5	0.0%
3:45 PM	3	30.0	37.9	1.6	107.5	4.0	0.0%
3:45 PM	4	30.0	19.8	0.8	85.2	2.5	0.0%
3:45 PM	5	30.0	23.0	1.0	71.3	2.5	0.0%
3:45 PM	6	30.0	40.0	1.5	156.7	5.5	0.0%
3:45 PM	7	30.0	38.4	1.5	127.9	4.5	0.0%
3:45 PM	8	30.0	55.8	1.8	202.8	6.5	0.0%
3:45 PM	9	30.0	33.4	1.4	99.2	4.0	0.0%
3:45 PM	10	30.0	38.9	1.3	92.3	3.0	0.0%
4:00 PM	1	30.0	38.2	1.5	111.1	4.0	0.0%
4:00 PM	2	30.0	42.9	1.7	98.8	4.0	0.0%
4:00 PM	3	30.0	42.4	1.7	139.6	5.0	0.0%
4:00 PM	4	30.0	19.6	0.9	85.2	2.5	0.0%
4:00 PM	5	30.0	24.0	1.1	85.2	3.0	0.0%
4:00 PM	6	30.0	26.5	1.0	106.5	3.0	0.0%
4:00 PM	7	30.0	29.6	1.3	110.2	4.1	0.0%
4:00 PM	8	30.0	31.1	1.3	85.2	3.0	0.0%
4:00 PM	9	30.0	25.6	1.0	85.2	2.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	34.1	1.3	162.1	5.5	0.0%
4:15 PM	1	29.0	37.3	1.4	97.3	3.0	0.0%
4:15 PM	2	29.0	9.4	0.4	25.9	1.0	0.0%
4:15 PM	3	29.0	27.7	1.2	93.5	3.6	0.0%
4:15 PM	4	29.0	50.3	1.9	167.2	5.0	0.0%
4:15 PM	5	29.0	16.6	0.7	85.2	3.0	0.0%
4:15 PM	6	29.0	43.6	1.7	114.7	4.0	0.0%
4:15 PM	7	29.0	20.0	0.9	72.5	2.6	0.0%
4:15 PM	8	29.0	46.4	1.7	168.1	5.0	0.0%
4:15 PM	9	29.0	52.4	1.8	146.8	4.6	0.0%
4:15 PM	10	29.0	34.9	1.4	121.6	4.6	0.0%
3:30 PM	Avg	30.0	26.6	1.1	102.7	3.6	0.0%
3:45 PM	Avg	30.0	37.4	1.4	125.0	4.3	0.0%
4:00 PM	Avg	30.0	31.4	1.3	106.9	3.7	0.0%
4:15 PM	Avg	29.0	33.9	1.3	109.3	3.6	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
3:30 PM	1	30.0	9.8	0.4	46.7	2.0	0.0%
3:30 PM	2	30.0	6.3	0.2	25.5	1.0	0.0%
3:30 PM	3	30.0	17.4	0.6	64.3	2.0	0.0%
3:30 PM	4	30.0	6.3	0.2	43.7	1.5	0.0%
3:30 PM	5	30.0	10.2	0.4	47.6	2.0	0.0%
3:30 PM	6	30.0	5.7	0.3	33.7	1.5	0.0%
3:30 PM	7	30.0	12.5	0.5	57.1	2.0	0.0%
3:30 PM	8	30.0	7.6	0.3	44.0	2.0	0.0%
3:30 PM	9	30.0	9.6	0.4	53.8	2.0	0.0%
3:30 PM	10	30.0	13.9	0.6	69.1	2.0	0.0%
3:45 PM	1	30.0	13.3	0.6	90.7	3.5	0.0%
3:45 PM	2	30.0	13.1	0.5	88.9	3.0	0.0%
3:45 PM	3	30.0	7.5	0.4	32.2	1.5	0.0%
3:45 PM	4	30.0	7.5	0.4	36.6	1.5	0.0%
3:45 PM	5	30.0	10.6	0.5	48.9	2.0	0.0%
3:45 PM	6	30.0	9.5	0.4	34.5	1.5	0.0%
3:45 PM	7	30.0	10.9	0.4	50.7	1.5	0.0%
3:45 PM	8	30.0	8.8	0.4	40.0	2.0	0.0%
3:45 PM	9	30.0	17.8	0.7	74.5	3.0	0.0%
3:45 PM	10	30.0	15.8	0.7	52.2	2.0	0.0%
4:00 PM	1	30.0	13.1	0.4	65.3	2.5	0.0%
4:00 PM	2	30.0	15.0	0.6	73.0	2.5	0.0%
4:00 PM	3	30.0	8.3	0.4	42.2	1.5	0.0%
4:00 PM	4	30.0	12.7	0.6	64.1	2.0	0.0%
4:00 PM	5	30.0	6.0	0.3	32.1	1.5	0.0%
4:00 PM	6	30.0	28.6	1.0	109.2	4.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	15.6	0.7	73.0	3.0	0.0%
4:00 PM	8	30.0	17.6	0.7	74.1	3.0	0.0%
4:00 PM	9	30.0	17.2	0.7	58.8	2.5	0.0%
4:00 PM	10	30.0	14.4	0.6	87.3	3.5	0.0%
4:15 PM	1	29.0	5.3	0.3	25.2	1.0	0.0%
4:15 PM	2	29.0	9.1	0.4	52.6	2.0	0.0%
4:15 PM	3	29.0	16.3	0.7	82.9	3.2	0.0%
4:15 PM	4	29.0	8.7	0.4	50.5	2.0	0.0%
4:15 PM	5	29.0	8.4	0.3	35.3	1.6	0.0%
4:15 PM	6	29.0	9.4	0.4	35.1	1.6	0.0%
4:15 PM	7	29.0	6.3	0.3	22.8	1.0	0.0%
4:15 PM	8	29.0	10.7	0.5	41.6	2.0	0.0%
4:15 PM	9	29.0	8.0	0.3	35.6	1.6	0.0%
4:15 PM	10	29.0	8.2	0.3	63.1	2.6	0.0%
3:30 PM	Avg	30.0	9.9	0.4	48.6	1.8	0.0%
3:45 PM	Avg	30.0	11.5	0.5	54.9	2.2	0.0%
4:00 PM	Avg	30.0	14.9	0.6	67.9	2.6	0.0%
4:15 PM	Avg	29.0	9.0	0.4	44.5	1.9	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
3:30 PM	1	30.0	25.7	1.0	106.4	4.0	0.0%
3:30 PM	2	30.0	30.1	1.1	106.4	4.0	0.0%
3:30 PM	3	30.0	26.7	1.0	128.1	3.5	0.0%
3:30 PM	4	30.0	19.5	0.9	81.4	3.5	0.0%
3:30 PM	5	30.0	15.8	0.6	89.6	3.1	0.0%
3:30 PM	6	30.0	24.4	0.9	161.1	5.1	0.0%
3:30 PM	7	30.0	23.8	0.8	119.8	4.0	0.0%
3:30 PM	8	30.0	25.5	0.9	114.2	3.5	0.0%
3:30 PM	9	30.0	37.6	1.5	123.7	4.5	0.0%
3:30 PM	10	30.0	23.5	0.8	94.2	2.5	0.0%
3:45 PM	1	30.0	24.9	0.9	115.8	4.0	0.0%
3:45 PM	2	30.0	22.1	0.8	97.6	3.0	0.0%
3:45 PM	3	30.0	22.9	0.9	99.4	3.5	0.0%
3:45 PM	4	30.0	40.0	1.4	111.1	4.0	0.0%
3:45 PM	5	30.0	25.7	0.9	104.8	3.0	0.0%
3:45 PM	6	30.0	23.0	0.8	77.7	2.5	0.0%
3:45 PM	7	30.0	35.7	1.3	115.3	4.0	0.0%
3:45 PM	8	30.0	28.5	1.1	96.7	3.5	0.0%
3:45 PM	9	30.0	25.3	1.0	69.0	2.5	0.0%
3:45 PM	10	30.0	32.3	1.2	132.2	4.5	0.0%
4:00 PM	1	30.0	20.7	0.8	103.2	3.5	0.0%
4:00 PM	2	30.0	24.5	0.9	96.7	3.0	0.0%
4:00 PM	3	30.0	36.8	1.3	136.4	5.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	12.2	0.5	61.2	2.5	0.0%
4:00 PM	5	30.0	24.8	1.0	88.5	3.1	0.0%
4:00 PM	6	30.0	46.0	1.7	167.8	5.5	0.0%
4:00 PM	7	30.0	24.8	0.9	98.0	3.5	0.0%
4:00 PM	8	30.0	21.2	0.8	116.0	4.1	0.0%
4:00 PM	9	30.0	33.7	1.2	106.4	3.5	0.0%
4:00 PM	10	30.0	25.6	0.9	113.1	4.0	0.0%
4:15 PM	1	29.0	32.9	1.3	147.3	5.6	0.0%
4:15 PM	2	29.0	24.8	0.9	96.1	3.0	0.0%
4:15 PM	3	29.0	25.3	0.9	100.2	3.6	0.0%
4:15 PM	4	29.0	33.7	1.3	145.2	5.2	0.0%
4:15 PM	5	29.0	35.7	1.2	89.0	3.6	0.0%
4:15 PM	6	29.0	39.2	1.4	142.7	4.6	0.0%
4:15 PM	7	29.0	24.4	0.9	73.9	2.6	0.0%
4:15 PM	8	29.0	16.5	0.7	89.7	3.0	0.0%
4:15 PM	9	29.0	36.5	1.5	83.5	3.6	0.0%
4:15 PM	10	29.0	34.7	1.2	117.0	3.6	0.0%
3:30 PM	Avg	30.0	25.3	1.0	112.5	3.8	0.0%
3:45 PM	Avg	30.0	28.0	1.0	102.0	3.5	0.0%
4:00 PM	Avg	30.0	27.0	1.0	108.7	3.8	0.0%
4:15 PM	Avg	29.0	30.4	1.1	108.5	3.8	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
3:30 PM	1	30.0	17.0	0.8	56.1	2.0	0.0%
3:30 PM	2	30.0	24.8	1.0	95.1	3.5	0.0%
3:30 PM	3	30.0	29.7	1.0	151.5	4.0	0.0%
3:30 PM	4	30.0	27.6	1.1	123.2	5.0	0.0%
3:30 PM	5	30.0	25.4	1.1	83.6	3.0	0.0%
3:30 PM	6	30.0	27.7	1.1	103.6	3.5	0.0%
3:30 PM	7	30.0	43.0	1.6	107.8	4.0	0.0%
3:30 PM	8	30.0	55.4	2.0	220.1	7.5	0.0%
3:30 PM	9	30.0	37.5	1.3	152.2	4.1	0.0%
3:30 PM	10	30.0	56.7	2.0	181.4	5.5	0.0%
3:45 PM	1	30.0	18.8	0.8	64.2	2.5	0.0%
3:45 PM	2	30.0	20.6	0.9	90.0	3.5	0.0%
3:45 PM	3	30.0	26.4	1.2	84.8	3.5	0.0%
3:45 PM	4	30.0	39.2	1.4	131.3	4.0	0.0%
3:45 PM	5	30.0	29.0	1.2	109.7	4.0	0.0%
3:45 PM	6	30.0	35.9	1.4	124.7	4.0	0.0%
3:45 PM	7	30.0	30.9	1.2	97.1	3.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	33.0	1.4	102.8	4.0	0.0%
3:45 PM	9	30.0	35.2	1.4	117.0	4.5	0.0%
3:45 PM	10	30.0	15.7	0.7	82.7	3.0	0.0%
4:00 PM	1	30.0	22.5	0.9	77.4	3.0	0.0%
4:00 PM	2	30.0	22.5	1.0	76.3	3.0	0.0%
4:00 PM	3	30.0	54.8	1.8	185.3	5.5	0.0%
4:00 PM	4	30.0	16.4	0.8	61.9	2.5	0.0%
4:00 PM	5	30.0	22.7	1.0	77.0	3.0	0.0%
4:00 PM	6	30.0	25.6	1.1	90.2	3.5	0.0%
4:00 PM	7	30.0	49.6	1.8	171.0	6.0	0.0%
4:00 PM	8	30.0	34.1	1.3	109.7	3.5	0.0%
4:00 PM	9	30.0	55.6	2.2	151.6	4.5	0.0%
4:00 PM	10	30.0	25.3	1.0	82.9	3.0	0.0%
4:15 PM	1	29.0	33.9	1.4	107.3	4.0	0.0%
4:15 PM	2	29.0	25.9	0.8	104.1	3.0	0.0%
4:15 PM	3	29.0	30.0	1.2	85.0	3.6	0.0%
4:15 PM	4	29.0	31.0	1.3	111.0	4.6	0.0%
4:15 PM	5	29.0	39.1	1.4	116.1	3.6	0.0%
4:15 PM	6	29.0	30.1	1.2	99.7	4.0	0.0%
4:15 PM	7	29.0	17.7	0.6	88.4	2.0	0.0%
4:15 PM	8	29.0	24.5	1.0	78.6	3.0	0.0%
4:15 PM	9	29.0	32.4	1.4	115.7	4.6	0.0%
4:15 PM	10	29.0	47.7	1.8	165.8	6.0	0.0%
3:30 PM	Avg	30.0	34.5	1.3	127.5	4.2	0.0%
3:45 PM	Avg	30.0	28.5	1.2	100.4	3.6	0.0%
4:00 PM	Avg	30.0	32.9	1.3	108.3	3.8	0.0%
4:15 PM	Avg	29.0	31.2	1.2	107.2	3.8	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
3:30 PM	1	30.0	5.3	0.2	47.6	2.0	0.0%
3:30 PM	2	30.0	4.2	0.2	20.0	1.0	0.0%
3:30 PM	3	30.0	9.7	0.5	45.3	2.0	0.0%
3:30 PM	4	30.0	8.3	0.4	31.5	1.5	0.0%
3:30 PM	5	30.0	3.8	0.2	17.5	1.0	0.0%
3:30 PM	6	30.0	5.3	0.2	27.5	1.0	0.0%
3:30 PM	7	30.0	6.8	0.3	32.5	1.5	0.0%
3:30 PM	8	30.0	8.2	0.3	40.1	1.0	0.0%
3:30 PM	9	30.0	7.6	0.4	37.0	1.5	0.0%
3:30 PM	10	30.0	12.6	0.5	46.5	2.0	0.0%
3:45 PM	1	30.0	10.1	0.4	45.0	2.0	0.0%
3:45 PM	2	30.0	4.5	0.2	20.2	1.0	0.0%
3:45 PM	3	30.0	7.6	0.3	36.9	1.0	0.0%
3:45 PM	4	30.0	5.8	0.3	25.2	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	1.6	0.1	15.4	1.0	0.0%
3:45 PM	6	30.0	6.9	0.3	26.2	1.0	0.0%
3:45 PM	7	30.0	6.8	0.4	29.9	1.5	0.0%
3:45 PM	8	30.0	7.7	0.3	37.2	1.5	0.0%
3:45 PM	9	30.0	6.7	0.3	35.0	1.5	0.0%
3:45 PM	10	30.0	8.1	0.3	67.1	2.5	0.0%
4:00 PM	1	30.0	5.5	0.3	24.3	1.0	0.0%
4:00 PM	2	30.0	4.0	0.2	19.6	1.0	0.0%
4:00 PM	3	30.0	9.9	0.4	55.9	2.0	0.0%
4:00 PM	4	30.0	4.9	0.3	18.3	1.0	0.0%
4:00 PM	5	30.0	6.2	0.3	38.2	1.5	0.0%
4:00 PM	6	30.0	5.8	0.3	20.7	1.0	0.0%
4:00 PM	7	30.0	2.1	0.1	16.5	1.0	0.0%
4:00 PM	8	30.0	4.6	0.2	20.0	1.0	0.0%
4:00 PM	9	30.0	7.4	0.4	24.1	1.0	0.0%
4:00 PM	10	30.0	8.9	0.4	35.6	1.5	0.0%
4:15 PM	1	29.0	5.8	0.3	35.0	1.6	0.0%
4:15 PM	2	29.0	9.8	0.4	47.6	2.0	0.0%
4:15 PM	3	29.0	5.6	0.3	31.3	1.0	0.0%
4:15 PM	4	29.0	3.8	0.2	19.3	1.0	0.0%
4:15 PM	5	29.0	7.4	0.2	49.6	1.0	0.0%
4:15 PM	6	29.0	7.4	0.3	47.5	1.6	0.0%
4:15 PM	7	29.0	4.3	0.2	18.4	1.0	0.0%
4:15 PM	8	29.0	12.4	0.6	42.2	2.0	0.0%
4:15 PM	9	29.0	9.2	0.4	36.8	1.0	0.0%
4:15 PM	10	29.0	5.0	0.2	18.8	1.0	0.0%
3:30 PM	Avg	30.0	7.2	0.3	34.6	1.5	0.0%
3:45 PM	Avg	30.0	6.6	0.3	33.8	1.4	0.0%
4:00 PM	Avg	30.0	5.9	0.3	27.3	1.2	0.0%
4:15 PM	Avg	29.0	7.1	0.3	34.7	1.3	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274811							
3:30 PM	1	30.0	17.0	0.6	67.6	2.5	0.0%
3:30 PM	2	30.0	18.6	0.7	95.1	3.0	0.0%
3:30 PM	3	30.0	24.3	0.8	127.9	3.0	0.0%
3:30 PM	4	30.0	16.5	0.6	84.2	2.5	0.0%
3:30 PM	5	30.0	18.0	0.7	84.2	3.5	0.0%
3:30 PM	6	30.0	12.5	0.5	50.1	2.0	0.0%
3:30 PM	7	30.0	16.8	0.8	66.9	3.0	0.0%
3:30 PM	8	30.0	13.6	0.5	73.9	2.5	0.0%
3:30 PM	9	30.0	11.7	0.6	42.7	2.0	0.0%
3:30 PM	10	30.0	17.9	0.7	59.4	2.5	0.0%
3:45 PM	1	30.0	30.1	1.1	113.4	4.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	13.8	0.6	53.0	2.0	0.0%
3:45 PM	3	30.0	17.3	0.6	97.9	3.0	0.0%
3:45 PM	4	30.0	17.8	0.7	78.9	2.5	0.0%
3:45 PM	5	30.0	18.2	0.7	58.1	2.0	0.0%
3:45 PM	6	30.0	27.3	1.1	87.1	3.0	0.0%
3:45 PM	7	30.0	19.9	0.8	64.3	2.0	0.0%
3:45 PM	8	30.0	9.7	0.5	44.5	2.0	0.0%
3:45 PM	9	30.0	30.0	1.1	136.5	4.5	0.0%
3:45 PM	10	30.0	21.3	0.8	99.7	3.5	0.0%
4:00 PM	1	30.0	12.2	0.5	72.5	3.0	0.0%
4:00 PM	2	30.0	12.7	0.6	42.6	2.0	0.0%
4:00 PM	3	30.0	14.3	0.6	64.8	2.5	0.0%
4:00 PM	4	30.0	21.1	0.9	79.7	3.0	0.0%
4:00 PM	5	30.0	12.0	0.5	69.0	2.5	0.0%
4:00 PM	6	30.0	13.7	0.6	66.6	2.5	0.0%
4:00 PM	7	30.0	15.8	0.7	84.4	3.0	0.0%
4:00 PM	8	30.0	11.0	0.5	49.2	2.0	0.0%
4:00 PM	9	30.0	18.8	0.8	69.7	3.0	0.0%
4:00 PM	10	30.0	8.4	0.3	31.1	1.5	0.0%
4:15 PM	1	29.0	18.5	0.7	69.4	2.6	0.0%
4:15 PM	2	29.0	15.8	0.6	81.8	2.0	0.0%
4:15 PM	3	29.0	18.0	0.7	78.4	3.0	0.0%
4:15 PM	4	29.0	18.4	0.7	72.9	3.0	0.0%
4:15 PM	5	29.0	14.7	0.6	82.9	3.0	0.0%
4:15 PM	6	29.0	16.0	0.6	70.3	2.6	0.0%
4:15 PM	7	29.0	16.4	0.5	72.9	2.0	0.0%
4:15 PM	8	29.0	21.2	0.9	75.1	3.0	0.0%
4:15 PM	9	29.0	22.2	0.9	100.0	3.2	0.0%
4:15 PM	10	29.0	19.5	0.8	82.9	2.6	0.0%
3:30 PM	Avg	30.0	16.7	0.7	75.2	2.7	0.0%
3:45 PM	Avg	30.0	20.5	0.8	83.3	2.9	0.0%
4:00 PM	Avg	30.0	14.0	0.6	63.0	2.5	0.0%
4:15 PM	Avg	29.0	18.1	0.7	78.7	2.7	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

3:30 PM	1	30.0	18.3	0.8	58.5	2.5	0.0%
3:30 PM	2	30.0	24.4	1.0	85.5	3.0	0.0%
3:30 PM	3	30.0	7.0	0.3	25.5	1.0	0.0%
3:30 PM	4	30.0	14.6	0.6	65.3	2.5	0.0%
3:30 PM	5	30.0	15.3	0.7	73.6	3.0	0.0%
3:30 PM	6	30.0	19.6	0.8	78.6	3.0	0.0%
3:30 PM	7	30.0	13.2	0.6	48.7	2.0	0.0%
3:30 PM	8	30.0	10.8	0.5	49.4	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	17.9	0.7	76.2	2.0	0.0%
3:30 PM	10	30.0	7.2	0.4	19.6	1.0	0.0%
3:45 PM	1	30.0	15.6	0.7	71.1	2.5	0.0%
3:45 PM	2	30.0	11.9	0.6	46.4	2.0	0.0%
3:45 PM	3	30.0	16.1	0.7	59.5	2.0	0.0%
3:45 PM	4	30.0	11.8	0.6	62.3	2.0	0.0%
3:45 PM	5	30.0	16.7	0.7	77.2	3.0	0.0%
3:45 PM	6	30.0	18.2	0.7	80.6	2.5	0.0%
3:45 PM	7	30.0	10.0	0.5	51.8	2.0	0.0%
3:45 PM	8	30.0	13.0	0.6	48.5	2.0	0.0%
3:45 PM	9	30.0	12.8	0.6	50.6	2.0	0.0%
3:45 PM	10	30.0	14.0	0.7	42.2	2.0	0.0%
4:00 PM	1	30.0	18.1	0.7	49.3	2.0	0.0%
4:00 PM	2	30.0	7.9	0.3	43.1	2.0	0.0%
4:00 PM	3	30.0	5.9	0.3	20.9	1.0	0.0%
4:00 PM	4	30.0	7.4	0.4	25.9	1.0	0.0%
4:00 PM	5	30.0	14.2	0.7	65.5	2.0	0.0%
4:00 PM	6	30.0	11.2	0.5	61.9	2.5	0.0%
4:00 PM	7	30.0	17.8	0.7	66.3	2.5	0.0%
4:00 PM	8	30.0	15.5	0.7	64.5	2.5	0.0%
4:00 PM	9	30.0	14.8	0.7	48.8	2.0	0.0%
4:00 PM	10	30.0	16.8	0.7	88.1	3.0	0.0%
4:15 PM	1	29.0	16.0	0.7	61.7	2.0	0.0%
4:15 PM	2	29.0	14.7	0.7	46.7	2.0	0.0%
4:15 PM	3	29.0	24.6	0.9	86.1	3.0	0.0%
4:15 PM	4	29.0	17.0	0.8	64.8	2.6	0.0%
4:15 PM	5	29.0	15.0	0.6	50.4	2.0	0.0%
4:15 PM	6	29.0	13.5	0.6	66.7	2.6	0.0%
4:15 PM	7	29.0	10.0	0.5	37.8	1.6	0.0%
4:15 PM	8	29.0	16.7	0.7	52.0	2.0	0.0%
4:15 PM	9	29.0	17.5	0.8	64.7	2.6	0.0%
4:15 PM	10	29.0	20.9	0.9	65.1	2.6	0.0%
3:30 PM	Avg	30.0	14.8	0.6	58.1	2.2	0.0%
3:45 PM	Avg	30.0	14.0	0.6	59.0	2.2	0.0%
4:00 PM	Avg	30.0	13.0	0.6	53.4	2.1	0.0%
4:15 PM	Avg	29.0	16.6	0.7	59.6	2.3	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 274807							
3:30 PM	1	30.0	9.9	0.5	36.9	1.5	0.0%
3:30 PM	2	30.0	9.5	0.5	36.3	1.0	0.0%
3:30 PM	3	30.0	7.3	0.3	36.4	1.5	0.0%
3:30 PM	4	30.0	7.2	0.3	40.3	1.0	0.0%
3:30 PM	5	30.0	11.0	0.6	48.0	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	8.7	0.4	34.0	1.5	0.0%
3:30 PM	7	30.0	13.0	0.5	63.1	2.0	0.0%
3:30 PM	8	30.0	7.8	0.3	44.0	1.5	0.0%
3:30 PM	9	30.0	5.8	0.3	18.6	1.0	0.0%
3:30 PM	10	30.0	5.8	0.3	32.2	1.0	0.0%
3:45 PM	1	30.0	6.1	0.3	35.3	1.5	0.0%
3:45 PM	2	30.0	10.5	0.4	55.1	2.0	0.0%
3:45 PM	3	30.0	9.1	0.4	42.0	1.5	0.0%
3:45 PM	4	30.0	8.5	0.4	34.5	1.5	0.0%
3:45 PM	5	30.0	4.0	0.2	18.8	1.0	0.0%
3:45 PM	6	30.0	13.2	0.4	79.8	2.0	0.0%
3:45 PM	7	30.0	11.2	0.4	51.7	2.0	0.0%
3:45 PM	8	30.0	5.3	0.3	22.0	1.0	0.0%
3:45 PM	9	30.0	9.7	0.4	56.3	1.5	0.0%
3:45 PM	10	30.0	5.0	0.3	17.0	1.0	0.0%
4:00 PM	1	30.0	11.7	0.6	57.9	2.5	0.0%
4:00 PM	2	30.0	11.6	0.4	56.0	1.5	0.0%
4:00 PM	3	30.0	9.6	0.4	39.8	2.0	0.0%
4:00 PM	4	30.0	8.0	0.4	28.3	1.0	0.0%
4:00 PM	5	30.0	7.6	0.4	26.3	1.0	0.0%
4:00 PM	6	30.0	6.9	0.3	33.6	1.0	0.0%
4:00 PM	7	30.0	10.1	0.5	43.4	2.0	0.0%
4:00 PM	8	30.0	15.9	0.7	63.7	2.5	0.0%
4:00 PM	9	30.0	6.8	0.3	29.5	1.0	0.0%
4:00 PM	10	30.0	6.8	0.3	29.2	1.0	0.0%
4:15 PM	1	29.0	13.6	0.5	64.8	2.0	0.0%
4:15 PM	2	29.0	9.5	0.4	44.7	2.0	0.0%
4:15 PM	3	29.0	12.1	0.5	62.5	2.0	0.0%
4:15 PM	4	29.0	9.0	0.4	46.7	2.0	0.0%
4:15 PM	5	29.0	9.3	0.4	44.5	2.0	0.0%
4:15 PM	6	29.0	9.1	0.4	43.7	1.6	0.0%
4:15 PM	7	29.0	8.2	0.4	32.8	1.6	0.0%
4:15 PM	8	29.0	4.7	0.2	16.8	1.0	0.0%
4:15 PM	9	29.0	9.0	0.4	39.8	1.6	0.0%
4:15 PM	10	29.0	3.7	0.2	19.0	1.0	0.0%
3:30 PM	Avg	30.0	8.6	0.4	39.0	1.4	0.0%
3:45 PM	Avg	30.0	8.3	0.4	41.3	1.5	0.0%
4:00 PM	Avg	30.0	9.5	0.4	40.8	1.6	0.0%
4:15 PM	Avg	29.0	8.8	0.4	41.5	1.7	0.0%

WB R on LAKE AVE NW - Lane ID 274842

3:30 PM	1	30.0	9.0	0.4	58.8	2.5	0.0%
3:30 PM	2	30.0	11.5	0.6	44.1	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	26.4	1.1	119.7	4.0	0.0%
3:30 PM	4	30.0	9.9	0.4	44.5	2.0	0.0%
3:30 PM	5	30.0	11.5	0.4	75.3	2.1	0.0%
3:30 PM	6	30.0	12.0	0.5	48.8	2.0	0.0%
3:30 PM	7	30.0	8.3	0.4	44.8	2.0	0.0%
3:30 PM	8	30.0	12.6	0.6	51.5	2.0	0.0%
3:30 PM	9	30.0	14.2	0.5	64.8	2.0	0.0%
3:30 PM	10	30.0	2.2	0.1	0.0	0.0	0.0%
3:45 PM	1	30.0	10.9	0.4	49.2	2.0	0.0%
3:45 PM	2	30.0	7.3	0.3	40.8	1.5	0.0%
3:45 PM	3	30.0	12.5	0.4	50.8	2.0	0.0%
3:45 PM	4	30.0	13.1	0.5	65.3	2.5	0.0%
3:45 PM	5	30.0	18.6	0.7	109.0	4.1	3.3%
3:45 PM	6	30.0	14.3	0.6	78.9	3.0	0.0%
3:45 PM	7	30.0	12.0	0.5	61.9	2.0	0.0%
3:45 PM	8	30.0	9.5	0.5	51.5	2.0	0.0%
3:45 PM	9	30.0	10.8	0.4	66.3	2.0	0.0%
3:45 PM	10	30.0	10.5	0.5	50.9	2.0	0.0%
4:00 PM	1	30.0	3.1	0.2	18.8	1.0	0.0%
4:00 PM	2	30.0	6.8	0.2	18.7	1.0	0.0%
4:00 PM	3	30.0	8.1	0.4	59.2	2.5	0.0%
4:00 PM	4	30.0	10.4	0.5	65.6	3.0	0.0%
4:00 PM	5	30.0	15.5	0.6	95.0	3.1	0.0%
4:00 PM	6	30.0	11.9	0.4	65.2	2.5	0.0%
4:00 PM	7	30.0	10.8	0.5	63.9	2.5	0.0%
4:00 PM	8	30.0	6.5	0.3	35.4	1.5	0.0%
4:00 PM	9	30.0	16.3	0.6	75.5	2.5	0.0%
4:00 PM	10	30.0	9.2	0.4	38.9	1.5	0.0%
4:15 PM	1	29.0	10.2	0.4	68.5	2.6	0.0%
4:15 PM	2	29.0	11.1	0.5	42.2	2.0	0.0%
4:15 PM	3	29.0	9.8	0.4	45.7	2.0	0.0%
4:15 PM	4	29.0	17.1	0.8	66.8	2.6	0.0%
4:15 PM	5	29.0	23.0	0.7	119.1	3.0	0.0%
4:15 PM	6	29.0	8.8	0.3	32.3	1.0	0.0%
4:15 PM	7	29.0	15.4	0.6	54.9	2.0	0.0%
4:15 PM	8	29.0	10.0	0.3	75.1	2.8	0.0%
4:15 PM	9	29.0	9.5	0.2	9.3	0.6	0.0%
4:15 PM	10	29.0	10.8	0.5	49.2	2.0	0.0%
3:30 PM	Avg	30.0	11.8	0.5	55.2	2.1	0.0%
3:45 PM	Avg	30.0	12.0	0.5	62.5	2.3	0.3%
4:00 PM	Avg	30.0	9.9	0.4	53.6	2.1	0.0%
4:15 PM	Avg	29.0	12.6	0.5	56.3	2.1	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB R on LAKE AVE NW - Lane ID 274843							
3:30 PM	1	30.0	0.6	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	8	30.0	0.6	0.0	0.0	0.0	0.0%
3:30 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	1.4	0.1	0.0	0.0	0.0%
3:45 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	2.3	0.1	9.1	0.5	0.0%
3:45 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	2	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	0.7	0.0	0.0	0.0	0.0%
4:15 PM	8	29.0	0.5	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	Avg	30.0	0.1	0.0	0.0	0.0	0.0%
3:45 PM	Avg	30.0	0.4	0.0	0.9	0.1	0.0%
4:00 PM	Avg	30.0	0.1	0.0	0.0	0.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 **NODE: 18**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	0.1	0.0	0.0	0.0	0.0%

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	2.4	1.3	1.1	5.3	10
3:45 PM	2.3	1.6	0.9	5.6	10
4:00 PM	3.6	2.8	1.1	8.4	10
4:15 PM	1.9	1.8	0.0	6.3	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	6.1	2.7	2.5	10.2	10
3:45 PM	4.6	2.1	1.8	8.1	10
4:00 PM	4.7	2.2	1.2	9.2	10
4:15 PM	4.0	1.6	1.9	6.3	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	26.6	7.4	12.8	36.6	10
3:45 PM	37.4	11.7	19.8	55.8	10
4:00 PM	31.4	7.9	19.6	42.9	10
4:15 PM	33.9	14.9	9.4	52.4	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	9.9	3.8	5.7	17.4	10
3:45 PM	11.5	3.5	7.5	17.8	10
4:00 PM	14.9	6.1	6.0	28.6	10
4:15 PM	9.0	3.0	5.3	16.3	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	25.3	5.8	15.8	37.6	10
3:45 PM	28.0	6.1	22.1	40.0	10
4:00 PM	27.0	9.5	12.2	46.0	10
4:15 PM	30.4	7.2	16.5	39.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	34.5	13.4	17.0	56.7	10
3:45 PM	28.5	7.9	15.7	39.2	10
4:00 PM	32.9	14.8	16.4	55.6	10
4:15 PM	31.2	8.2	17.7	47.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	7.2	2.7	3.8	12.6	10
3:45 PM	6.6	2.3	1.6	10.1	10
4:00 PM	5.9	2.3	2.1	9.9	10
4:15 PM	7.1	2.7	3.8	12.4	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	16.7	3.6	11.7	24.3	10
3:45 PM	20.5	6.8	9.7	30.1	10
4:00 PM	14.0	3.7	8.4	21.1	10
4:15 PM	18.1	2.4	14.7	22.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	14.8	5.5	7.0	24.4	10
3:45 PM	14.0	2.6	10.0	18.2	10
4:00 PM	13.0	4.5	5.9	18.1	10
4:15 PM	16.6	4.0	10.0	24.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	8.6	2.3	5.8	13.0	10
3:45 PM	8.3	3.0	4.0	13.2	10
4:00 PM	9.5	2.9	6.8	15.9	10
4:15 PM	8.8	2.9	3.7	13.6	10
WB R on LAKE AVE NW - Lane ID 274842					
3:30 PM	11.8	6.1	2.2	26.4	10
3:45 PM	12.0	3.0	7.3	18.6	10
4:00 PM	9.9	4.1	3.1	16.3	10
4:15 PM	12.6	4.5	8.8	23.0	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.1	0.3	0.0	0.6	10
3:45 PM	0.4	0.8	0.0	2.3	10
4:00 PM	0.1	0.2	0.0	0.6	10
4:15 PM	0.1	0.3	0.0	0.7	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.1	0.0	0.1	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.1	0.1	0.0	0.2	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.3	0.1	0.1	0.4	10
3:45 PM	0.2	0.1	0.1	0.4	10
4:00 PM	0.2	0.1	0.1	0.5	10
4:15 PM	0.2	0.1	0.1	0.3	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	1.1	0.3	0.6	1.5	10
3:45 PM	1.4	0.4	0.8	2.1	10
4:00 PM	1.3	0.3	0.9	1.7	10
4:15 PM	1.3	0.5	0.4	1.9	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.4	0.1	0.2	0.6	10
3:45 PM	0.5	0.1	0.4	0.7	10
4:00 PM	0.6	0.2	0.3	1.0	10
4:15 PM	0.4	0.1	0.3	0.7	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	1.0	0.2	0.6	1.5	10
3:45 PM	1.0	0.2	0.8	1.4	10
4:00 PM	1.0	0.3	0.5	1.7	10
4:15 PM	1.1	0.3	0.7	1.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	1.3	0.4	0.8	2.0	10
3:45 PM	1.2	0.3	0.7	1.4	10
4:00 PM	1.3	0.5	0.8	2.2	10
4:15 PM	1.2	0.3	0.6	1.8	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.3	0.1	0.2	0.5	10
3:45 PM	0.3	0.1	0.1	0.4	10
4:00 PM	0.3	0.1	0.1	0.4	10
4:15 PM	0.3	0.1	0.2	0.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	0.7	0.1	0.5	0.8	10
3:45 PM	0.8	0.2	0.5	1.1	10
4:00 PM	0.6	0.2	0.3	0.9	10
4:15 PM	0.7	0.1	0.5	0.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.6	0.2	0.3	1.0	10
3:45 PM	0.6	0.1	0.5	0.7	10
4:00 PM	0.6	0.2	0.3	0.7	10
4:15 PM	0.7	0.1	0.5	0.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.4	0.1	0.3	0.6	10
3:45 PM	0.4	0.1	0.2	0.4	10
4:00 PM	0.4	0.1	0.3	0.7	10
4:15 PM	0.4	0.1	0.2	0.5	10
WB R on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.5	0.3	0.1	1.1	10
3:45 PM	0.5	0.1	0.3	0.7	10
4:00 PM	0.4	0.1	0.2	0.6	10
4:15 PM	0.5	0.2	0.2	0.8	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	15.2	6.9	8.0	28.5	10
3:45 PM	16.9	16.1	4.9	54.9	10
4:00 PM	23.0	15.8	8.9	60.1	10
4:15 PM	11.3	13.2	0.0	42.4	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	33.2	14.0	17.8	57.5	10
3:45 PM	27.0	12.2	8.3	43.2	10
4:00 PM	23.7	10.7	8.6	41.2	10
4:15 PM	20.8	7.7	11.3	40.8	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	102.7	34.1	46.9	172.5	10
3:45 PM	125.0	47.1	71.3	202.8	10
4:00 PM	106.9	26.0	85.2	162.1	10
4:15 PM	109.3	44.3	25.9	168.1	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	48.6	13.2	25.5	69.1	10
3:45 PM	54.9	22.0	32.2	90.7	10
4:00 PM	67.9	21.7	32.1	109.2	10
4:15 PM	44.5	18.3	22.8	82.9	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	112.5	22.8	81.4	161.1	10
3:45 PM	102.0	18.6	69.0	132.2	10
4:00 PM	108.7	28.5	61.2	167.8	10
4:15 PM	108.5	27.6	73.9	147.3	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	127.5	49.1	56.1	220.1	10
3:45 PM	100.4	20.8	64.2	131.3	10
4:00 PM	108.3	44.5	61.9	185.3	10
4:15 PM	107.2	24.3	78.6	165.8	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	34.6	10.7	17.5	47.6	10
3:45 PM	33.8	14.6	15.4	67.1	10
4:00 PM	27.3	12.4	16.5	55.9	10
4:15 PM	34.7	12.4	18.4	49.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	75.2	24.5	42.7	127.9	10
3:45 PM	83.3	29.2	44.5	136.5	10
4:00 PM	63.0	16.8	31.1	84.4	10
4:15 PM	78.7	9.0	69.4	100.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	58.1	22.4	19.6	85.5	10
3:45 PM	59.0	13.5	42.2	80.6	10
4:00 PM	53.4	20.2	20.9	88.1	10
4:15 PM	59.6	13.4	37.8	86.1	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	39.0	11.5	18.6	63.1	10
3:45 PM	41.3	19.9	17.0	79.8	10
4:00 PM	40.8	13.9	26.3	63.7	10
4:15 PM	41.5	15.7	16.8	64.8	10
WB R on LAKE AVE NW - Lane ID 274842					
3:30 PM	55.2	30.0	0.0	119.7	10
3:45 PM	62.5	19.7	40.8	109.0	10
4:00 PM	53.6	24.9	18.7	95.0	10
4:15 PM	56.3	29.3	9.3	119.1	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.9	2.9	0.0	9.1	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.9	0.3	0.5	1.5	10
3:45 PM	0.8	0.4	0.5	1.5	10
4:00 PM	1.0	0.3	0.5	1.5	10
4:15 PM	0.6	0.6	0.0	1.6	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	1.5	0.6	1.0	2.5	10
3:45 PM	1.2	0.3	0.5	1.5	10
4:00 PM	1.2	0.4	0.5	2.0	10
4:15 PM	1.1	0.4	0.6	2.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	3.6	1.2	2.0	6.0	10
3:45 PM	4.3	1.5	2.5	6.5	10
4:00 PM	3.7	1.0	2.5	5.5	10
4:15 PM	3.6	1.3	1.0	5.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	1.8	0.3	1.0	2.0	10
3:45 PM	2.2	0.7	1.5	3.5	10
4:00 PM	2.6	0.8	1.5	4.0	10
4:15 PM	1.9	0.7	1.0	3.2	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	3.8	0.7	2.5	5.1	10
3:45 PM	3.5	0.7	2.5	4.5	10
4:00 PM	3.8	0.9	2.5	5.5	10
4:15 PM	3.8	1.0	2.6	5.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	4.2	1.5	2.0	7.5	10
3:45 PM	3.6	0.6	2.5	4.5	10
4:00 PM	3.8	1.2	2.5	6.0	10
4:15 PM	3.8	1.1	2.0	6.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	1.5	0.4	1.0	2.0	10
3:45 PM	1.4	0.5	1.0	2.5	10
4:00 PM	1.2	0.3	1.0	2.0	10
4:15 PM	1.3	0.4	1.0	2.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	2.7	0.5	2.0	3.5	10
3:45 PM	2.9	0.9	2.0	4.5	10
4:00 PM	2.5	0.5	1.5	3.0	10
4:15 PM	2.7	0.4	2.0	3.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	2.2	0.8	1.0	3.0	10
3:45 PM	2.2	0.3	2.0	3.0	10
4:00 PM	2.1	0.6	1.0	3.0	10
4:15 PM	2.3	0.4	1.6	3.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	1.4	0.4	1.0	2.0	10
3:45 PM	1.5	0.4	1.0	2.0	10
4:00 PM	1.6	0.6	1.0	2.5	10
4:15 PM	1.7	0.4	1.0	2.0	10
WB R on LAKE AVE NW - Lane ID 274842					
3:30 PM	2.1	1.0	0.0	4.0	10
3:45 PM	2.3	0.7	1.5	4.1	10
4:00 PM	2.1	0.8	1.0	3.1	10
4:15 PM	2.1	0.8	0.6	3.0	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.1	0.2	0.0	0.5	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Project: Alt 2_SR-21 & Lake Ave_RABx2_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Build Alternate 2c

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	1	71.0	0.10	3.3	A
7:15 AM	2	66.0	0.10	3.3	A
7:15 AM	3	65.0	0.00	2.7	A
7:15 AM	4	68.0	0.10	3.3	A
7:15 AM	5	69.0	0.00	2.6	A
7:15 AM	6	68.0	0.00	2.6	A
7:15 AM	7	69.0	0.10	3.5	A
7:15 AM	8	64.0	0.10	3.1	A
7:15 AM	9	65.0	0.10	3.3	A
7:15 AM	10	63.0	0.10	3.2	A
7:30 AM	1	64.0	0.10	3.4	A
7:30 AM	2	65.0	0.10	2.9	A
7:30 AM	3	69.0	0.10	3.1	A
7:30 AM	4	67.0	0.00	2.5	A
7:30 AM	5	69.0	0.10	3.1	A
7:30 AM	6	67.0	0.00	2.6	A
7:30 AM	7	72.0	0.10	3.0	A
7:30 AM	8	75.0	0.10	3.1	A
7:30 AM	9	69.0	0.10	2.9	A
7:30 AM	10	73.0	0.10	2.6	A
7:45 AM	1	67.0	0.10	3.0	A
7:45 AM	2	71.0	0.10	3.2	A
7:45 AM	3	66.0	0.10	3.1	A
7:45 AM	4	71.0	0.10	3.1	A
7:45 AM	5	68.0	0.10	3.0	A
7:45 AM	6	69.0	0.10	3.7	A
7:45 AM	7	63.0	0.10	2.9	A
7:45 AM	8	62.0	0.00	2.8	A
7:45 AM	9	71.0	0.10	3.1	A
7:45 AM	10	69.0	0.10	3.0	A
8:00 AM	1	69.0	0.10	3.5	A
8:00 AM	2	70.0	0.10	2.9	A
8:00 AM	3	67.0	0.00	2.6	A
8:00 AM	4	65.0	0.00	2.7	A
8:00 AM	5	68.0	0.00	2.4	A
8:00 AM	6	70.0	0.10	2.9	A
8:00 AM	7	67.0	0.10	3.0	A
8:00 AM	8	68.0	0.10	3.4	A
8:00 AM	9	71.0	0.10	2.9	A
8:00 AM	10	70.0	0.10	3.6	A
7:15 AM	Avg	66.8	0.07	3.1	A
7:30 AM	Avg	69.0	0.08	2.9	A
7:45 AM	Avg	67.7	0.09	3.1	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	68.5	0.07	3.0	A
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	1	110.0	0.10	3.4	A
7:15 AM	2	103.0	0.10	3.2	A
7:15 AM	3	100.0	0.10	3.4	A
7:15 AM	4	107.0	0.10	3.0	A
7:15 AM	5	105.0	0.10	2.9	A
7:15 AM	6	102.0	0.10	2.9	A
7:15 AM	7	106.0	0.10	3.8	A
7:15 AM	8	96.0	0.10	3.3	A
7:15 AM	9	95.0	0.10	3.0	A
7:15 AM	10	98.0	0.10	3.0	A
7:30 AM	1	97.0	0.10	3.0	A
7:30 AM	2	99.0	0.10	3.3	A
7:30 AM	3	104.0	0.10	3.6	A
7:30 AM	4	98.0	0.10	3.4	A
7:30 AM	5	107.0	0.10	3.4	A
7:30 AM	6	104.0	0.10	3.0	A
7:30 AM	7	107.0	0.10	3.1	A
7:30 AM	8	112.0	0.10	3.7	A
7:30 AM	9	105.0	0.10	3.1	A
7:30 AM	10	105.0	0.10	3.5	A
7:45 AM	1	103.0	0.10	3.2	A
7:45 AM	2	105.0	0.10	2.8	A
7:45 AM	3	97.0	0.10	3.3	A
7:45 AM	4	104.0	0.10	3.2	A
7:45 AM	5	102.0	0.10	3.3	A
7:45 AM	6	103.0	0.10	3.6	A
7:45 AM	7	96.0	0.10	3.5	A
7:45 AM	8	94.0	0.10	3.0	A
7:45 AM	9	107.0	0.10	3.5	A
7:45 AM	10	106.0	0.10	3.5	A
8:00 AM	1	97.0	0.10	3.2	A
8:00 AM	2	102.0	0.10	3.4	A
8:00 AM	3	102.0	0.10	2.8	A
8:00 AM	4	101.0	0.10	3.0	A
8:00 AM	5	98.0	0.10	3.5	A
8:00 AM	6	105.0	0.10	3.0	A
8:00 AM	7	102.0	0.10	2.8	A
8:00 AM	8	106.0	0.10	3.5	A
8:00 AM	9	108.0	0.10	3.2	A
8:00 AM	10	105.0	0.10	3.1	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	102.2	0.10	3.2	A
7:30 AM	Avg	103.8	0.10	3.3	A
7:45 AM	Avg	101.7	0.10	3.3	A
8:00 AM	Avg	102.6	0.10	3.1	A
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	1	36.0	0.10	9.4	A
7:15 AM	2	38.0	0.10	11.1	B
7:15 AM	3	37.0	0.10	10.3	B
7:15 AM	4	36.0	0.10	8.6	A
7:15 AM	5	35.0	0.10	8.4	A
7:15 AM	6	36.0	0.10	9.3	A
7:15 AM	7	38.0	0.10	10.2	B
7:15 AM	8	39.0	0.10	11.1	B
7:15 AM	9	39.0	0.10	9.2	A
7:15 AM	10	40.0	0.10	9.5	A
7:30 AM	1	38.0	0.10	9.5	A
7:30 AM	2	34.0	0.10	8.5	A
7:30 AM	3	36.0	0.10	7.9	A
7:30 AM	4	36.0	0.10	8.3	A
7:30 AM	5	39.0	0.10	8.3	A
7:30 AM	6	38.0	0.10	9.0	A
7:30 AM	7	37.0	0.10	12.4	B
7:30 AM	8	37.0	0.10	10.1	B
7:30 AM	9	37.0	0.10	8.9	A
7:30 AM	10	36.0	0.10	8.3	A
7:45 AM	1	36.0	0.10	8.3	A
7:45 AM	2	40.0	0.10	10.3	B
7:45 AM	3	37.0	0.10	9.4	A
7:45 AM	4	38.0	0.10	10.5	B
7:45 AM	5	36.0	0.10	10.7	B
7:45 AM	6	37.0	0.10	11.0	B
7:45 AM	7	40.0	0.10	9.1	A
7:45 AM	8	37.0	0.10	7.7	A
7:45 AM	9	39.0	0.10	10.5	B
7:45 AM	10	39.0	0.10	11.2	B
8:00 AM	1	40.0	0.10	7.9	A
8:00 AM	2	39.0	0.10	9.5	A
8:00 AM	3	39.0	0.10	8.1	A
8:00 AM	4	38.0	0.10	10.5	B
8:00 AM	5	38.0	0.10	10.8	B
8:00 AM	6	38.0	0.10	12.8	B
8:00 AM	7	36.0	0.10	8.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	37.0	0.10	10.3	B
8:00 AM	9	37.0	0.10	9.4	A
8:00 AM	10	37.0	0.10	11.7	B
7:15 AM	Avg	37.4	0.10	9.7	A
7:30 AM	Avg	36.8	0.10	9.1	A
7:45 AM	Avg	37.9	0.10	9.9	A
8:00 AM	Avg	37.9	0.10	9.9	A
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	1	89.0	0.20	6.9	A
7:15 AM	2	93.0	0.20	7.2	A
7:15 AM	3	94.0	0.20	7.4	A
7:15 AM	4	91.0	0.20	7.5	A
7:15 AM	5	94.0	0.20	6.5	A
7:15 AM	6	95.0	0.20	7.5	A
7:15 AM	7	93.0	0.20	8.1	A
7:15 AM	8	92.0	0.20	6.8	A
7:15 AM	9	94.0	0.20	8.0	A
7:15 AM	10	94.0	0.20	7.1	A
7:30 AM	1	95.0	0.20	7.0	A
7:30 AM	2	91.0	0.20	8.0	A
7:30 AM	3	93.0	0.20	6.9	A
7:30 AM	4	95.0	0.20	7.9	A
7:30 AM	5	91.0	0.20	6.6	A
7:30 AM	6	92.0	0.20	7.1	A
7:30 AM	7	91.0	0.20	6.7	A
7:30 AM	8	93.0	0.20	8.1	A
7:30 AM	9	91.0	0.20	7.2	A
7:30 AM	10	92.0	0.20	7.3	A
7:45 AM	1	92.0	0.20	7.2	A
7:45 AM	2	91.0	0.20	7.2	A
7:45 AM	3	92.0	0.20	6.4	A
7:45 AM	4	93.0	0.20	7.9	A
7:45 AM	5	94.0	0.20	8.1	A
7:45 AM	6	93.0	0.20	8.3	A
7:45 AM	7	93.0	0.20	8.1	A
7:45 AM	8	93.0	0.20	8.0	A
7:45 AM	9	95.0	0.20	7.3	A
7:45 AM	10	92.0	0.20	6.7	A
8:00 AM	1	92.0	0.20	7.9	A
8:00 AM	2	96.0	0.20	6.5	A
8:00 AM	3	93.0	0.20	7.6	A
8:00 AM	4	92.0	0.20	6.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	91.0	0.20	7.0	A
8:00 AM	6	93.0	0.20	7.1	A
8:00 AM	7	94.0	0.20	7.5	A
8:00 AM	8	91.0	0.20	7.2	A
8:00 AM	9	90.0	0.20	7.6	A
8:00 AM	10	94.0	0.20	7.5	A
7:15 AM	Avg	92.9	0.20	7.3	A
7:30 AM	Avg	92.4	0.20	7.3	A
7:45 AM	Avg	92.8	0.20	7.5	A
8:00 AM	Avg	92.6	0.20	7.2	A
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	1	135.0	0.20	5.1	A
7:15 AM	2	132.0	0.20	4.4	A
7:15 AM	3	135.0	0.20	4.7	A
7:15 AM	4	134.0	0.20	4.4	A
7:15 AM	5	134.0	0.20	5.1	A
7:15 AM	6	133.0	0.20	4.7	A
7:15 AM	7	133.0	0.20	5.2	A
7:15 AM	8	138.0	0.20	4.2	A
7:15 AM	9	136.0	0.20	5.1	A
7:15 AM	10	135.0	0.20	4.5	A
7:30 AM	1	136.0	0.20	5.0	A
7:30 AM	2	139.0	0.20	5.8	A
7:30 AM	3	136.0	0.20	5.1	A
7:30 AM	4	133.0	0.20	5.7	A
7:30 AM	5	133.0	0.20	5.6	A
7:30 AM	6	136.0	0.20	5.1	A
7:30 AM	7	136.0	0.20	5.9	A
7:30 AM	8	133.0	0.20	4.6	A
7:30 AM	9	134.0	0.20	5.0	A
7:30 AM	10	137.0	0.20	6.0	A
7:45 AM	1	137.0	0.20	5.3	A
7:45 AM	2	133.0	0.20	4.5	A
7:45 AM	3	135.0	0.20	4.2	A
7:45 AM	4	137.0	0.20	5.2	A
7:45 AM	5	137.0	0.20	4.9	A
7:45 AM	6	136.0	0.20	5.0	A
7:45 AM	7	137.0	0.20	4.1	A
7:45 AM	8	134.0	0.10	3.8	A
7:45 AM	9	137.0	0.20	5.3	A
7:45 AM	10	134.0	0.20	4.3	A
8:00 AM	1	132.0	0.20	4.3	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	136.0	0.20	5.0	A
8:00 AM	3	134.0	0.20	6.0	A
8:00 AM	4	136.0	0.20	5.8	A
8:00 AM	5	137.0	0.20	4.1	A
8:00 AM	6	135.0	0.20	5.8	A
8:00 AM	7	135.0	0.20	5.1	A
8:00 AM	8	137.0	0.20	5.3	A
8:00 AM	9	133.0	0.20	4.2	A
8:00 AM	10	136.0	0.20	5.9	A
7:15 AM	Avg	134.5	0.20	4.8	A
7:30 AM	Avg	135.3	0.20	5.4	A
7:45 AM	Avg	135.7	0.19	4.7	A
8:00 AM	Avg	135.1	0.20	5.1	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	1	106.0	4.90	164.7	F
7:15 AM	2	92.0	4.60	181.6	F
7:15 AM	3	89.0	4.50	183.3	F
7:15 AM	4	96.0	3.70	137.3	F
7:15 AM	5	103.0	4.80	168.3	F
7:15 AM	6	96.0	4.80	178.7	F
7:15 AM	7	96.0	4.80	178.7	F
7:15 AM	8	91.0	4.50	179.0	F
7:15 AM	9	90.0	3.30	132.9	F
7:15 AM	10	92.0	4.20	165.9	F
7:30 AM	1	89.0	4.40	177.5	F
7:30 AM	2	95.0	4.90	184.5	F
7:30 AM	3	100.0	4.80	173.4	F
7:30 AM	4	94.0	4.60	174.9	F
7:30 AM	5	103.0	4.70	164.8	F
7:30 AM	6	95.0	5.10	191.4	F
7:30 AM	7	103.0	4.60	160.2	F
7:30 AM	8	106.0	4.90	166.6	F
7:30 AM	9	97.0	4.70	175.0	F
7:30 AM	10	100.0	4.50	162.5	F
7:45 AM	1	95.0	4.70	179.4	F
7:45 AM	2	100.0	4.80	173.9	F
7:45 AM	3	93.0	5.00	192.1	F
7:45 AM	4	100.0	5.10	185.2	F
7:45 AM	5	97.0	4.70	174.2	F
7:45 AM	6	99.0	4.80	175.1	F
7:45 AM	7	87.0	4.60	192.0	F
7:45 AM	8	86.0	4.60	194.7	F
7:45 AM	9	105.0	5.00	171.6	F
7:45 AM	10	103.0	5.10	178.4	F
8:00 AM	1	94.0	5.00	190.1	F
8:00 AM	2	100.0	4.90	174.7	F
8:00 AM	3	92.0	5.00	197.4	F
8:00 AM	4	92.0	4.70	182.1	F
8:00 AM	5	98.0	4.90	180.4	F
8:00 AM	6	101.0	4.70	169.1	F
8:00 AM	7	92.0	4.70	183.6	F
8:00 AM	8	101.0	5.00	176.7	F
8:00 AM	9	109.0	4.80	159.6	F
8:00 AM	10	102.0	4.50	159.3	F
7:15 AM	Avg	95.1	4.41	167.1	F
7:30 AM	Avg	98.2	4.72	173.1	F
7:45 AM	Avg	96.5	4.84	181.7	F

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	98.1	4.82	177.3	F
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	1	78.0	0.30	11.8	B
7:15 AM	2	82.0	0.20	9.7	A
7:15 AM	3	82.0	0.20	8.2	A
7:15 AM	4	79.0	0.20	8.8	A
7:15 AM	5	78.0	0.20	9.5	A
7:15 AM	6	80.0	0.20	7.3	A
7:15 AM	7	80.0	0.20	8.2	A
7:15 AM	8	81.0	0.20	7.9	A
7:15 AM	9	80.0	0.20	9.1	A
7:15 AM	10	79.0	0.20	9.7	A
7:30 AM	1	81.0	0.20	9.4	A
7:30 AM	2	80.0	0.20	8.7	A
7:30 AM	3	80.0	0.20	8.1	A
7:30 AM	4	80.0	0.20	9.5	A
7:30 AM	5	82.0	0.20	9.4	A
7:30 AM	6	80.0	0.20	9.4	A
7:30 AM	7	82.0	0.30	11.2	B
7:30 AM	8	81.0	0.20	9.8	A
7:30 AM	9	80.0	0.20	9.2	A
7:30 AM	10	81.0	0.20	8.4	A
7:45 AM	1	81.0	0.20	7.7	A
7:45 AM	2	80.0	0.20	8.6	A
7:45 AM	3	78.0	0.20	8.8	A
7:45 AM	4	81.0	0.20	8.8	A
7:45 AM	5	79.0	0.20	9.0	A
7:45 AM	6	81.0	0.20	8.7	A
7:45 AM	7	79.0	0.20	7.8	A
7:45 AM	8	79.0	0.20	8.6	A
7:45 AM	9	80.0	0.20	8.4	A
7:45 AM	10	80.0	0.20	9.0	A
8:00 AM	1	80.0	0.20	7.7	A
8:00 AM	2	80.0	0.30	11.4	B
8:00 AM	3	82.0	0.20	8.5	A
8:00 AM	4	80.0	0.20	8.1	A
8:00 AM	5	81.0	0.20	8.2	A
8:00 AM	6	81.0	0.20	9.0	A
8:00 AM	7	80.0	0.20	10.3	B
8:00 AM	8	81.0	0.20	8.4	A
8:00 AM	9	79.0	0.20	8.6	A
8:00 AM	10	81.0	0.20	8.7	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	79.9	0.21	9.0	A
7:30 AM	Avg	80.7	0.21	9.3	A
7:45 AM	Avg	79.8	0.20	8.5	A
8:00 AM	Avg	80.5	0.21	8.9	A
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	1	57.0	0.10	6.4	A
7:15 AM	2	57.0	0.10	7.2	A
7:15 AM	3	56.0	0.10	7.1	A
7:15 AM	4	56.0	0.10	6.6	A
7:15 AM	5	57.0	0.10	6.1	A
7:15 AM	6	58.0	0.10	6.8	A
7:15 AM	7	58.0	0.10	7.8	A
7:15 AM	8	55.0	0.10	6.9	A
7:15 AM	9	56.0	0.10	6.3	A
7:15 AM	10	56.0	0.10	5.8	A
7:30 AM	1	57.0	0.10	6.5	A
7:30 AM	2	57.0	0.10	5.9	A
7:30 AM	3	58.0	0.10	6.3	A
7:30 AM	4	58.0	0.10	6.5	A
7:30 AM	5	57.0	0.10	7.8	A
7:30 AM	6	57.0	0.10	7.1	A
7:30 AM	7	58.0	0.10	7.1	A
7:30 AM	8	60.0	0.10	8.2	A
7:30 AM	9	57.0	0.10	7.7	A
7:30 AM	10	59.0	0.10	7.9	A
7:45 AM	1	57.0	0.10	8.5	A
7:45 AM	2	58.0	0.10	6.6	A
7:45 AM	3	56.0	0.10	8.1	A
7:45 AM	4	59.0	0.10	6.4	A
7:45 AM	5	59.0	0.10	6.7	A
7:45 AM	6	58.0	0.10	8.1	A
7:45 AM	7	58.0	0.10	6.6	A
7:45 AM	8	59.0	0.10	5.5	A
7:45 AM	9	58.0	0.10	7.1	A
7:45 AM	10	58.0	0.10	8.1	A
8:00 AM	1	58.0	0.10	7.4	A
8:00 AM	2	58.0	0.10	6.4	A
8:00 AM	3	60.0	0.10	7.6	A
8:00 AM	4	56.0	0.10	6.4	A
8:00 AM	5	56.0	0.10	7.1	A
8:00 AM	6	58.0	0.10	6.4	A
8:00 AM	7	59.0	0.10	7.5	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	57.0	0.10	7.9	A
8:00 AM	9	57.0	0.10	7.4	A
8:00 AM	10	56.0	0.10	8.2	A
7:15 AM	Avg	56.6	0.10	6.7	A
7:30 AM	Avg	57.8	0.10	7.1	A
7:45 AM	Avg	58.0	0.10	7.2	A
8:00 AM	Avg	57.5	0.10	7.2	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	1	26.0	0.10	8.5	A
7:15 AM	2	26.0	0.10	8.2	A
7:15 AM	3	26.0	0.10	9.3	A
7:15 AM	4	26.0	0.00	6.8	A
7:15 AM	5	26.0	0.10	8.4	A
7:15 AM	6	27.0	0.10	8.1	A
7:15 AM	7	24.0	0.10	10.1	B
7:15 AM	8	26.0	0.10	7.1	A
7:15 AM	9	25.0	0.10	9.4	A
7:15 AM	10	25.0	0.10	8.8	A
7:30 AM	1	25.0	0.10	8.3	A
7:30 AM	2	24.0	0.10	8.8	A
7:30 AM	3	25.0	0.10	9.3	A
7:30 AM	4	25.0	0.10	7.9	A
7:30 AM	5	24.0	0.10	9.3	A
7:30 AM	6	25.0	0.10	7.4	A
7:30 AM	7	28.0	0.10	8.9	A
7:30 AM	8	25.0	0.10	7.4	A
7:30 AM	9	26.0	0.10	7.1	A
7:30 AM	10	26.0	0.10	8.6	A
7:45 AM	1	25.0	0.00	6.2	A
7:45 AM	2	24.0	0.10	7.8	A
7:45 AM	3	25.0	0.10	8.7	A
7:45 AM	4	23.0	0.10	8.3	A
7:45 AM	5	25.0	0.10	10.5	B
7:45 AM	6	26.0	0.00	6.3	A
7:45 AM	7	24.0	0.10	10.3	B
7:45 AM	8	23.0	0.00	7.5	A
7:45 AM	9	25.0	0.10	9.2	A
7:45 AM	10	23.0	0.10	8.4	A
8:00 AM	1	24.0	0.10	8.7	A
8:00 AM	2	24.0	0.10	8.4	A
8:00 AM	3	24.0	0.10	8.8	A
8:00 AM	4	26.0	0.10	9.8	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	26.0	0.00	6.4	A
8:00 AM	6	25.0	0.10	7.2	A
8:00 AM	7	26.0	0.00	5.6	A
8:00 AM	8	27.0	0.10	8.5	A
8:00 AM	9	25.0	0.10	8.1	A
8:00 AM	10	27.0	0.10	7.6	A
7:15 AM	Avg	25.7	0.09	8.5	A
7:30 AM	Avg	25.3	0.10	8.3	A
7:45 AM	Avg	24.3	0.07	8.3	A
8:00 AM	Avg	25.4	0.08	7.9	A
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	1	109.0	0.40	13.5	B
7:15 AM	2	107.0	0.30	11.8	B
7:15 AM	3	107.0	0.50	16.4	C
7:15 AM	4	108.0	0.30	10.7	B
7:15 AM	5	104.0	0.30	11.0	B
7:15 AM	6	108.0	0.30	11.3	B
7:15 AM	7	111.0	0.40	12.3	B
7:15 AM	8	107.0	0.50	16.9	C
7:15 AM	9	107.0	0.30	11.3	B
7:15 AM	10	106.0	0.30	11.0	B
7:30 AM	1	106.0	0.30	10.7	B
7:30 AM	2	106.0	0.30	11.7	B
7:30 AM	3	105.0	0.40	14.0	B
7:30 AM	4	106.0	0.40	12.7	B
7:30 AM	5	109.0	0.30	11.0	B
7:30 AM	6	108.0	0.40	11.9	B
7:30 AM	7	107.0	0.40	12.7	B
7:30 AM	8	110.0	0.40	11.7	B
7:30 AM	9	109.0	0.30	11.0	B
7:30 AM	10	109.0	0.50	16.6	C
7:45 AM	1	108.0	0.40	13.7	B
7:45 AM	2	108.0	0.40	11.8	B
7:45 AM	3	110.0	0.40	14.6	B
7:45 AM	4	109.0	0.60	19.1	C
7:45 AM	5	108.0	0.40	14.5	B
7:45 AM	6	106.0	0.30	10.3	B
7:45 AM	7	105.0	0.40	12.1	B
7:45 AM	8	107.0	0.40	13.5	B
7:45 AM	9	106.0	0.40	12.5	B
7:45 AM	10	109.0	0.30	11.1	B
8:00 AM	1	109.0	0.30	10.0	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	107.0	0.40	12.0	B
8:00 AM	3	106.0	0.30	10.8	B
8:00 AM	4	108.0	0.30	10.8	B
8:00 AM	5	105.0	0.30	10.2	B
8:00 AM	6	107.0	0.30	10.4	B
8:00 AM	7	108.0	0.40	12.3	B
8:00 AM	8	108.0	0.40	11.8	B
8:00 AM	9	106.0	0.30	11.2	B
8:00 AM	10	106.0	0.40	13.6	B
7:15 AM	Avg	107.4	0.36	12.6	B
7:30 AM	Avg	107.5	0.37	12.4	B
7:45 AM	Avg	107.6	0.40	13.3	B
8:00 AM	Avg	107.0	0.34	11.3	B
WB R on LAKE AVE NW: Lane ID 274843					
7:15 AM	1	42.0	0.10	7.8	A
7:15 AM	2	41.0	0.10	8.1	A
7:15 AM	3	42.0	0.10	9.2	A
7:15 AM	4	41.0	0.10	7.9	A
7:15 AM	5	43.0	0.10	10.9	B
7:15 AM	6	41.0	0.10	6.6	A
7:15 AM	7	42.0	0.10	9.7	A
7:15 AM	8	41.0	0.10	7.2	A
7:15 AM	9	44.0	0.10	10.3	B
7:15 AM	10	41.0	0.10	9.9	A
7:30 AM	1	46.0	0.10	7.6	A
7:30 AM	2	43.0	0.10	10.2	B
7:30 AM	3	41.0	0.10	5.5	A
7:30 AM	4	42.0	0.10	5.8	A
7:30 AM	5	44.0	0.10	6.0	A
7:30 AM	6	44.0	0.10	7.3	A
7:30 AM	7	44.0	0.10	5.5	A
7:30 AM	8	43.0	0.10	9.8	A
7:30 AM	9	43.0	0.10	8.2	A
7:30 AM	10	44.0	0.10	5.2	A
7:45 AM	1	40.0	0.10	6.7	A
7:45 AM	2	42.0	0.10	8.5	A
7:45 AM	3	43.0	0.10	7.9	A
7:45 AM	4	45.0	0.10	7.0	A
7:45 AM	5	41.0	0.10	6.7	A
7:45 AM	6	43.0	0.10	6.9	A
7:45 AM	7	44.0	0.10	4.5	A
7:45 AM	8	41.0	0.10	8.6	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	9	44.0	0.10	5.6	A
7:45 AM	10	44.0	0.10	8.5	A
8:00 AM	1	44.0	0.10	7.8	A
8:00 AM	2	43.0	0.10	7.7	A
8:00 AM	3	43.0	0.10	6.8	A
8:00 AM	4	42.0	0.10	7.4	A
8:00 AM	5	44.0	0.10	6.0	A
8:00 AM	6	41.0	0.10	6.5	A
8:00 AM	7	40.0	0.10	9.7	A
8:00 AM	8	43.0	0.10	7.8	A
8:00 AM	9	40.0	0.10	7.5	A
8:00 AM	10	41.0	0.10	7.9	A
7:15 AM	Avg	41.8	0.10	8.7	A
7:30 AM	Avg	43.4	0.10	7.1	A
7:45 AM	Avg	42.7	0.10	7.1	A
8:00 AM	Avg	42.1	0.10	7.5	A

WB T on LAKE AVE NW: Lane ID 274842

7:15 AM	1	127.0	0.10	2.4	A
7:15 AM	2	128.0	0.10	2.5	A
7:15 AM	3	131.0	0.10	2.0	A
7:15 AM	4	128.0	0.10	2.2	A
7:15 AM	5	128.0	0.10	2.6	A
7:15 AM	6	130.0	0.10	2.3	A
7:15 AM	7	130.0	0.10	1.9	A
7:15 AM	8	134.0	0.10	2.0	A
7:15 AM	9	132.0	0.10	2.8	A
7:15 AM	10	130.0	0.10	2.6	A
7:30 AM	1	130.0	0.10	2.6	A
7:30 AM	2	131.0	0.10	2.1	A
7:30 AM	3	130.0	0.10	2.7	A
7:30 AM	4	134.0	0.10	2.7	A
7:30 AM	5	129.0	0.10	2.1	A
7:30 AM	6	130.0	0.10	3.4	A
7:30 AM	7	129.0	0.10	2.1	A
7:30 AM	8	129.0	0.10	2.1	A
7:30 AM	9	129.0	0.10	2.2	A
7:30 AM	10	131.0	0.10	2.4	A
7:45 AM	1	129.0	0.10	2.9	A
7:45 AM	2	132.0	0.10	2.8	A
7:45 AM	3	130.0	0.10	1.6	A
7:45 AM	4	129.0	0.10	3.1	A
7:45 AM	5	133.0	0.10	2.1	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	6	133.0	0.10	2.3	A
7:45 AM	7	132.0	0.10	2.2	A
7:45 AM	8	132.0	0.10	2.0	A
7:45 AM	9	129.0	0.10	2.1	A
7:45 AM	10	126.0	0.10	2.5	A
8:00 AM	1	132.0	0.10	2.4	A
8:00 AM	2	132.0	0.10	2.2	A
8:00 AM	3	132.0	0.10	2.4	A
8:00 AM	4	130.0	0.10	1.8	A
8:00 AM	5	128.0	0.10	2.4	A
8:00 AM	6	128.0	0.10	2.0	A
8:00 AM	7	132.0	0.10	2.5	A
8:00 AM	8	127.0	0.10	2.2	A
8:00 AM	9	131.0	0.10	2.3	A
8:00 AM	10	133.0	0.10	2.9	A
7:15 AM	Avg	129.8	0.10	2.3	A
7:30 AM	Avg	130.2	0.10	2.4	A
7:45 AM	Avg	130.5	0.10	2.4	A
8:00 AM	Avg	130.5	0.10	2.3	A

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.0	0.0	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.1	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	4.4	0.5	3.3	4.9	10
7:30 AM	4.7	0.2	4.4	5.1	10
7:45 AM	4.8	0.2	4.6	5.1	10
8:00 AM	4.8	0.2	4.5	5.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.2	0.0	0.2	0.3	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.3	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.0	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	0.4	0.1	0.3	0.5	10
7:30 AM	0.4	0.1	0.3	0.5	10
7:45 AM	0.4	0.1	0.3	0.6	10
8:00 AM	0.3	0.1	0.3	0.4	10
WB R on LAKE AVE NW: Lane ID 274843					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	3.1	0.4	2.6	3.5	10
7:30 AM	2.9	0.3	2.5	3.4	10
7:45 AM	3.1	0.2	2.8	3.7	10
8:00 AM	3.0	0.4	2.4	3.6	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	3.2	0.3	2.9	3.8	10
7:30 AM	3.3	0.2	3.0	3.7	10
7:45 AM	3.3	0.3	2.8	3.6	10
8:00 AM	3.1	0.3	2.8	3.5	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	9.7	0.9	8.4	11.1	10
7:30 AM	9.1	1.3	7.9	12.4	10
7:45 AM	9.9	1.2	7.7	11.2	10
8:00 AM	9.9	1.6	7.9	12.8	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	7.3	0.5	6.5	8.1	10
7:30 AM	7.3	0.5	6.6	8.1	10
7:45 AM	7.5	0.7	6.4	8.3	10
8:00 AM	7.2	0.5	6.4	7.9	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	4.8	0.4	4.2	5.2	10
7:30 AM	5.4	0.5	4.6	6.0	10
7:45 AM	4.7	0.6	3.8	5.3	10
8:00 AM	5.1	0.7	4.1	6.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	167.1	18.1	132.9	183.3	10
7:30 AM	173.1	9.9	160.2	191.4	10
7:45 AM	181.7	8.7	171.6	194.7	10
8:00 AM	177.3	12.3	159.3	197.4	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	9.0	1.3	7.3	11.8	10
7:30 AM	9.3	0.8	8.1	11.2	10
7:45 AM	8.5	0.5	7.7	9.0	10
8:00 AM	8.9	1.1	7.7	11.4	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
7:15 AM	6.7	0.6	5.8	7.8	10
7:30 AM	7.1	0.8	5.9	8.2	10
7:45 AM	7.2	1.0	5.5	8.5	10
8:00 AM	7.2	0.6	6.4	8.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	8.5	1.0	6.8	10.1	10
7:30 AM	8.3	0.8	7.1	9.3	10
7:45 AM	8.3	1.5	6.2	10.5	10
8:00 AM	7.9	1.2	5.6	9.8	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	12.6	2.3	10.7	16.9	10
7:30 AM	12.4	1.8	10.7	16.6	10
7:45 AM	13.3	2.5	10.3	19.1	10
8:00 AM	11.3	1.1	10.0	13.6	10
WB R on LAKE AVE NW: Lane ID 274843					
7:15 AM	8.7	1.4	6.6	10.9	10
7:30 AM	7.1	1.8	5.2	10.2	10
7:45 AM	7.1	1.3	4.5	8.6	10
8:00 AM	7.5	1.0	6.0	9.7	10
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	2.3	0.3	1.9	2.8	10
7:30 AM	2.4	0.4	2.1	3.4	10
7:45 AM	2.4	0.5	1.6	3.1	10
8:00 AM	2.3	0.3	1.8	2.9	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
7:15 AM	1	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	2	30.0	1.6	0.1	16.3	1.0	0.0%
7:15 AM	3	30.0	0.4	0.0	0.0	0.0	0.0%
7:15 AM	4	30.0	0.9	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	1.1	0.1	8.4	0.5	0.0%
7:15 AM	6	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	3.6	0.2	20.5	1.0	0.0%
7:15 AM	8	30.0	1.7	0.1	16.5	1.0	0.0%
7:15 AM	9	30.0	1.0	0.1	8.3	0.5	0.0%
7:15 AM	10	30.0	1.4	0.1	8.5	0.5	0.0%
7:30 AM	1	30.0	1.1	0.1	8.4	0.5	0.0%
7:30 AM	2	30.0	1.1	0.1	8.3	0.5	0.0%
7:30 AM	3	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.3	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	1.2	0.1	0.0	0.0	0.0%
7:45 AM	1	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.7	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	2.5	0.1	19.9	1.0	0.0%
7:45 AM	4	30.0	3.3	0.2	17.8	1.0	0.0%
7:45 AM	5	30.0	1.3	0.1	9.4	0.5	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	2.3	0.1	8.9	0.5	0.0%
7:45 AM	8	30.0	0.8	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	1.3	0.1	9.5	0.5	0.0%
7:45 AM	10	30.0	2.0	0.1	8.4	0.5	0.0%
8:00 AM	1	29.0	2.3	0.1	13.7	0.6	0.0%
8:00 AM	2	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.9	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	0.0	0.0	0.0	0.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	2.8	0.1	15.9	1.0	0.0%
8:00 AM	8	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	1.6	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	1.8	0.1	0.0	0.0	0.0%
7:15 AM	Avg	30.0	1.3	0.1	7.9	0.5	0.0%
7:30 AM	Avg	30.0	0.5	0.0	1.7	0.1	0.0%
7:45 AM	Avg	30.0	1.5	0.1	7.4	0.4	0.0%
8:00 AM	Avg	29.0	1.1	0.0	3.0	0.2	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
7:15 AM	1	30.0	3.3	0.1	31.4	1.0	0.0%
7:15 AM	2	30.0	3.7	0.2	19.2	1.0	0.0%
7:15 AM	3	30.0	1.2	0.1	9.5	0.5	0.0%
7:15 AM	4	30.0	2.7	0.1	8.4	0.5	0.0%
7:15 AM	5	30.0	2.6	0.1	14.6	1.0	0.0%
7:15 AM	6	30.0	1.1	0.1	8.5	0.5	0.0%
7:15 AM	7	30.0	4.5	0.2	32.6	1.5	0.0%
7:15 AM	8	30.0	2.3	0.1	17.0	1.0	0.0%
7:15 AM	9	30.0	3.7	0.1	11.2	0.5	0.0%
7:15 AM	10	30.0	1.8	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	1.6	0.1	12.3	0.5	0.0%
7:30 AM	2	30.0	4.5	0.2	31.1	1.5	0.0%
7:30 AM	3	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	1.6	0.1	14.9	1.0	0.0%
7:30 AM	5	30.0	2.2	0.1	15.9	1.0	0.0%
7:30 AM	6	30.0	2.9	0.1	21.3	1.0	0.0%
7:30 AM	7	30.0	2.3	0.1	11.9	0.5	0.0%
7:30 AM	8	30.0	1.7	0.1	14.4	1.0	0.0%
7:30 AM	9	30.0	2.6	0.1	16.5	1.0	0.0%
7:30 AM	10	30.0	3.1	0.1	24.6	1.1	0.0%
7:45 AM	1	30.0	2.3	0.1	10.0	0.5	0.0%
7:45 AM	2	30.0	4.1	0.2	18.1	1.0	0.0%
7:45 AM	3	30.0	1.2	0.1	8.6	0.5	0.0%
7:45 AM	4	30.0	3.9	0.2	17.7	1.0	0.0%
7:45 AM	5	30.0	1.7	0.1	16.3	1.0	0.0%
7:45 AM	6	30.0	0.9	0.1	7.7	0.5	0.0%
7:45 AM	7	30.0	6.4	0.3	45.0	2.0	0.0%
7:45 AM	8	30.0	1.6	0.1	10.7	0.5	0.0%
7:45 AM	9	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	3.0	0.2	18.6	1.0	0.0%
8:00 AM	1	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	4.7	0.2	32.0	1.6	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	2.0	0.1	11.3	0.6	0.0%
8:00 AM	5	29.0	2.6	0.1	19.4	1.0	0.0%
8:00 AM	6	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	1.1	0.1	9.6	0.6	0.0%
8:00 AM	8	29.0	1.7	0.1	0.0	0.0	0.0%
8:00 AM	9	29.0	2.1	0.1	8.1	0.6	0.0%
8:00 AM	10	29.0	1.5	0.1	12.7	0.6	0.0%
7:15 AM	Avg	30.0	2.7	0.1	15.2	0.8	0.0%
7:30 AM	Avg	30.0	2.3	0.1	16.3	0.9	0.0%
7:45 AM	Avg	30.0	2.6	0.1	15.3	0.8	0.0%
8:00 AM	Avg	29.0	1.7	0.1	9.3	0.5	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
7:15 AM	1	30.0	5.3	0.3	20.6	1.0	0.0%
7:15 AM	2	30.0	7.5	0.4	29.9	1.5	0.0%
7:15 AM	3	30.0	8.0	0.3	36.9	1.0	0.0%
7:15 AM	4	30.0	4.5	0.3	18.0	1.0	0.0%
7:15 AM	5	30.0	3.1	0.2	17.7	1.0	0.0%
7:15 AM	6	30.0	4.6	0.2	25.9	1.0	0.0%
7:15 AM	7	30.0	2.8	0.1	25.0	1.0	0.0%
7:15 AM	8	30.0	2.3	0.1	16.7	1.0	0.0%
7:15 AM	9	30.0	2.0	0.1	18.1	1.0	0.0%
7:15 AM	10	30.0	4.3	0.2	19.9	1.0	0.0%
7:30 AM	1	30.0	3.9	0.2	18.2	1.0	0.0%
7:30 AM	2	30.0	4.0	0.2	27.8	1.0	0.0%
7:30 AM	3	30.0	3.8	0.2	21.9	1.0	0.0%
7:30 AM	4	30.0	3.6	0.2	23.4	1.0	0.0%
7:30 AM	5	30.0	2.7	0.1	16.2	1.0	0.0%
7:30 AM	6	30.0	2.5	0.2	15.1	1.0	0.0%
7:30 AM	7	30.0	9.5	0.4	43.9	2.0	0.0%
7:30 AM	8	30.0	4.4	0.2	20.5	1.0	0.0%
7:30 AM	9	30.0	4.4	0.2	18.7	1.0	0.0%
7:30 AM	10	30.0	6.8	0.3	29.7	1.0	0.0%
7:45 AM	1	30.0	3.7	0.2	18.3	1.0	0.0%
7:45 AM	2	30.0	3.8	0.2	19.2	1.0	0.0%
7:45 AM	3	30.0	6.7	0.3	18.2	1.0	0.0%
7:45 AM	4	30.0	4.0	0.2	18.9	1.0	0.0%
7:45 AM	5	30.0	3.5	0.2	22.6	1.0	0.0%
7:45 AM	6	30.0	10.4	0.4	85.2	2.5	0.0%
7:45 AM	7	30.0	2.9	0.2	17.1	1.0	0.0%
7:45 AM	8	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	9.0	0.4	24.5	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	6.8	0.3	38.7	1.5	0.0%
8:00 AM	1	29.0	1.6	0.1	15.1	1.0	0.0%
8:00 AM	2	29.0	2.3	0.1	17.1	1.0	0.0%
8:00 AM	3	29.0	3.0	0.2	17.4	1.0	0.0%
8:00 AM	4	29.0	6.5	0.3	33.8	1.0	0.0%
8:00 AM	5	29.0	5.8	0.3	20.4	1.0	0.0%
8:00 AM	6	29.0	10.3	0.5	45.8	2.0	0.0%
8:00 AM	7	29.0	2.5	0.1	18.1	1.0	0.0%
8:00 AM	8	29.0	5.7	0.3	20.1	1.0	0.0%
8:00 AM	9	29.0	2.6	0.1	16.2	1.0	0.0%
8:00 AM	10	29.0	5.7	0.2	36.9	1.0	0.0%
7:15 AM	Avg	30.0	4.4	0.2	22.9	1.1	0.0%
7:30 AM	Avg	30.0	4.6	0.2	23.5	1.1	0.0%
7:45 AM	Avg	30.0	5.1	0.2	26.3	1.1	0.0%
8:00 AM	Avg	29.0	4.6	0.2	24.1	1.1	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
7:15 AM	1	30.0	8.3	0.4	48.9	2.0	0.0%
7:15 AM	2	30.0	6.7	0.4	20.5	1.0	0.0%
7:15 AM	3	30.0	9.2	0.4	49.2	2.1	0.0%
7:15 AM	4	30.0	3.2	0.2	21.2	1.0	0.0%
7:15 AM	5	30.0	6.2	0.2	19.3	1.0	0.0%
7:15 AM	6	30.0	1.9	0.1	17.8	1.0	0.0%
7:15 AM	7	30.0	11.8	0.5	59.3	2.0	0.0%
7:15 AM	8	30.0	8.9	0.3	67.3	2.0	0.0%
7:15 AM	9	30.0	9.0	0.4	53.1	2.1	0.0%
7:15 AM	10	30.0	5.1	0.3	31.1	1.5	0.0%
7:30 AM	1	30.0	9.9	0.4	55.4	2.1	0.0%
7:30 AM	2	30.0	9.4	0.3	51.2	1.0	0.0%
7:30 AM	3	30.0	7.1	0.3	41.7	1.5	0.0%
7:30 AM	4	30.0	14.1	0.5	75.8	2.5	0.0%
7:30 AM	5	30.0	7.0	0.3	34.6	1.0	0.0%
7:30 AM	6	30.0	6.3	0.3	36.6	1.5	0.0%
7:30 AM	7	30.0	5.6	0.3	32.8	1.5	0.0%
7:30 AM	8	30.0	9.3	0.4	45.2	2.0	0.0%
7:30 AM	9	30.0	7.0	0.3	54.3	2.0	0.0%
7:30 AM	10	30.0	8.3	0.4	21.0	1.0	0.0%
7:45 AM	1	30.0	7.3	0.4	34.1	1.5	0.0%
7:45 AM	2	30.0	8.2	0.3	49.8	1.5	0.0%
7:45 AM	3	30.0	1.9	0.1	17.8	1.0	0.0%
7:45 AM	4	30.0	9.0	0.3	64.7	1.5	0.0%
7:45 AM	5	30.0	3.5	0.2	20.7	1.0	0.0%
7:45 AM	6	30.0	10.9	0.4	59.1	1.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	13.5	0.6	43.8	2.0	0.0%
7:45 AM	8	30.0	5.8	0.3	32.1	1.5	0.0%
7:45 AM	9	30.0	5.1	0.3	21.1	1.0	0.0%
7:45 AM	10	30.0	7.8	0.4	34.1	1.5	0.0%
8:00 AM	1	29.0	7.1	0.3	38.8	2.0	0.0%
8:00 AM	2	29.0	5.9	0.2	45.2	1.6	0.0%
8:00 AM	3	29.0	15.3	0.5	91.8	3.0	0.0%
8:00 AM	4	29.0	13.1	0.6	49.0	2.0	0.0%
8:00 AM	5	29.0	3.4	0.2	16.1	1.0	0.0%
8:00 AM	6	29.0	3.9	0.2	22.8	1.0	0.0%
8:00 AM	7	29.0	11.2	0.4	62.2	2.6	0.0%
8:00 AM	8	29.0	7.7	0.3	41.6	1.6	0.0%
8:00 AM	9	29.0	9.2	0.3	62.4	2.0	0.0%
8:00 AM	10	29.0	1.4	0.1	10.5	0.6	0.0%
7:15 AM	Avg	30.0	7.0	0.3	38.8	1.6	0.0%
7:30 AM	Avg	30.0	8.4	0.4	44.9	1.6	0.0%
7:45 AM	Avg	30.0	7.3	0.3	37.7	1.4	0.0%
8:00 AM	Avg	29.0	7.8	0.3	44.0	1.7	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
7:15 AM	1	30.0	17.7	0.6	82.6	3.0	0.0%
7:15 AM	2	30.0	9.5	0.3	83.9	3.0	0.0%
7:15 AM	3	30.0	11.5	0.4	65.2	1.5	0.0%
7:15 AM	4	30.0	15.0	0.5	69.8	2.5	0.0%
7:15 AM	5	30.0	6.5	0.2	36.0	1.0	0.0%
7:15 AM	6	30.0	9.7	0.4	53.4	2.0	0.0%
7:15 AM	7	30.0	21.9	0.7	110.1	3.5	0.0%
7:15 AM	8	30.0	4.3	0.2	21.7	1.0	0.0%
7:15 AM	9	30.0	8.8	0.4	53.8	2.0	0.0%
7:15 AM	10	30.0	10.7	0.3	62.9	2.0	0.0%
7:30 AM	1	30.0	15.3	0.4	106.4	2.5	0.0%
7:30 AM	2	30.0	11.9	0.4	70.4	2.5	0.0%
7:30 AM	3	30.0	11.0	0.4	56.9	2.0	0.0%
7:30 AM	4	30.0	17.7	0.6	103.1	3.0	0.0%
7:30 AM	5	30.0	6.5	0.3	33.6	1.5	0.0%
7:30 AM	6	30.0	12.4	0.5	67.3	2.5	0.0%
7:30 AM	7	30.0	8.4	0.4	45.8	2.0	0.0%
7:30 AM	8	30.0	9.7	0.4	35.9	1.5	0.0%
7:30 AM	9	30.0	7.7	0.4	50.2	2.0	0.0%
7:30 AM	10	30.0	16.8	0.6	91.4	3.0	0.0%
7:45 AM	1	30.0	12.0	0.5	53.6	2.0	0.0%
7:45 AM	2	30.0	5.2	0.2	21.5	1.0	0.0%
7:45 AM	3	30.0	8.4	0.3	53.2	2.1	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	16.9	0.6	74.2	2.0	0.0%
7:45 AM	5	30.0	19.0	0.6	74.2	2.5	0.0%
7:45 AM	6	30.0	12.4	0.4	60.4	2.1	0.0%
7:45 AM	7	30.0	6.6	0.3	36.6	1.5	0.0%
7:45 AM	8	30.0	8.9	0.3	48.7	2.0	0.0%
7:45 AM	9	30.0	16.8	0.6	89.2	2.5	0.0%
7:45 AM	10	30.0	2.9	0.1	19.6	0.5	0.0%
8:00 AM	1	29.0	4.8	0.2	36.9	1.6	0.0%
8:00 AM	2	29.0	19.6	0.8	75.3	3.0	0.0%
8:00 AM	3	29.0	16.9	0.6	99.8	3.0	0.0%
8:00 AM	4	29.0	18.6	0.8	80.4	3.2	0.0%
8:00 AM	5	29.0	7.1	0.3	27.5	1.0	0.0%
8:00 AM	6	29.0	19.2	0.7	69.5	2.6	0.0%
8:00 AM	7	29.0	11.6	0.3	93.1	2.6	0.0%
8:00 AM	8	29.0	13.5	0.6	74.4	2.6	0.0%
8:00 AM	9	29.0	5.2	0.2	39.5	1.6	0.0%
8:00 AM	10	29.0	19.5	0.6	78.5	2.6	0.0%
7:15 AM	Avg	30.0	11.6	0.4	63.9	2.2	0.0%
7:30 AM	Avg	30.0	11.7	0.4	66.1	2.3	0.0%
7:45 AM	Avg	30.0	10.9	0.4	53.1	1.8	0.0%
8:00 AM	Avg	29.0	13.6	0.5	67.5	2.4	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
7:15 AM	1	30.0	450.8	16.0	610.6	23.0	66.7%
7:15 AM	2	30.0	383.0	13.3	613.8	22.0	53.3%
7:15 AM	3	30.0	423.8	14.5	611.5	22.0	63.3%
7:15 AM	4	30.0	397.7	14.0	608.3	22.0	36.7%
7:15 AM	5	30.0	416.9	14.1	617.3	22.0	60.0%
7:15 AM	6	30.0	481.7	16.6	612.5	22.0	76.7%
7:15 AM	7	30.0	340.1	12.0	614.9	22.0	53.3%
7:15 AM	8	30.0	475.2	16.0	616.6	22.0	66.7%
7:15 AM	9	30.0	415.9	14.1	613.5	21.5	40.0%
7:15 AM	10	30.0	433.2	14.8	615.1	22.5	56.7%
7:30 AM	1	30.0	359.8	11.9	617.1	22.0	56.7%
7:30 AM	2	30.0	431.9	14.7	618.9	21.0	66.7%
7:30 AM	3	30.0	349.1	11.5	618.9	22.0	53.3%
7:30 AM	4	30.0	440.2	14.9	617.4	22.0	63.3%
7:30 AM	5	30.0	450.7	15.0	615.2	22.0	66.7%
7:30 AM	6	30.0	424.7	15.2	615.6	23.0	66.7%
7:30 AM	7	30.0	435.8	14.6	616.2	21.5	63.3%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	413.6	15.0	617.8	23.0	63.3%
7:30 AM	9	30.0	465.9	16.2	615.2	22.5	73.3%
7:30 AM	10	30.0	443.5	15.4	619.8	22.0	70.0%
7:45 AM	1	30.0	418.7	14.7	616.1	22.5	60.0%
7:45 AM	2	30.0	419.8	14.6	614.4	22.0	63.3%
7:45 AM	3	30.0	431.4	15.0	616.1	22.0	63.3%
7:45 AM	4	30.0	454.0	15.8	616.6	22.0	70.0%
7:45 AM	5	30.0	377.8	13.3	612.6	22.5	60.0%
7:45 AM	6	30.0	409.3	14.2	613.2	22.0	66.7%
7:45 AM	7	30.0	411.3	13.5	615.5	22.0	63.3%
7:45 AM	8	30.0	507.5	17.7	618.0	23.0	80.0%
7:45 AM	9	30.0	434.1	14.6	614.6	22.0	66.7%
7:45 AM	10	30.0	363.1	13.1	614.2	23.0	56.7%
8:00 AM	1	29.0	457.2	15.7	614.0	22.0	72.4%
8:00 AM	2	29.0	465.7	15.9	619.2	22.6	65.5%
8:00 AM	3	29.0	447.7	15.9	613.4	22.6	72.4%
8:00 AM	4	29.0	459.4	15.9	627.3	22.0	69.0%
8:00 AM	5	29.0	406.0	14.3	633.2	22.6	58.6%
8:00 AM	6	29.0	408.2	14.3	618.1	24.0	55.2%
8:00 AM	7	29.0	434.8	15.2	617.6	23.0	69.0%
8:00 AM	8	29.0	381.4	13.3	617.5	22.0	58.6%
8:00 AM	9	29.0	382.7	13.6	617.5	22.0	51.7%
8:00 AM	10	29.0	399.1	13.0	627.8	22.0	65.5%
7:15 AM	Avg	30.0	421.8	14.5	613.4	22.1	57.3%
7:30 AM	Avg	30.0	421.5	14.4	617.2	22.1	64.3%
7:45 AM	Avg	30.0	422.7	14.7	615.1	22.3	65.0%
8:00 AM	Avg	29.0	424.2	14.7	620.6	22.5	63.8%
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
7:15 AM	1	30.0	13.2	0.5	63.5	2.5	0.0%
7:15 AM	2	30.0	8.4	0.3	42.4	1.5	0.0%
7:15 AM	3	30.0	9.3	0.4	57.2	2.1	0.0%
7:15 AM	4	30.0	5.0	0.2	27.4	1.0	0.0%
7:15 AM	5	30.0	8.3	0.4	33.4	1.5	0.0%
7:15 AM	6	30.0	7.0	0.3	34.4	1.5	0.0%
7:15 AM	7	30.0	8.1	0.4	34.7	1.5	0.0%
7:15 AM	8	30.0	7.8	0.4	45.0	2.1	0.0%
7:15 AM	9	30.0	9.5	0.4	35.0	1.5	0.0%
7:15 AM	10	30.0	13.5	0.6	50.2	2.0	0.0%
7:30 AM	1	30.0	5.0	0.3	25.6	1.0	0.0%
7:30 AM	2	30.0	6.9	0.3	42.3	1.5	0.0%
7:30 AM	3	30.0	4.3	0.2	21.2	1.0	0.0%
7:30 AM	4	30.0	10.6	0.5	42.1	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	6.4	0.3	18.4	1.0	0.0%
7:30 AM	6	30.0	7.4	0.3	48.2	2.0	0.0%
7:30 AM	7	30.0	13.2	0.5	69.6	2.5	0.0%
7:30 AM	8	30.0	9.9	0.4	41.9	2.0	0.0%
7:30 AM	9	30.0	6.1	0.3	39.7	2.0	0.0%
7:30 AM	10	30.0	6.5	0.3	26.7	1.0	0.0%
7:45 AM	1	30.0	3.8	0.2	24.6	1.0	0.0%
7:45 AM	2	30.0	6.9	0.3	38.3	1.5	0.0%
7:45 AM	3	30.0	8.4	0.4	46.8	2.0	0.0%
7:45 AM	4	30.0	3.5	0.2	18.5	1.0	0.0%
7:45 AM	5	30.0	5.8	0.3	19.3	1.0	0.0%
7:45 AM	6	30.0	4.3	0.2	23.6	1.0	0.0%
7:45 AM	7	30.0	9.4	0.5	39.1	2.0	0.0%
7:45 AM	8	30.0	8.4	0.3	60.8	1.5	0.0%
7:45 AM	9	30.0	9.9	0.4	48.4	2.0	0.0%
7:45 AM	10	30.0	3.9	0.2	16.2	1.0	0.0%
8:00 AM	1	29.0	2.4	0.1	19.3	1.0	0.0%
8:00 AM	2	29.0	16.7	0.7	71.0	2.6	0.0%
8:00 AM	3	29.0	8.2	0.4	34.7	1.0	0.0%
8:00 AM	4	29.0	5.4	0.3	18.6	1.0	0.0%
8:00 AM	5	29.0	9.4	0.4	41.8	2.0	0.0%
8:00 AM	6	29.0	7.9	0.4	42.8	2.0	0.0%
8:00 AM	7	29.0	10.1	0.4	41.7	1.6	0.0%
8:00 AM	8	29.0	6.7	0.2	54.3	1.0	0.0%
8:00 AM	9	29.0	7.3	0.4	37.6	2.0	0.0%
8:00 AM	10	29.0	6.1	0.2	36.0	1.2	0.0%
7:15 AM	Avg	30.0	9.0	0.4	42.3	1.7	0.0%
7:30 AM	Avg	30.0	7.6	0.3	37.6	1.6	0.0%
7:45 AM	Avg	30.0	6.4	0.3	33.6	1.4	0.0%
8:00 AM	Avg	29.0	8.0	0.4	39.8	1.5	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274811							
7:15 AM	1	30.0	1.2	0.1	9.2	0.5	0.0%
7:15 AM	2	30.0	6.0	0.3	24.9	1.0	0.0%
7:15 AM	3	30.0	3.3	0.2	16.2	1.0	0.0%
7:15 AM	4	30.0	1.7	0.1	15.8	1.0	0.0%
7:15 AM	5	30.0	2.3	0.1	16.1	1.0	0.0%
7:15 AM	6	30.0	1.5	0.1	13.3	1.0	0.0%
7:15 AM	7	30.0	3.1	0.2	18.7	1.0	0.0%
7:15 AM	8	30.0	4.6	0.2	16.9	1.0	0.0%
7:15 AM	9	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	10	30.0	6.0	0.2	27.7	1.0	0.0%
7:30 AM	1	30.0	3.5	0.1	29.4	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	1.1	0.1	8.7	0.5	0.0%
7:30 AM	3	30.0	4.8	0.3	18.8	1.0	0.0%
7:30 AM	4	30.0	4.4	0.2	27.3	1.0	0.0%
7:30 AM	5	30.0	3.3	0.2	20.2	1.0	0.0%
7:30 AM	6	30.0	5.4	0.2	38.6	1.5	0.0%
7:30 AM	7	30.0	3.9	0.2	17.5	1.0	0.0%
7:30 AM	8	30.0	5.0	0.2	34.2	1.0	0.0%
7:30 AM	9	30.0	4.4	0.2	22.0	1.0	0.0%
7:30 AM	10	30.0	6.8	0.3	41.5	2.0	0.0%
7:45 AM	1	30.0	6.4	0.2	45.3	1.5	0.0%
7:45 AM	2	30.0	4.9	0.2	21.5	1.0	0.0%
7:45 AM	3	30.0	5.3	0.2	36.2	1.5	0.0%
7:45 AM	4	30.0	1.4	0.1	0.0	0.0	0.0%
7:45 AM	5	30.0	3.7	0.1	28.8	1.0	0.0%
7:45 AM	6	30.0	3.2	0.2	19.2	1.0	0.0%
7:45 AM	7	30.0	5.1	0.2	36.1	1.5	0.0%
7:45 AM	8	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	3.0	0.1	18.3	1.0	0.0%
7:45 AM	10	30.0	4.4	0.2	15.8	1.0	0.0%
8:00 AM	1	29.0	4.4	0.2	24.5	1.0	0.0%
8:00 AM	2	29.0	2.8	0.2	12.2	1.0	0.0%
8:00 AM	3	29.0	7.6	0.2	48.1	1.0	0.0%
8:00 AM	4	29.0	4.3	0.2	23.1	1.0	0.0%
8:00 AM	5	29.0	3.7	0.2	22.0	1.0	0.0%
8:00 AM	6	29.0	1.2	0.1	9.9	0.6	0.0%
8:00 AM	7	29.0	4.2	0.2	32.6	1.6	0.0%
8:00 AM	8	29.0	3.2	0.1	10.7	0.6	0.0%
8:00 AM	9	29.0	3.5	0.2	17.8	1.0	0.0%
8:00 AM	10	29.0	3.4	0.2	19.6	1.0	0.0%
7:15 AM	Avg	30.0	3.0	0.2	15.9	0.9	0.0%
7:30 AM	Avg	30.0	4.3	0.2	25.8	1.1	0.0%
7:45 AM	Avg	30.0	3.8	0.2	22.1	1.0	0.0%
8:00 AM	Avg	29.0	3.8	0.2	22.1	1.0	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

7:15 AM	1	30.0	1.2	0.1	8.9	0.5	0.0%
7:15 AM	2	30.0	1.3	0.1	8.4	0.5	0.0%
7:15 AM	3	30.0	1.2	0.1	10.3	0.5	0.0%
7:15 AM	4	30.0	1.2	0.1	8.6	0.5	0.0%
7:15 AM	5	30.0	2.1	0.1	18.5	1.0	0.0%
7:15 AM	6	30.0	3.2	0.2	17.8	1.0	0.0%
7:15 AM	7	30.0	1.7	0.1	16.6	1.0	0.0%
7:15 AM	8	30.0	1.7	0.1	16.4	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	4.1	0.2	19.6	1.0	0.0%
7:15 AM	10	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	1.7	0.1	8.3	0.5	0.0%
7:30 AM	2	30.0	2.8	0.1	20.1	1.0	0.0%
7:30 AM	3	30.0	2.5	0.1	16.4	1.0	0.0%
7:30 AM	4	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	1.1	0.1	9.1	0.5	0.0%
7:30 AM	6	30.0	1.1	0.1	9.2	0.5	0.0%
7:30 AM	7	30.0	1.3	0.1	8.8	0.5	0.0%
7:30 AM	8	30.0	1.1	0.1	8.2	0.5	0.0%
7:30 AM	9	30.0	1.2	0.1	9.3	0.5	0.0%
7:30 AM	10	30.0	1.9	0.1	7.5	0.5	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	1.1	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	1.2	0.1	9.9	0.5	0.0%
7:45 AM	4	30.0	3.9	0.2	24.3	1.0	0.0%
7:45 AM	5	30.0	4.3	0.1	15.1	1.0	0.0%
7:45 AM	6	30.0	0.9	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.7	0.1	2.8	0.5	0.0%
7:45 AM	8	30.0	2.3	0.1	18.9	1.0	0.0%
7:45 AM	9	30.0	1.4	0.1	10.7	0.5	0.0%
7:45 AM	10	30.0	4.4	0.2	18.9	1.0	0.0%
8:00 AM	1	29.0	1.2	0.1	10.0	0.6	0.0%
8:00 AM	2	29.0	1.7	0.1	14.9	1.0	0.0%
8:00 AM	3	29.0	1.1	0.1	9.0	0.6	0.0%
8:00 AM	4	29.0	1.9	0.1	14.9	0.6	0.0%
8:00 AM	5	29.0	1.1	0.1	9.6	0.6	0.0%
8:00 AM	6	29.0	2.2	0.1	15.5	1.0	0.0%
8:00 AM	7	29.0	0.8	0.0	0.0	0.0	0.0%
8:00 AM	8	29.0	5.1	0.2	37.6	1.6	0.0%
8:00 AM	9	29.0	0.3	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	1.1	0.1	9.0	0.6	0.0%
7:15 AM	Avg	30.0	1.8	0.1	12.5	0.7	0.0%
7:30 AM	Avg	30.0	1.5	0.1	9.7	0.6	0.0%
7:45 AM	Avg	30.0	2.0	0.1	10.1	0.6	0.0%
8:00 AM	Avg	29.0	1.7	0.1	12.1	0.7	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

7:15 AM	1	30.0	15.4	0.6	76.5	3.0	0.0%
7:15 AM	2	30.0	15.6	0.6	67.1	2.5	0.0%
7:15 AM	3	30.0	29.1	1.0	107.7	4.0	0.0%
7:15 AM	4	30.0	13.9	0.5	56.1	2.0	0.0%
7:15 AM	5	30.0	18.5	0.7	68.5	2.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	20.2	0.9	81.3	3.0	0.0%
7:15 AM	7	30.0	10.3	0.5	48.7	2.0	0.0%
7:15 AM	8	30.0	46.9	1.6	151.2	5.0	0.0%
7:15 AM	9	30.0	18.9	0.8	85.4	2.5	0.0%
7:15 AM	10	30.0	13.2	0.6	55.7	2.5	0.0%
7:30 AM	1	30.0	19.2	0.7	78.1	3.0	0.0%
7:30 AM	2	30.0	16.7	0.7	77.5	3.0	0.0%
7:30 AM	3	30.0	23.2	0.9	71.4	2.0	0.0%
7:30 AM	4	30.0	17.9	0.8	56.2	2.0	0.0%
7:30 AM	5	30.0	11.2	0.5	56.6	2.0	0.0%
7:30 AM	6	30.0	13.7	0.6	64.8	2.5	0.0%
7:30 AM	7	30.0	15.6	0.6	88.5	3.5	0.0%
7:30 AM	8	30.0	19.0	0.9	67.7	3.0	0.0%
7:30 AM	9	30.0	16.5	0.7	71.2	2.5	0.0%
7:30 AM	10	30.0	22.9	0.8	126.1	4.1	0.0%
7:45 AM	1	30.0	26.3	0.9	115.3	3.5	0.0%
7:45 AM	2	30.0	12.1	0.5	46.0	2.0	0.0%
7:45 AM	3	30.0	22.4	0.8	92.0	3.0	0.0%
7:45 AM	4	30.0	44.2	1.7	181.3	6.5	0.0%
7:45 AM	5	30.0	25.6	1.0	96.1	3.5	0.0%
7:45 AM	6	30.0	19.5	0.7	86.2	2.5	0.0%
7:45 AM	7	30.0	24.0	1.0	59.6	2.0	0.0%
7:45 AM	8	30.0	24.7	1.0	69.5	3.0	0.0%
7:45 AM	9	30.0	20.9	0.8	83.6	2.5	0.0%
7:45 AM	10	30.0	18.8	0.8	87.7	3.0	0.0%
8:00 AM	1	29.0	12.9	0.5	44.3	2.0	0.0%
8:00 AM	2	29.0	21.3	1.0	55.6	2.6	0.0%
8:00 AM	3	29.0	20.7	0.9	71.1	3.0	0.0%
8:00 AM	4	29.0	10.7	0.4	49.2	2.0	0.0%
8:00 AM	5	29.0	15.5	0.7	74.9	3.0	0.0%
8:00 AM	6	29.0	21.2	0.8	67.7	2.6	0.0%
8:00 AM	7	29.0	18.1	0.7	74.2	2.6	0.0%
8:00 AM	8	29.0	12.8	0.6	47.3	2.0	0.0%
8:00 AM	9	29.0	14.8	0.6	51.3	2.0	0.0%
8:00 AM	10	29.0	20.0	0.8	93.6	3.6	0.0%
7:15 AM	Avg	30.0	20.2	0.8	79.8	2.9	0.0%
7:30 AM	Avg	30.0	17.6	0.7	75.8	2.8	0.0%
7:45 AM	Avg	30.0	23.9	0.9	91.7	3.2	0.0%
8:00 AM	Avg	29.0	16.8	0.7	62.9	2.5	0.0%
WB R on LAKE AVE NW - Lane ID 274843							
7:15 AM	1	30.0	3.5	0.2	18.9	1.0	0.0%
7:15 AM	2	30.0	4.1	0.2	24.8	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	9.2	0.4	41.3	2.0	0.0%
7:15 AM	4	30.0	6.7	0.3	27.0	1.0	0.0%
7:15 AM	5	30.0	7.4	0.3	48.0	2.1	0.0%
7:15 AM	6	30.0	3.6	0.2	20.7	1.0	0.0%
7:15 AM	7	30.0	4.6	0.2	19.9	1.0	0.0%
7:15 AM	8	30.0	2.5	0.1	17.0	1.0	0.0%
7:15 AM	9	30.0	9.6	0.5	35.6	1.5	0.0%
7:15 AM	10	30.0	5.7	0.3	32.3	1.5	0.0%
7:30 AM	1	30.0	6.5	0.3	37.3	1.0	0.0%
7:30 AM	2	30.0	7.5	0.4	40.4	2.0	0.0%
7:30 AM	3	30.0	2.3	0.1	16.5	1.0	0.0%
7:30 AM	4	30.0	1.8	0.1	8.7	0.5	0.0%
7:30 AM	5	30.0	4.1	0.2	25.8	1.0	0.0%
7:30 AM	6	30.0	2.2	0.1	16.2	1.0	0.0%
7:30 AM	7	30.0	2.2	0.1	17.2	1.0	0.0%
7:30 AM	8	30.0	5.4	0.3	30.1	1.5	0.0%
7:30 AM	9	30.0	5.6	0.3	44.0	2.0	0.0%
7:30 AM	10	30.0	1.8	0.1	14.1	1.0	0.0%
7:45 AM	1	30.0	5.0	0.3	31.1	1.5	0.0%
7:45 AM	2	30.0	8.4	0.3	38.8	1.5	0.0%
7:45 AM	3	30.0	5.2	0.3	31.7	1.5	0.0%
7:45 AM	4	30.0	5.9	0.3	32.4	1.5	0.0%
7:45 AM	5	30.0	6.6	0.3	24.7	1.0	0.0%
7:45 AM	6	30.0	2.5	0.1	18.5	1.0	0.0%
7:45 AM	7	30.0	2.9	0.2	16.8	1.0	0.0%
7:45 AM	8	30.0	4.2	0.2	18.3	1.0	0.0%
7:45 AM	9	30.0	1.0	0.1	8.6	0.5	0.0%
7:45 AM	10	30.0	3.5	0.2	21.9	1.0	0.0%
8:00 AM	1	29.0	6.6	0.3	17.3	1.0	0.0%
8:00 AM	2	29.0	2.2	0.1	15.9	1.0	0.0%
8:00 AM	3	29.0	2.7	0.1	17.4	1.0	0.0%
8:00 AM	4	29.0	1.2	0.1	9.2	0.6	0.0%
8:00 AM	5	29.0	2.0	0.1	16.3	1.0	0.0%
8:00 AM	6	29.0	5.4	0.2	28.8	1.0	0.0%
8:00 AM	7	29.0	5.5	0.3	33.0	1.6	0.0%
8:00 AM	8	29.0	4.1	0.2	18.2	1.0	0.0%
8:00 AM	9	29.0	6.2	0.3	17.7	1.0	0.0%
8:00 AM	10	29.0	4.2	0.2	17.0	1.0	0.0%
7:15 AM	Avg	30.0	5.7	0.3	28.6	1.3	0.0%
7:30 AM	Avg	30.0	3.9	0.2	25.0	1.2	0.0%
7:45 AM	Avg	30.0	4.5	0.2	24.3	1.2	0.0%
8:00 AM	Avg	29.0	4.0	0.2	19.1	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB T on LAKE AVE NW - Lane ID 274842							
7:15 AM	1	30.0	2.6	0.1	14.6	1.0	0.0%
7:15 AM	2	30.0	5.7	0.2	36.6	1.5	0.0%
7:15 AM	3	30.0	6.2	0.2	51.8	1.5	0.0%
7:15 AM	4	30.0	6.2	0.3	47.7	2.1	0.0%
7:15 AM	5	30.0	7.7	0.3	46.8	2.0	0.0%
7:15 AM	6	30.0	5.1	0.2	37.4	1.5	0.0%
7:15 AM	7	30.0	2.5	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	7.7	0.3	20.2	1.0	0.0%
7:15 AM	9	30.0	3.5	0.2	20.7	1.0	0.0%
7:15 AM	10	30.0	8.0	0.3	45.3	2.0	0.0%
7:30 AM	1	30.0	7.4	0.3	42.7	1.5	0.0%
7:30 AM	2	30.0	5.2	0.3	18.8	1.0	0.0%
7:30 AM	3	30.0	10.3	0.4	47.9	2.0	0.0%
7:30 AM	4	30.0	6.2	0.3	35.0	1.5	0.0%
7:30 AM	5	30.0	6.6	0.3	41.3	1.5	0.0%
7:30 AM	6	30.0	8.4	0.4	59.3	2.5	0.0%
7:30 AM	7	30.0	9.1	0.4	49.5	2.0	0.0%
7:30 AM	8	30.0	6.8	0.2	40.4	1.5	0.0%
7:30 AM	9	30.0	2.3	0.1	19.0	1.0	0.0%
7:30 AM	10	30.0	3.5	0.2	18.6	1.0	0.0%
7:45 AM	1	30.0	10.6	0.5	69.9	3.0	0.0%
7:45 AM	2	30.0	5.4	0.3	32.8	1.5	0.0%
7:45 AM	3	30.0	5.3	0.3	23.6	1.0	0.0%
7:45 AM	4	30.0	11.2	0.5	49.1	2.1	0.0%
7:45 AM	5	30.0	6.1	0.3	39.9	1.5	0.0%
7:45 AM	6	30.0	3.9	0.2	24.8	1.0	0.0%
7:45 AM	7	30.0	1.4	0.1	10.4	0.5	0.0%
7:45 AM	8	30.0	6.1	0.3	31.6	1.0	0.0%
7:45 AM	9	30.0	7.3	0.3	46.2	1.5	0.0%
7:45 AM	10	30.0	3.2	0.1	26.2	1.0	0.0%
8:00 AM	1	29.0	5.6	0.2	31.3	1.0	0.0%
8:00 AM	2	29.0	3.5	0.2	23.1	1.0	0.0%
8:00 AM	3	29.0	2.8	0.2	16.8	1.0	0.0%
8:00 AM	4	29.0	4.8	0.2	26.9	1.6	0.0%
8:00 AM	5	29.0	5.2	0.2	16.2	1.0	0.0%
8:00 AM	6	29.0	5.9	0.3	40.3	1.6	0.0%
8:00 AM	7	29.0	4.0	0.2	22.0	1.0	0.0%
8:00 AM	8	29.0	11.6	0.4	55.2	2.0	0.0%
8:00 AM	9	29.0	1.2	0.1	10.4	0.6	0.0%
8:00 AM	10	29.0	11.8	0.4	67.2	1.6	0.0%
7:15 AM	Avg	30.0	5.5	0.2	32.1	1.4	0.0%
7:30 AM	Avg	30.0	6.6	0.3	37.3	1.6	0.0%
7:45 AM	Avg	30.0	6.1	0.3	35.5	1.4	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 **NODE: 18**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	5.6	0.2	30.9	1.2	0.0%

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	1.3	0.9	0.4	3.6	10
7:30 AM	0.5	0.5	0.0	1.2	10
7:45 AM	1.5	1.0	0.0	3.3	10
8:00 AM	1.1	1.0	0.0	2.8	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	2.7	1.1	1.1	4.5	10
7:30 AM	2.3	1.1	0.5	4.5	10
7:45 AM	2.6	1.8	0.6	6.4	10
8:00 AM	1.7	1.3	0.0	4.7	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	4.4	2.1	2.0	8.0	10
7:30 AM	4.6	2.1	2.5	9.5	10
7:45 AM	5.1	3.0	0.6	10.4	10
8:00 AM	4.6	2.7	1.6	10.3	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	7.0	3.0	1.9	11.8	10
7:30 AM	8.4	2.5	5.6	14.1	10
7:45 AM	7.3	3.4	1.9	13.5	10
8:00 AM	7.8	4.4	1.4	15.3	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	11.6	5.3	4.3	21.9	10
7:30 AM	11.7	3.9	6.5	17.7	10
7:45 AM	10.9	5.4	2.9	19.0	10
8:00 AM	13.6	6.1	4.8	19.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	421.8	42.5	340.1	481.7	10
7:30 AM	421.5	38.1	349.1	465.9	10
7:45 AM	422.7	39.8	363.1	507.5	10
8:00 AM	424.2	32.5	381.4	465.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	9.0	2.6	5.0	13.5	10
7:30 AM	7.6	2.8	4.3	13.2	10
7:45 AM	6.4	2.5	3.5	9.9	10
8:00 AM	8.0	3.7	2.4	16.7	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	3.0	1.9	0.6	6.0	10
7:30 AM	4.3	1.5	1.1	6.8	10
7:45 AM	3.8	1.8	0.6	6.4	10
8:00 AM	3.8	1.6	1.2	7.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	1.8	1.1	0.6	4.1	10
7:30 AM	1.5	0.7	0.5	2.8	10
7:45 AM	2.0	1.6	0.0	4.4	10
8:00 AM	1.7	1.3	0.3	5.1	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	20.2	10.7	10.3	46.9	10
7:30 AM	17.6	3.7	11.2	23.2	10
7:45 AM	23.9	8.3	12.1	44.2	10
8:00 AM	16.8	4.0	10.7	21.3	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	5.7	2.5	2.5	9.6	10
7:30 AM	3.9	2.2	1.8	7.5	10
7:45 AM	4.5	2.2	1.0	8.4	10
8:00 AM	4.0	1.9	1.2	6.6	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	5.5	2.1	2.5	8.0	10
7:30 AM	6.6	2.5	2.3	10.3	10
7:45 AM	6.1	3.1	1.4	11.2	10
8:00 AM	5.6	3.5	1.2	11.8	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.0	0.0	0.0	0.1	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.0	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.3	10
8:00 AM	0.1	0.1	0.0	0.2	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.2	0.1	0.0	0.4	10
8:00 AM	0.2	0.1	0.1	0.5	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.3	0.1	0.1	0.5	10
7:30 AM	0.4	0.1	0.3	0.5	10
7:45 AM	0.3	0.1	0.1	0.6	10
8:00 AM	0.3	0.2	0.1	0.6	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.4	0.2	0.2	0.7	10
7:30 AM	0.4	0.1	0.3	0.6	10
7:45 AM	0.4	0.2	0.1	0.6	10
8:00 AM	0.5	0.2	0.2	0.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	14.5	1.4	12.0	16.6	10
7:30 AM	14.4	1.5	11.5	16.2	10
7:45 AM	14.7	1.4	13.1	17.7	10
8:00 AM	14.7	1.2	13.0	15.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.4	0.1	0.2	0.6	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.3	0.1	0.2	0.5	10
8:00 AM	0.4	0.2	0.1	0.7	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.2	0.1	0.0	0.3	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.2	0.1	0.0	0.2	10
8:00 AM	0.2	0.0	0.1	0.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.8	0.3	0.5	1.6	10
7:30 AM	0.7	0.1	0.5	0.9	10
7:45 AM	0.9	0.3	0.5	1.7	10
8:00 AM	0.7	0.2	0.4	1.0	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.3	0.1	0.1	0.5	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.3	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.2	0.1	0.0	0.3	10
7:30 AM	0.3	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.1	0.5	10
8:00 AM	0.2	0.1	0.1	0.4	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	7.9	7.8	0.0	20.5	10
7:30 AM	1.7	3.5	0.0	8.4	10
7:45 AM	7.4	7.4	0.0	19.9	10
8:00 AM	3.0	6.3	0.0	15.9	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	15.2	10.3	0.0	32.6	10
7:30 AM	16.3	8.3	0.0	31.1	10
7:45 AM	15.3	12.0	0.0	45.0	10
8:00 AM	9.3	10.4	0.0	32.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	22.9	6.5	16.7	36.9	10
7:30 AM	23.5	8.6	15.1	43.9	10
7:45 AM	26.3	22.7	0.0	85.2	10
8:00 AM	24.1	10.7	15.1	45.8	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	38.8	18.8	17.8	67.3	10
7:30 AM	44.9	15.3	21.0	75.8	10
7:45 AM	37.7	16.3	17.8	64.7	10
8:00 AM	44.0	24.4	10.5	91.8	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	63.9	25.2	21.7	110.1	10
7:30 AM	66.1	26.6	33.6	106.4	10
7:45 AM	53.1	22.8	19.6	89.2	10
8:00 AM	67.5	24.5	27.5	99.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	613.4	2.8	608.3	617.3	10
7:30 AM	617.2	1.7	615.2	619.8	10
7:45 AM	615.1	1.6	612.6	618.0	10
8:00 AM	620.6	6.6	613.4	633.2	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	42.3	11.6	27.4	63.5	10
7:30 AM	37.6	15.3	18.4	69.6	10
7:45 AM	33.6	15.3	16.2	60.8	10
8:00 AM	39.8	15.3	18.6	71.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	15.9	7.7	0.0	27.7	10
7:30 AM	25.8	10.3	8.7	41.5	10
7:45 AM	22.1	15.0	0.0	45.3	10
8:00 AM	22.1	11.5	9.9	48.1	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	12.5	6.3	0.0	19.6	10
7:30 AM	9.7	5.4	0.0	20.1	10
7:45 AM	10.1	9.1	0.0	24.3	10
8:00 AM	12.1	10.5	0.0	37.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	79.8	30.4	48.7	151.2	10
7:30 AM	75.8	20.2	56.2	126.1	10
7:45 AM	91.7	37.0	46.0	181.3	10
8:00 AM	62.9	15.9	44.3	93.6	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	28.6	10.5	17.0	48.0	10
7:30 AM	25.0	12.3	8.7	44.0	10
7:45 AM	24.3	9.2	8.6	38.8	10
8:00 AM	19.1	6.8	9.2	33.0	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	32.1	17.3	0.0	51.8	10
7:30 AM	37.3	14.3	18.6	59.3	10
7:45 AM	35.5	16.7	10.4	69.9	10
8:00 AM	30.9	18.2	10.4	67.2	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.5	0.4	0.0	1.0	10
7:30 AM	0.1	0.2	0.0	0.5	10
7:45 AM	0.4	0.4	0.0	1.0	10
8:00 AM	0.2	0.4	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.8	0.4	0.0	1.5	10
7:30 AM	0.9	0.4	0.0	1.5	10
7:45 AM	0.8	0.5	0.0	2.0	10
8:00 AM	0.5	0.5	0.0	1.6	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	1.1	0.2	1.0	1.5	10
7:30 AM	1.1	0.3	1.0	2.0	10
7:45 AM	1.1	0.6	0.0	2.5	10
8:00 AM	1.1	0.3	1.0	2.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	1.6	0.5	1.0	2.1	10
7:30 AM	1.6	0.5	1.0	2.5	10
7:45 AM	1.4	0.3	1.0	2.0	10
8:00 AM	1.7	0.7	0.6	3.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	2.2	0.9	1.0	3.5	10
7:30 AM	2.3	0.5	1.5	3.0	10
7:45 AM	1.8	0.6	0.5	2.5	10
8:00 AM	2.4	0.7	1.0	3.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	22.1	0.4	21.5	23.0	10
7:30 AM	22.1	0.6	21.0	23.0	10
7:45 AM	22.3	0.4	22.0	23.0	10
8:00 AM	22.5	0.6	22.0	24.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	1.7	0.4	1.0	2.5	10
7:30 AM	1.6	0.6	1.0	2.5	10
7:45 AM	1.4	0.5	1.0	2.0	10
8:00 AM	1.5	0.6	1.0	2.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.9	0.3	0.0	1.0	10
7:30 AM	1.1	0.4	0.5	2.0	10
7:45 AM	1.0	0.6	0.0	1.5	10
8:00 AM	1.0	0.3	0.6	1.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.7	0.3	0.0	1.0	10
7:30 AM	0.6	0.3	0.0	1.0	10
7:45 AM	0.6	0.4	0.0	1.0	10
8:00 AM	0.7	0.5	0.0	1.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	2.9	0.9	2.0	5.0	10
7:30 AM	2.8	0.7	2.0	4.1	10
7:45 AM	3.2	1.3	2.0	6.5	10
8:00 AM	2.5	0.6	2.0	3.6	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	1.3	0.4	1.0	2.1	10
7:30 AM	1.2	0.5	0.5	2.0	10
7:45 AM	1.2	0.3	0.5	1.5	10
8:00 AM	1.0	0.2	0.6	1.6	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	1.4	0.6	0.0	2.1	10
7:30 AM	1.6	0.5	1.0	2.5	10
7:45 AM	1.4	0.7	0.5	3.0	10
8:00 AM	1.2	0.4	0.6	2.0	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	0.6	0.1	0.4	0.8	10
7:30 AM	0.6	0.1	0.5	0.7	10
7:45 AM	0.7	0.1	0.6	0.8	10
8:00 AM	0.6	0.1	0.5	0.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	1	78.0	0.10	3.8	A
3:30 PM	2	74.0	0.10	3.7	A
3:30 PM	3	78.0	0.10	3.1	A
3:30 PM	4	78.0	0.10	3.5	A
3:30 PM	5	78.0	0.10	3.4	A
3:30 PM	6	77.0	0.10	3.9	A
3:30 PM	7	76.0	0.10	3.7	A
3:30 PM	8	75.0	0.10	4.4	A
3:30 PM	9	76.0	0.10	3.5	A
3:30 PM	10	78.0	0.10	3.7	A
3:45 PM	1	75.0	0.10	3.6	A
3:45 PM	2	79.0	0.10	3.4	A
3:45 PM	3	78.0	0.10	3.3	A
3:45 PM	4	77.0	0.10	3.6	A
3:45 PM	5	77.0	0.10	3.5	A
3:45 PM	6	76.0	0.10	3.7	A
3:45 PM	7	80.0	0.10	4.1	A
3:45 PM	8	82.0	0.10	4.1	A
3:45 PM	9	79.0	0.10	3.4	A
3:45 PM	10	77.0	0.10	4.5	A
4:00 PM	1	79.0	0.10	3.2	A
4:00 PM	2	80.0	0.10	4.0	A
4:00 PM	3	77.0	0.10	3.9	A
4:00 PM	4	77.0	0.10	3.9	A
4:00 PM	5	78.0	0.10	3.0	A
4:00 PM	6	78.0	0.10	3.3	A
4:00 PM	7	78.0	0.10	3.1	A
4:00 PM	8	75.0	0.10	3.7	A
4:00 PM	9	76.0	0.10	3.1	A
4:00 PM	10	77.0	0.10	3.7	A
4:15 PM	1	78.0	0.10	3.4	A
4:15 PM	2	76.0	0.10	4.0	A
4:15 PM	3	76.0	0.10	3.8	A
4:15 PM	4	78.0	0.10	3.7	A
4:15 PM	5	78.0	0.10	4.8	A
4:15 PM	6	78.0	0.10	4.3	A
4:15 PM	7	77.0	0.10	3.7	A
4:15 PM	8	77.0	0.10	3.8	A
4:15 PM	9	80.0	0.10	3.7	A
4:15 PM	10	78.0	0.10	3.8	A
3:30 PM	Avg	76.8	0.10	3.7	A
3:45 PM	Avg	78.0	0.10	3.7	A
4:00 PM	Avg	77.5	0.10	3.5	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	77.6	0.10	3.9	A
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	1	137.0	0.20	4.8	A
3:30 PM	2	132.0	0.10	3.6	A
3:30 PM	3	138.0	0.20	4.0	A
3:30 PM	4	132.0	0.10	4.0	A
3:30 PM	5	137.0	0.10	3.7	A
3:30 PM	6	136.0	0.20	4.3	A
3:30 PM	7	135.0	0.20	4.9	A
3:30 PM	8	133.0	0.10	3.6	A
3:30 PM	9	134.0	0.20	4.1	A
3:30 PM	10	132.0	0.20	4.9	A
3:45 PM	1	132.0	0.20	4.4	A
3:45 PM	2	135.0	0.20	4.1	A
3:45 PM	3	135.0	0.20	4.6	A
3:45 PM	4	137.0	0.20	4.8	A
3:45 PM	5	135.0	0.20	4.8	A
3:45 PM	6	135.0	0.10	3.6	A
3:45 PM	7	137.0	0.20	4.1	A
3:45 PM	8	135.0	0.20	4.6	A
3:45 PM	9	133.0	0.20	4.1	A
3:45 PM	10	134.0	0.20	4.1	A
4:00 PM	1	136.0	0.20	4.1	A
4:00 PM	2	137.0	0.20	4.2	A
4:00 PM	3	136.0	0.10	3.9	A
4:00 PM	4	135.0	0.20	4.3	A
4:00 PM	5	133.0	0.10	3.9	A
4:00 PM	6	136.0	0.20	4.4	A
4:00 PM	7	132.0	0.20	4.5	A
4:00 PM	8	134.0	0.10	3.9	A
4:00 PM	9	137.0	0.20	4.5	A
4:00 PM	10	137.0	0.20	4.5	A
4:15 PM	1	137.0	0.20	4.0	A
4:15 PM	2	132.0	0.10	3.6	A
4:15 PM	3	135.0	0.20	4.6	A
4:15 PM	4	134.0	0.20	4.7	A
4:15 PM	5	135.0	0.20	4.3	A
4:15 PM	6	133.0	0.20	4.5	A
4:15 PM	7	135.0	0.10	3.9	A
4:15 PM	8	138.0	0.20	4.0	A
4:15 PM	9	136.0	0.20	4.9	A
4:15 PM	10	137.0	0.20	4.6	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	134.6	0.16	4.2	A
3:45 PM	Avg	134.8	0.19	4.3	A
4:00 PM	Avg	135.3	0.17	4.2	A
4:15 PM	Avg	135.2	0.18	4.3	A
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	1	72.0	0.30	13.9	B
3:30 PM	2	74.0	0.40	18.8	C
3:30 PM	3	73.0	0.50	26.0	D
3:30 PM	4	75.0	0.60	28.4	D
3:30 PM	5	72.0	0.60	29.6	D
3:30 PM	6	69.0	0.50	27.2	D
3:30 PM	7	72.0	0.40	18.3	C
3:30 PM	8	72.0	0.40	21.4	C
3:30 PM	9	76.0	0.40	20.2	C
3:30 PM	10	72.0	0.40	20.7	C
3:45 PM	1	74.0	0.30	15.5	C
3:45 PM	2	74.0	0.50	23.2	C
3:45 PM	3	72.0	0.40	19.2	C
3:45 PM	4	72.0	0.50	25.5	D
3:45 PM	5	72.0	0.50	25.0	D
3:45 PM	6	73.0	0.50	24.2	C
3:45 PM	7	74.0	0.50	23.5	C
3:45 PM	8	73.0	0.50	26.4	D
3:45 PM	9	71.0	0.30	16.8	C
3:45 PM	10	74.0	0.40	18.4	C
4:00 PM	1	71.0	0.40	19.0	C
4:00 PM	2	69.0	0.30	16.7	C
4:00 PM	3	72.0	0.40	21.3	C
4:00 PM	4	73.0	0.50	25.0	D
4:00 PM	5	73.0	0.60	31.3	D
4:00 PM	6	73.0	0.50	25.1	D
4:00 PM	7	71.0	0.30	15.1	C
4:00 PM	8	76.0	0.40	18.3	C
4:00 PM	9	73.0	0.40	20.4	C
4:00 PM	10	72.0	0.40	17.9	C
4:15 PM	1	73.0	0.40	17.8	C
4:15 PM	2	76.0	0.50	23.2	C
4:15 PM	3	74.0	0.40	17.6	C
4:15 PM	4	70.0	0.30	17.2	C
4:15 PM	5	70.0	0.40	20.3	C
4:15 PM	6	72.0	0.40	18.6	C
4:15 PM	7	73.0	0.40	18.4	C

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	70.0	0.40	22.5	C
4:15 PM	9	70.0	0.30	15.2	C
4:15 PM	10	73.0	0.70	33.0	D
3:30 PM	Avg	72.7	0.45	22.4	C
3:45 PM	Avg	72.9	0.44	21.8	C
4:00 PM	Avg	72.3	0.42	21.0	C
4:15 PM	Avg	72.1	0.42	20.4	C
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	1	98.0	0.30	11.1	B
3:30 PM	2	101.0	0.30	9.5	A
3:30 PM	3	98.0	0.30	9.7	A
3:30 PM	4	100.0	0.20	8.5	A
3:30 PM	5	99.0	0.30	9.1	A
3:30 PM	6	99.0	0.30	10.0	A
3:30 PM	7	101.0	0.40	12.6	B
3:30 PM	8	100.0	0.30	12.4	B
3:30 PM	9	102.0	0.20	8.7	A
3:30 PM	10	100.0	0.20	8.8	A
3:45 PM	1	103.0	0.30	10.6	B
3:45 PM	2	101.0	0.30	10.2	B
3:45 PM	3	103.0	0.30	9.3	A
3:45 PM	4	100.0	0.30	9.6	A
3:45 PM	5	101.0	0.30	9.1	A
3:45 PM	6	102.0	0.20	8.7	A
3:45 PM	7	102.0	0.30	8.9	A
3:45 PM	8	99.0	0.20	8.5	A
3:45 PM	9	101.0	0.30	9.4	A
3:45 PM	10	100.0	0.20	7.9	A
4:00 PM	1	99.0	0.20	8.8	A
4:00 PM	2	99.0	0.20	8.8	A
4:00 PM	3	100.0	0.30	9.1	A
4:00 PM	4	99.0	0.30	9.1	A
4:00 PM	5	99.0	0.20	8.1	A
4:00 PM	6	99.0	0.20	9.0	A
4:00 PM	7	101.0	0.30	10.2	B
4:00 PM	8	101.0	0.30	10.7	B
4:00 PM	9	97.0	0.20	9.2	A
4:00 PM	10	101.0	0.20	8.6	A
4:15 PM	1	98.0	0.30	9.7	A
4:15 PM	2	99.0	0.30	9.5	A
4:15 PM	3	98.0	0.20	8.6	A
4:15 PM	4	102.0	0.30	9.3	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	102.0	0.30	9.4	A
4:15 PM	6	101.0	0.30	9.7	A
4:15 PM	7	100.0	0.20	8.1	A
4:15 PM	8	98.0	0.20	8.2	A
4:15 PM	9	100.0	0.30	9.1	A
4:15 PM	10	100.0	0.20	8.7	A
3:30 PM	Avg	99.8	0.28	10.0	B
3:45 PM	Avg	101.2	0.27	9.2	A
4:00 PM	Avg	99.5	0.24	9.2	A
4:15 PM	Avg	99.8	0.26	9.0	A
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	1	150.0	0.80	20.0	C
3:30 PM	2	151.0	0.40	9.8	A
3:30 PM	3	148.0	0.40	9.1	A
3:30 PM	4	145.0	0.40	9.1	A
3:30 PM	5	147.0	0.50	13.0	B
3:30 PM	6	148.0	0.30	7.8	A
3:30 PM	7	147.0	0.50	13.0	B
3:30 PM	8	153.0	0.50	12.5	B
3:30 PM	9	149.0	0.40	9.4	A
3:30 PM	10	146.0	0.40	9.9	A
3:45 PM	1	148.0	0.40	10.6	B
3:45 PM	2	147.0	0.30	7.7	A
3:45 PM	3	145.0	0.70	18.5	C
3:45 PM	4	143.0	0.60	15.3	C
3:45 PM	5	146.0	0.40	8.8	A
3:45 PM	6	145.0	0.30	8.6	A
3:45 PM	7	149.0	0.60	15.4	C
3:45 PM	8	141.0	0.40	9.3	A
3:45 PM	9	147.0	0.40	9.9	A
3:45 PM	10	146.0	0.40	8.9	A
4:00 PM	1	148.0	0.40	10.2	B
4:00 PM	2	146.0	0.40	9.4	A
4:00 PM	3	149.0	0.60	14.7	B
4:00 PM	4	151.0	0.50	12.7	B
4:00 PM	5	146.0	0.40	10.6	B
4:00 PM	6	150.0	0.60	13.8	B
4:00 PM	7	148.0	0.30	8.0	A
4:00 PM	8	152.0	0.40	10.3	B
4:00 PM	9	148.0	0.30	6.9	A
4:00 PM	10	150.0	0.40	9.1	A
4:15 PM	1	148.0	0.40	10.5	B

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	148.0	0.70	16.8	C
4:15 PM	3	146.0	0.40	9.9	A
4:15 PM	4	149.0	0.60	13.7	B
4:15 PM	5	151.0	0.40	10.6	B
4:15 PM	6	147.0	0.40	9.9	A
4:15 PM	7	145.0	0.40	8.8	A
4:15 PM	8	144.0	0.50	13.7	B
4:15 PM	9	149.0	0.60	13.6	B
4:15 PM	10	148.0	0.40	9.0	A
3:30 PM	Avg	148.4	0.46	11.4	B
3:45 PM	Avg	145.7	0.45	11.3	B
4:00 PM	Avg	148.8	0.43	10.6	B
4:15 PM	Avg	147.5	0.48	11.6	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	1	100.0	0.90	31.8	D
3:30 PM	2	96.0	1.80	69.3	F
3:30 PM	3	103.0	0.70	25.9	D
3:30 PM	4	99.0	0.60	23.4	C
3:30 PM	5	98.0	0.60	20.9	C
3:30 PM	6	99.0	1.00	36.8	E
3:30 PM	7	92.0	0.60	24.2	C
3:30 PM	8	95.0	0.40	16.1	C
3:30 PM	9	95.0	0.90	33.8	D
3:30 PM	10	99.0	0.70	26.7	D
3:45 PM	1	97.0	1.10	39.2	E
3:45 PM	2	99.0	0.80	29.5	D
3:45 PM	3	95.0	0.50	18.1	C
3:45 PM	4	99.0	0.40	15.4	C
3:45 PM	5	98.0	0.80	28.1	D
3:45 PM	6	98.0	0.70	26.7	D
3:45 PM	7	100.0	0.90	33.1	D
3:45 PM	8	99.0	0.70	25.5	D
3:45 PM	9	95.0	0.60	22.8	C
3:45 PM	10	96.0	0.50	17.1	C
4:00 PM	1	97.0	0.70	26.8	D
4:00 PM	2	99.0	0.50	19.4	C
4:00 PM	3	97.0	0.50	17.8	C
4:00 PM	4	93.0	0.90	33.2	D
4:00 PM	5	99.0	1.00	35.9	E
4:00 PM	6	97.0	1.30	48.4	E
4:00 PM	7	100.0	1.00	36.7	E
4:00 PM	8	94.0	0.50	18.5	C
4:00 PM	9	97.0	0.70	26.5	D
4:00 PM	10	94.0	0.70	26.0	D
4:15 PM	1	100.0	0.70	23.6	C
4:15 PM	2	94.0	0.40	16.3	C
4:15 PM	3	100.0	0.70	24.6	C
4:15 PM	4	101.0	1.20	42.8	E
4:15 PM	5	99.0	0.50	19.4	C
4:15 PM	6	98.0	0.50	17.5	C
4:15 PM	7	93.0	0.60	21.8	C
4:15 PM	8	100.0	1.00	35.7	E
4:15 PM	9	104.0	0.90	29.6	D
4:15 PM	10	100.0	0.80	27.4	D
3:30 PM	Avg	97.6	0.82	30.9	D
3:45 PM	Avg	97.6	0.70	25.5	D
4:00 PM	Avg	96.7	0.78	28.9	D

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	98.9	0.73	25.9	D
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	1	114.0	0.40	11.4	B
3:30 PM	2	114.0	0.40	12.7	B
3:30 PM	3	117.0	0.40	10.9	B
3:30 PM	4	113.0	0.40	11.6	B
3:30 PM	5	110.0	0.40	13.3	B
3:30 PM	6	111.0	0.50	15.0	B
3:30 PM	7	114.0	0.40	12.2	B
3:30 PM	8	113.0	0.40	12.9	B
3:30 PM	9	110.0	0.40	14.1	B
3:30 PM	10	110.0	0.40	11.9	B
3:45 PM	1	113.0	0.40	11.6	B
3:45 PM	2	114.0	0.50	14.6	B
3:45 PM	3	109.0	0.50	15.4	C
3:45 PM	4	113.0	0.30	10.8	B
3:45 PM	5	115.0	0.40	12.9	B
3:45 PM	6	114.0	0.30	10.3	B
3:45 PM	7	111.0	0.50	15.4	C
3:45 PM	8	115.0	0.30	10.4	B
3:45 PM	9	117.0	0.50	14.0	B
3:45 PM	10	117.0	0.40	11.4	B
4:00 PM	1	113.0	0.30	11.0	B
4:00 PM	2	114.0	0.40	13.4	B
4:00 PM	3	115.0	0.40	12.7	B
4:00 PM	4	114.0	0.40	11.9	B
4:00 PM	5	114.0	0.40	12.8	B
4:00 PM	6	112.0	0.30	9.9	A
4:00 PM	7	114.0	0.50	14.7	B
4:00 PM	8	108.0	0.40	12.3	B
4:00 PM	9	112.0	0.30	10.3	B
4:00 PM	10	112.0	0.40	12.7	B
4:15 PM	1	114.0	0.40	11.2	B
4:15 PM	2	112.0	0.30	10.1	B
4:15 PM	3	110.0	0.30	11.0	B
4:15 PM	4	108.0	0.40	11.8	B
4:15 PM	5	113.0	0.50	15.1	C
4:15 PM	6	114.0	0.40	12.1	B
4:15 PM	7	114.0	0.40	12.0	B
4:15 PM	8	113.0	0.40	12.9	B
4:15 PM	9	112.0	0.40	12.8	B
4:15 PM	10	113.0	0.40	14.0	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	112.6	0.41	12.6	B
3:45 PM	Avg	113.8	0.41	12.7	B
4:00 PM	Avg	112.8	0.38	12.2	B
4:15 PM	Avg	112.3	0.39	12.3	B
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
3:30 PM	1	97.0	0.20	9.0	A
3:30 PM	2	95.0	0.20	8.4	A
3:30 PM	3	94.0	0.20	7.2	A
3:30 PM	4	95.0	0.20	8.8	A
3:30 PM	5	96.0	0.20	8.3	A
3:30 PM	6	94.0	0.20	7.4	A
3:30 PM	7	96.0	0.20	7.9	A
3:30 PM	8	94.0	0.20	9.0	A
3:30 PM	9	95.0	0.20	9.4	A
3:30 PM	10	94.0	0.20	8.2	A
3:45 PM	1	93.0	0.20	9.0	A
3:45 PM	2	94.0	0.20	8.3	A
3:45 PM	3	96.0	0.20	8.2	A
3:45 PM	4	94.0	0.20	8.0	A
3:45 PM	5	95.0	0.20	8.6	A
3:45 PM	6	94.0	0.20	8.1	A
3:45 PM	7	94.0	0.30	10.1	B
3:45 PM	8	96.0	0.20	8.3	A
3:45 PM	9	97.0	0.20	7.6	A
3:45 PM	10	93.0	0.20	8.8	A
4:00 PM	1	95.0	0.20	8.3	A
4:00 PM	2	96.0	0.30	9.7	A
4:00 PM	3	95.0	0.20	7.8	A
4:00 PM	4	96.0	0.20	8.7	A
4:00 PM	5	95.0	0.20	6.8	A
4:00 PM	6	98.0	0.20	9.0	A
4:00 PM	7	93.0	0.20	8.6	A
4:00 PM	8	94.0	0.20	9.5	A
4:00 PM	9	95.0	0.20	7.5	A
4:00 PM	10	97.0	0.20	9.1	A
4:15 PM	1	94.0	0.20	7.9	A
4:15 PM	2	95.0	0.20	8.9	A
4:15 PM	3	94.0	0.20	8.3	A
4:15 PM	4	95.0	0.30	10.0	B
4:15 PM	5	94.0	0.20	9.1	A
4:15 PM	6	94.0	0.20	7.9	A
4:15 PM	7	98.0	0.20	8.1	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	94.0	0.20	9.1	A
4:15 PM	9	93.0	0.20	8.3	A
4:15 PM	10	94.0	0.20	8.8	A
3:30 PM	Avg	95.0	0.20	8.3	A
3:45 PM	Avg	94.6	0.21	8.5	A
4:00 PM	Avg	95.4	0.21	8.5	A
4:15 PM	Avg	94.5	0.21	8.7	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	1	34.0	0.10	11.5	B
3:30 PM	2	34.0	0.10	12.1	B
3:30 PM	3	36.0	0.10	11.3	B
3:30 PM	4	35.0	0.10	10.6	B
3:30 PM	5	35.0	0.10	10.8	B
3:30 PM	6	37.0	0.10	11.9	B
3:30 PM	7	37.0	0.10	10.5	B
3:30 PM	8	36.0	0.10	10.9	B
3:30 PM	9	34.0	0.10	11.6	B
3:30 PM	10	35.0	0.10	10.6	B
3:45 PM	1	33.0	0.10	9.2	A
3:45 PM	2	36.0	0.10	14.7	B
3:45 PM	3	35.0	0.10	11.9	B
3:45 PM	4	35.0	0.10	11.6	B
3:45 PM	5	35.0	0.10	13.6	B
3:45 PM	6	36.0	0.10	9.2	A
3:45 PM	7	35.0	0.10	10.3	B
3:45 PM	8	36.0	0.10	11.3	B
3:45 PM	9	36.0	0.10	9.2	A
3:45 PM	10	34.0	0.10	11.3	B
4:00 PM	1	38.0	0.10	10.9	B
4:00 PM	2	35.0	0.10	7.9	A
4:00 PM	3	34.0	0.10	10.1	B
4:00 PM	4	37.0	0.10	11.0	B
4:00 PM	5	33.0	0.10	10.5	B
4:00 PM	6	34.0	0.10	8.2	A
4:00 PM	7	35.0	0.10	11.1	B
4:00 PM	8	35.0	0.10	10.6	B
4:00 PM	9	35.0	0.10	10.9	B
4:00 PM	10	38.0	0.10	10.4	B
4:15 PM	1	36.0	0.10	10.7	B
4:15 PM	2	35.0	0.10	10.0	B
4:15 PM	3	36.0	0.10	10.5	B
4:15 PM	4	34.0	0.10	10.8	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	38.0	0.10	10.8	B
4:15 PM	6	36.0	0.10	11.8	B
4:15 PM	7	34.0	0.10	10.8	B
4:15 PM	8	35.0	0.10	10.8	B
4:15 PM	9	37.0	0.10	10.5	B
4:15 PM	10	35.0	0.10	10.9	B
3:30 PM	Avg	35.3	0.10	11.2	B
3:45 PM	Avg	35.1	0.10	11.2	B
4:00 PM	Avg	35.4	0.10	10.2	B
4:15 PM	Avg	35.6	0.10	10.8	B
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	1	101.0	0.50	17.2	C
3:30 PM	2	100.0	0.60	22.3	C
3:30 PM	3	101.0	0.50	18.4	C
3:30 PM	4	102.0	0.50	16.4	C
3:30 PM	5	104.0	0.70	22.6	C
3:30 PM	6	104.0	0.80	26.6	D
3:30 PM	7	102.0	0.40	13.5	B
3:30 PM	8	101.0	0.70	23.6	C
3:30 PM	9	103.0	0.40	15.6	C
3:30 PM	10	101.0	0.50	19.5	C
3:45 PM	1	104.0	0.50	18.4	C
3:45 PM	2	98.0	0.50	20.0	C
3:45 PM	3	107.0	0.50	16.5	C
3:45 PM	4	102.0	0.50	16.8	C
3:45 PM	5	102.0	0.40	13.7	B
3:45 PM	6	101.0	0.40	14.5	B
3:45 PM	7	102.0	0.40	14.7	B
3:45 PM	8	104.0	0.50	18.7	C
3:45 PM	9	103.0	0.50	16.0	C
3:45 PM	10	102.0	0.40	15.3	C
4:00 PM	1	102.0	0.40	13.6	B
4:00 PM	2	107.0	0.50	16.8	C
4:00 PM	3	100.0	0.40	13.3	B
4:00 PM	4	104.0	0.40	15.2	C
4:00 PM	5	100.0	0.40	15.0	B
4:00 PM	6	101.0	0.40	14.1	B
4:00 PM	7	102.0	0.40	14.6	B
4:00 PM	8	104.0	0.40	13.9	B
4:00 PM	9	102.0	0.40	12.4	B
4:00 PM	10	103.0	0.40	13.6	B
4:15 PM	1	102.0	0.40	15.0	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	101.0	0.50	17.3	C
4:15 PM	3	102.0	0.50	16.0	C
4:15 PM	4	103.0	0.50	16.2	C
4:15 PM	5	105.0	0.50	18.3	C
4:15 PM	6	104.0	0.40	14.5	B
4:15 PM	7	103.0	0.50	16.3	C
4:15 PM	8	100.0	0.50	18.3	C
4:15 PM	9	102.0	0.40	15.4	C
4:15 PM	10	105.0	0.40	13.4	B
3:30 PM	Avg	101.9	0.56	19.6	C
3:45 PM	Avg	102.5	0.46	16.5	C
4:00 PM	Avg	102.5	0.41	14.2	B
4:15 PM	Avg	102.7	0.46	16.1	C

WB R on LAKE AVE NW: Lane ID 274843

3:30 PM	1	25.0	0.20	24.6	C
3:30 PM	2	24.0	0.10	15.5	C
3:30 PM	3	25.0	0.10	20.4	C
3:30 PM	4	25.0	0.10	15.3	C
3:30 PM	5	24.0	0.10	16.9	C
3:30 PM	6	24.0	0.10	22.0	C
3:30 PM	7	25.0	0.20	26.1	D
3:30 PM	8	25.0	0.20	24.8	C
3:30 PM	9	29.0	0.20	20.5	C
3:30 PM	10	23.0	0.10	19.5	C
3:45 PM	1	24.0	0.20	22.9	C
3:45 PM	2	26.0	0.30	40.0	E
3:45 PM	3	25.0	0.10	13.0	B
3:45 PM	4	25.0	0.10	16.3	C
3:45 PM	5	27.0	0.10	14.9	B
3:45 PM	6	25.0	0.10	15.5	C
3:45 PM	7	24.0	0.20	24.1	C
3:45 PM	8	24.0	0.10	12.0	B
3:45 PM	9	25.0	0.10	21.6	C
3:45 PM	10	26.0	0.10	14.7	B
4:00 PM	1	24.0	0.10	14.9	B
4:00 PM	2	23.0	0.10	21.4	C
4:00 PM	3	25.0	0.10	18.6	C
4:00 PM	4	25.0	0.20	23.2	C
4:00 PM	5	23.0	0.10	15.5	C
4:00 PM	6	24.0	0.10	14.5	B
4:00 PM	7	26.0	0.20	32.3	D
4:00 PM	8	28.0	0.20	19.5	C

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	9	25.0	0.10	10.4	B
4:00 PM	10	25.0	0.10	12.9	B
4:15 PM	1	26.0	0.20	26.0	D
4:15 PM	2	25.0	0.20	25.9	D
4:15 PM	3	26.0	0.10	16.7	C
4:15 PM	4	25.0	0.20	28.4	D
4:15 PM	5	26.0	0.10	18.2	C
4:15 PM	6	26.0	0.20	25.6	D
4:15 PM	7	23.0	0.20	25.1	D
4:15 PM	8	23.0	0.10	14.5	B
4:15 PM	9	24.0	0.10	21.9	C
4:15 PM	10	24.0	0.10	17.0	C
3:30 PM	Avg	24.9	0.14	20.6	C
3:45 PM	Avg	25.1	0.14	19.5	C
4:00 PM	Avg	24.8	0.13	18.3	C
4:15 PM	Avg	24.8	0.15	21.9	C

WB T on LAKE AVE NW: Lane ID 274842

3:30 PM	1	166.0	0.30	6.9	A
3:30 PM	2	168.0	0.40	8.8	A
3:30 PM	3	159.0	0.20	5.5	A
3:30 PM	4	163.0	0.20	4.6	A
3:30 PM	5	167.0	0.20	5.3	A
3:30 PM	6	163.0	0.20	5.1	A
3:30 PM	7	160.0	0.40	8.8	A
3:30 PM	8	164.0	0.40	9.2	A
3:30 PM	9	162.0	0.30	6.3	A
3:30 PM	10	163.0	0.20	5.0	A
3:45 PM	1	162.0	0.20	5.3	A
3:45 PM	2	166.0	0.30	6.4	A
3:45 PM	3	158.0	0.30	5.8	A
3:45 PM	4	160.0	0.30	6.4	A
3:45 PM	5	161.0	0.20	4.3	A
3:45 PM	6	163.0	0.20	4.7	A
3:45 PM	7	167.0	0.30	7.1	A
3:45 PM	8	165.0	0.30	6.5	A
3:45 PM	9	163.0	0.30	5.6	A
3:45 PM	10	163.0	0.20	4.9	A
4:00 PM	1	161.0	0.30	5.6	A
4:00 PM	2	155.0	0.30	6.7	A
4:00 PM	3	165.0	0.30	6.8	A
4:00 PM	4	166.0	0.30	6.9	A
4:00 PM	5	158.0	0.20	5.4	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	6	162.0	0.20	5.4	A
4:00 PM	7	162.0	0.30	6.8	A
4:00 PM	8	162.0	0.30	5.6	A
4:00 PM	9	163.0	0.20	5.4	A
4:00 PM	10	162.0	0.30	6.2	A
4:15 PM	1	161.0	0.20	4.9	A
4:15 PM	2	166.0	0.30	6.6	A
4:15 PM	3	163.0	0.30	6.1	A
4:15 PM	4	161.0	0.30	6.1	A
4:15 PM	5	166.0	0.30	5.4	A
4:15 PM	6	164.0	0.30	6.5	A
4:15 PM	7	164.0	0.30	7.4	A
4:15 PM	8	158.0	0.30	6.1	A
4:15 PM	9	163.0	0.20	5.5	A
4:15 PM	10	163.0	0.20	5.5	A
3:30 PM	Avg	163.5	0.28	6.5	A
3:45 PM	Avg	162.8	0.26	5.7	A
4:00 PM	Avg	161.6	0.27	6.1	A
4:15 PM	Avg	162.9	0.27	6.0	A

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	0.2	0.1	0.1	0.2	10
3:45 PM	0.2	0.0	0.1	0.2	10
4:00 PM	0.2	0.0	0.1	0.2	10
4:15 PM	0.2	0.0	0.1	0.2	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	0.5	0.1	0.3	0.6	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.4	0.1	0.3	0.6	10
4:15 PM	0.4	0.1	0.3	0.7	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.0	0.2	0.3	10
4:00 PM	0.2	0.1	0.2	0.3	10
4:15 PM	0.3	0.1	0.2	0.3	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	0.5	0.1	0.3	0.8	10
3:45 PM	0.5	0.1	0.3	0.7	10
4:00 PM	0.4	0.1	0.3	0.6	10
4:15 PM	0.5	0.1	0.4	0.7	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	0.8	0.4	0.4	1.8	10
3:45 PM	0.7	0.2	0.4	1.1	10
4:00 PM	0.8	0.3	0.5	1.3	10
4:15 PM	0.7	0.2	0.4	1.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	0.4	0.0	0.4	0.5	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.4	0.1	0.3	0.5	10
4:15 PM	0.4	0.1	0.3	0.5	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
3:30 PM	0.2	0.0	0.2	0.2	10
3:45 PM	0.2	0.0	0.2	0.3	10
4:00 PM	0.2	0.0	0.2	0.3	10
4:15 PM	0.2	0.0	0.2	0.3	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	0.6	0.1	0.4	0.8	10
3:45 PM	0.5	0.1	0.4	0.5	10
4:00 PM	0.4	0.0	0.4	0.5	10
4:15 PM	0.5	0.1	0.4	0.5	10
WB R on LAKE AVE NW: Lane ID 274843					
3:30 PM	0.1	0.1	0.1	0.2	10
3:45 PM	0.1	0.1	0.1	0.3	10
4:00 PM	0.1	0.0	0.1	0.2	10
4:15 PM	0.2	0.1	0.1	0.2	10
WB T on LAKE AVE NW: Lane ID 274842					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.1	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.0	0.2	0.3	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	3.7	0.3	3.1	4.4	10
3:45 PM	3.7	0.4	3.3	4.5	10
4:00 PM	3.5	0.4	3.0	4.0	10
4:15 PM	3.9	0.4	3.4	4.8	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	4.2	0.5	3.6	4.9	10
3:45 PM	4.3	0.4	3.6	4.8	10
4:00 PM	4.2	0.3	3.9	4.5	10
4:15 PM	4.3	0.4	3.6	4.9	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	22.4	5.1	13.9	29.6	10
3:45 PM	21.8	3.9	15.5	26.4	10
4:00 PM	21.0	4.9	15.1	31.3	10
4:15 PM	20.4	5.1	15.2	33.0	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	10.0	1.5	8.5	12.6	10
3:45 PM	9.2	0.8	7.9	10.6	10
4:00 PM	9.2	0.8	8.1	10.7	10
4:15 PM	9.0	0.6	8.1	9.7	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	11.4	3.5	7.8	20.0	10
3:45 PM	11.3	3.7	7.7	18.5	10
4:00 PM	10.6	2.5	6.9	14.7	10
4:15 PM	11.6	2.6	8.8	16.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	30.9	14.8	16.1	69.3	10
3:45 PM	25.5	7.5	15.4	39.2	10
4:00 PM	28.9	9.7	17.8	48.4	10
4:15 PM	25.9	8.3	16.3	42.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	12.6	1.3	10.9	15.0	10
3:45 PM	12.7	2.0	10.3	15.4	10
4:00 PM	12.2	1.4	9.9	14.7	10
4:15 PM	12.3	1.5	10.1	15.1	10
NB T on GREAT LAKES BLVD NW: Lane ID 274811					
3:30 PM	8.3	0.7	7.2	9.4	10
3:45 PM	8.5	0.7	7.6	10.1	10
4:00 PM	8.5	0.9	6.8	9.7	10
4:15 PM	8.7	0.7	7.9	10.0	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	11.2	0.6	10.5	12.1	10
3:45 PM	11.2	1.9	9.2	14.7	10
4:00 PM	10.2	1.2	7.9	11.1	10
4:15 PM	10.8	0.4	10.0	11.8	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	19.6	4.1	13.5	26.6	10
3:45 PM	16.5	2.0	13.7	20.0	10
4:00 PM	14.2	1.2	12.4	16.8	10
4:15 PM	16.1	1.6	13.4	18.3	10
WB R on LAKE AVE NW: Lane ID 274843					
3:30 PM	20.6	3.9	15.3	26.1	10
3:45 PM	19.5	8.3	12.0	40.0	10
4:00 PM	18.3	6.3	10.4	32.3	10
4:15 PM	21.9	4.9	14.5	28.4	10
WB T on LAKE AVE NW: Lane ID 274842					
3:30 PM	6.5	1.8	4.6	9.2	10
3:45 PM	5.7	0.9	4.3	7.1	10
4:00 PM	6.1	0.6	5.4	6.9	10
4:15 PM	6.0	0.7	4.9	7.4	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 **NODE: 7**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
3:30 PM	1	30.0	2.8	0.2	17.2	1.0	0.0%
3:30 PM	2	30.0	1.7	0.1	10.0	0.5	0.0%
3:30 PM	3	30.0	1.0	0.1	7.2	0.5	0.0%
3:30 PM	4	30.0	1.9	0.1	8.4	0.5	0.0%
3:30 PM	5	30.0	1.6	0.1	0.0	0.0	0.0%
3:30 PM	6	30.0	2.0	0.1	12.3	1.0	0.0%
3:30 PM	7	30.0	2.6	0.1	17.7	1.0	0.0%
3:30 PM	8	30.0	1.6	0.1	14.9	1.0	0.0%
3:30 PM	9	30.0	2.8	0.2	17.1	1.0	0.0%
3:30 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	0.5	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.5	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	2.3	0.1	8.0	0.5	0.0%
3:45 PM	7	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.3	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.9	0.1	6.1	0.5	0.0%
3:45 PM	10	30.0	3.6	0.2	17.4	1.0	0.0%
4:00 PM	1	30.0	2.3	0.1	19.8	1.0	0.0%
4:00 PM	2	30.0	3.8	0.2	16.7	1.0	0.0%
4:00 PM	3	30.0	2.4	0.1	18.0	1.0	0.0%
4:00 PM	4	30.0	3.2	0.2	17.3	1.0	0.0%
4:00 PM	5	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	1.7	0.1	16.0	1.0	0.0%
4:00 PM	7	30.0	0.8	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	3.0	0.2	16.9	1.0	0.0%
4:00 PM	9	30.0	0.4	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	1.2	0.1	5.3	0.5	0.0%
4:15 PM	1	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	5.3	0.2	29.6	1.0	0.0%
4:15 PM	3	29.0	0.7	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	3.4	0.2	19.8	1.0	0.0%
4:15 PM	5	29.0	2.8	0.1	16.4	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	5.8	0.2	39.4	1.0	0.0%
4:15 PM	7	29.0	1.6	0.1	14.5	1.0	0.0%
4:15 PM	8	29.0	2.6	0.1	16.2	1.0	0.0%
4:15 PM	9	29.0	2.7	0.1	18.4	1.0	0.0%
4:15 PM	10	29.0	2.5	0.1	14.8	1.0	0.0%
3:30 PM	Avg	30.0	1.8	0.1	10.5	0.7	0.0%
3:45 PM	Avg	30.0	1.1	0.0	3.2	0.2	0.0%
4:00 PM	Avg	30.0	1.9	0.1	11.0	0.7	0.0%
4:15 PM	Avg	29.0	2.7	0.1	16.9	0.8	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
3:30 PM	1	30.0	11.5	0.5	45.5	2.0	0.0%
3:30 PM	2	30.0	4.4	0.2	23.5	1.0	0.0%
3:30 PM	3	30.0	3.3	0.2	20.9	1.0	0.0%
3:30 PM	4	30.0	5.5	0.3	26.5	1.0	0.0%
3:30 PM	5	30.0	5.6	0.2	43.5	1.0	0.0%
3:30 PM	6	30.0	5.6	0.2	22.9	1.0	0.0%
3:30 PM	7	30.0	9.0	0.3	62.8	2.0	0.0%
3:30 PM	8	30.0	2.6	0.1	15.0	1.0	0.0%
3:30 PM	9	30.0	6.1	0.3	35.1	1.5	0.0%
3:30 PM	10	30.0	3.3	0.2	17.8	1.0	0.0%
3:45 PM	1	30.0	7.9	0.3	48.4	2.0	0.0%
3:45 PM	2	30.0	4.1	0.2	24.1	1.0	0.0%
3:45 PM	3	30.0	5.4	0.3	21.5	1.0	0.0%
3:45 PM	4	30.0	8.5	0.3	68.1	3.0	0.0%
3:45 PM	5	30.0	3.3	0.1	9.5	0.5	0.0%
3:45 PM	6	30.0	2.5	0.1	18.3	1.0	0.0%
3:45 PM	7	30.0	1.0	0.1	7.8	0.5	0.0%
3:45 PM	8	30.0	2.7	0.1	18.2	1.0	0.0%
3:45 PM	9	30.0	4.3	0.2	29.1	1.5	0.0%
3:45 PM	10	30.0	1.2	0.1	8.5	0.5	0.0%
4:00 PM	1	30.0	3.4	0.2	17.3	1.0	0.0%
4:00 PM	2	30.0	10.2	0.5	45.7	2.0	0.0%
4:00 PM	3	30.0	2.2	0.1	8.2	0.5	0.0%
4:00 PM	4	30.0	10.5	0.5	50.6	2.0	0.0%
4:00 PM	5	30.0	2.6	0.1	17.5	1.0	0.0%
4:00 PM	6	30.0	2.6	0.1	16.0	1.0	0.0%
4:00 PM	7	30.0	7.1	0.3	42.5	1.5	0.0%
4:00 PM	8	30.0	4.8	0.2	25.5	1.0	0.0%
4:00 PM	9	30.0	1.3	0.1	9.9	0.5	0.0%
4:00 PM	10	30.0	2.9	0.1	21.9	1.0	0.0%
4:15 PM	1	29.0	5.5	0.2	35.9	1.6	0.0%
4:15 PM	2	29.0	2.2	0.1	15.3	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	3.8	0.2	19.7	1.0	0.0%
4:15 PM	4	29.0	5.1	0.2	35.1	1.0	0.0%
4:15 PM	5	29.0	5.4	0.2	39.7	1.6	0.0%
4:15 PM	6	29.0	2.1	0.1	19.6	1.0	0.0%
4:15 PM	7	29.0	6.6	0.3	27.8	1.0	0.0%
4:15 PM	8	29.0	5.5	0.2	29.1	1.0	0.0%
4:15 PM	9	29.0	8.9	0.4	60.4	2.6	0.0%
4:15 PM	10	29.0	5.4	0.2	28.1	1.0	0.0%
3:30 PM	Avg	30.0	5.7	0.3	31.4	1.3	0.0%
3:45 PM	Avg	30.0	4.1	0.2	25.4	1.2	0.0%
4:00 PM	Avg	30.0	4.8	0.2	25.5	1.2	0.0%
4:15 PM	Avg	29.0	5.1	0.2	31.1	1.3	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
3:30 PM	1	30.0	20.8	0.9	85.2	3.0	0.0%
3:30 PM	2	30.0	23.9	1.0	92.4	3.5	0.0%
3:30 PM	3	30.0	38.0	1.5	116.4	4.5	0.0%
3:30 PM	4	30.0	43.7	1.8	139.5	5.0	0.0%
3:30 PM	5	30.0	50.5	1.9	166.4	6.0	0.0%
3:30 PM	6	30.0	53.6	2.0	122.4	4.0	0.0%
3:30 PM	7	30.0	22.3	0.9	90.9	3.0	0.0%
3:30 PM	8	30.0	33.9	1.4	97.7	4.0	0.0%
3:30 PM	9	30.0	38.2	1.5	85.2	3.0	0.0%
3:30 PM	10	30.0	28.1	1.1	111.1	3.5	0.0%
3:45 PM	1	30.0	20.5	0.9	71.4	2.5	0.0%
3:45 PM	2	30.0	42.0	1.6	86.7	3.0	0.0%
3:45 PM	3	30.0	34.9	1.3	135.3	4.5	0.0%
3:45 PM	4	30.0	37.2	1.4	134.8	4.5	0.0%
3:45 PM	5	30.0	37.3	1.5	116.2	4.5	0.0%
3:45 PM	6	30.0	40.9	1.6	100.5	4.0	0.0%
3:45 PM	7	30.0	32.4	1.3	100.9	3.5	0.0%
3:45 PM	8	30.0	53.9	2.1	116.6	4.5	0.0%
3:45 PM	9	30.0	19.6	0.9	78.2	3.1	0.0%
3:45 PM	10	30.0	35.9	1.4	102.6	3.5	0.0%
4:00 PM	1	30.0	27.0	1.1	85.2	3.0	0.0%
4:00 PM	2	30.0	18.7	0.8	85.2	3.0	0.0%
4:00 PM	3	30.0	35.1	1.3	135.1	3.5	0.0%
4:00 PM	4	30.0	53.3	2.0	144.3	5.0	0.0%
4:00 PM	5	30.0	50.5	1.8	218.7	6.0	0.0%
4:00 PM	6	30.0	33.4	1.3	136.3	5.0	0.0%
4:00 PM	7	30.0	19.2	0.8	85.2	3.0	0.0%
4:00 PM	8	30.0	20.0	0.8	85.2	3.0	0.0%
4:00 PM	9	30.0	28.3	1.0	121.7	4.1	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	28.2	1.0	85.2	3.0	0.0%
4:15 PM	1	29.0	28.2	1.2	85.2	3.0	0.0%
4:15 PM	2	29.0	47.4	1.7	119.4	4.0	0.0%
4:15 PM	3	29.0	26.7	1.1	95.3	3.0	0.0%
4:15 PM	4	29.0	29.2	1.1	85.2	3.0	0.0%
4:15 PM	5	29.0	31.0	1.3	110.1	4.0	0.0%
4:15 PM	6	29.0	35.8	1.2	107.7	3.0	0.0%
4:15 PM	7	29.0	24.1	1.0	85.2	3.0	0.0%
4:15 PM	8	29.0	26.6	1.1	97.1	3.6	0.0%
4:15 PM	9	29.0	21.1	0.9	85.2	2.6	0.0%
4:15 PM	10	29.0	57.5	2.2	182.8	7.0	0.0%
3:30 PM	Avg	30.0	35.3	1.4	110.7	4.0	0.0%
3:45 PM	Avg	30.0	35.5	1.4	104.3	3.8	0.0%
4:00 PM	Avg	30.0	31.4	1.2	118.2	3.9	0.0%
4:15 PM	Avg	29.0	32.8	1.3	105.3	3.6	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
3:30 PM	1	30.0	18.2	0.8	72.6	3.0	0.0%
3:30 PM	2	30.0	10.7	0.5	45.7	2.0	0.0%
3:30 PM	3	30.0	9.7	0.4	49.9	2.0	0.0%
3:30 PM	4	30.0	12.7	0.5	60.8	2.0	0.0%
3:30 PM	5	30.0	8.4	0.4	44.6	2.0	0.0%
3:30 PM	6	30.0	10.5	0.4	57.9	2.0	0.0%
3:30 PM	7	30.0	19.5	0.7	79.9	2.5	0.0%
3:30 PM	8	30.0	16.7	0.7	85.9	3.5	0.0%
3:30 PM	9	30.0	2.0	0.1	17.5	1.0	0.0%
3:30 PM	10	30.0	13.2	0.5	71.8	2.5	0.0%
3:45 PM	1	30.0	15.1	0.6	73.3	3.0	0.0%
3:45 PM	2	30.0	15.3	0.6	66.0	2.5	0.0%
3:45 PM	3	30.0	12.1	0.4	58.0	1.0	0.0%
3:45 PM	4	30.0	17.0	0.7	64.1	2.5	0.0%
3:45 PM	5	30.0	16.1	0.7	73.0	3.0	0.0%
3:45 PM	6	30.0	13.1	0.6	61.7	2.5	0.0%
3:45 PM	7	30.0	12.5	0.6	69.2	2.5	0.0%
3:45 PM	8	30.0	15.5	0.7	68.4	3.0	0.0%
3:45 PM	9	30.0	6.4	0.3	26.3	1.0	0.0%
3:45 PM	10	30.0	14.6	0.6	50.7	2.0	0.0%
4:00 PM	1	30.0	16.7	0.7	67.2	2.5	0.0%
4:00 PM	2	30.0	8.2	0.4	35.5	1.0	0.0%
4:00 PM	3	30.0	12.6	0.6	51.4	2.0	0.0%
4:00 PM	4	30.0	11.5	0.5	64.4	2.0	0.0%
4:00 PM	5	30.0	11.1	0.5	60.5	2.5	0.0%
4:00 PM	6	30.0	9.6	0.4	57.7	2.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	9.5	0.4	71.5	3.1	0.0%
4:00 PM	8	30.0	15.9	0.7	61.2	2.5	0.0%
4:00 PM	9	30.0	15.5	0.6	83.8	3.1	0.0%
4:00 PM	10	30.0	10.9	0.4	70.8	2.0	0.0%
4:15 PM	1	29.0	7.0	0.3	47.3	2.0	0.0%
4:15 PM	2	29.0	16.2	0.6	79.1	2.6	0.0%
4:15 PM	3	29.0	10.9	0.5	48.0	2.0	0.0%
4:15 PM	4	29.0	10.1	0.4	46.3	2.0	0.0%
4:15 PM	5	29.0	13.9	0.5	56.2	2.0	0.0%
4:15 PM	6	29.0	13.8	0.6	58.1	2.0	0.0%
4:15 PM	7	29.0	8.3	0.4	44.4	1.6	0.0%
4:15 PM	8	29.0	9.5	0.4	47.2	2.0	0.0%
4:15 PM	9	29.0	14.9	0.6	71.0	2.0	0.0%
4:15 PM	10	29.0	8.4	0.4	43.9	2.0	0.0%
3:30 PM	Avg	30.0	12.2	0.5	58.7	2.3	0.0%
3:45 PM	Avg	30.0	13.8	0.6	61.1	2.3	0.0%
4:00 PM	Avg	30.0	12.2	0.5	62.4	2.3	0.0%
4:15 PM	Avg	29.0	11.3	0.5	54.2	2.0	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
3:30 PM	1	30.0	75.0	2.6	243.2	8.5	0.0%
3:30 PM	2	30.0	32.4	1.1	150.1	5.5	0.0%
3:30 PM	3	30.0	18.1	0.6	97.4	3.0	0.0%
3:30 PM	4	30.0	21.8	0.9	97.2	3.5	0.0%
3:30 PM	5	30.0	42.0	1.3	222.0	7.0	0.0%
3:30 PM	6	30.0	21.4	0.8	91.8	2.5	0.0%
3:30 PM	7	30.0	38.3	1.3	155.1	4.5	0.0%
3:30 PM	8	30.0	39.4	1.4	148.6	5.0	0.0%
3:30 PM	9	30.0	28.8	1.1	110.3	3.5	0.0%
3:30 PM	10	30.0	20.6	0.7	101.8	3.0	0.0%
3:45 PM	1	30.0	38.8	1.4	121.4	4.5	0.0%
3:45 PM	2	30.0	24.5	1.0	88.1	3.0	0.0%
3:45 PM	3	30.0	53.8	1.7	205.0	5.5	0.0%
3:45 PM	4	30.0	52.1	1.7	238.7	7.0	0.0%
3:45 PM	5	30.0	16.4	0.7	68.7	2.5	0.0%
3:45 PM	6	30.0	22.6	0.9	71.9	2.5	0.0%
3:45 PM	7	30.0	49.0	1.7	236.4	7.5	0.0%
3:45 PM	8	30.0	21.2	0.7	92.8	3.0	0.0%
3:45 PM	9	30.0	26.7	1.1	99.0	3.5	0.0%
3:45 PM	10	30.0	35.6	1.2	160.9	5.1	0.0%
4:00 PM	1	30.0	24.7	0.7	124.7	3.5	0.0%
4:00 PM	2	30.0	29.1	1.2	96.8	3.5	0.0%
4:00 PM	3	30.0	43.2	1.5	148.6	5.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	34.0	1.1	173.7	5.5	0.0%
4:00 PM	5	30.0	38.6	1.4	113.5	4.5	0.0%
4:00 PM	6	30.0	46.3	1.6	141.2	4.5	0.0%
4:00 PM	7	30.0	17.3	0.7	94.2	3.0	0.0%
4:00 PM	8	30.0	24.9	1.0	114.4	4.5	0.0%
4:00 PM	9	30.0	23.6	0.8	117.9	3.5	0.0%
4:00 PM	10	30.0	16.4	0.7	74.9	3.0	0.0%
4:15 PM	1	29.0	37.9	1.4	116.1	4.6	0.0%
4:15 PM	2	29.0	61.6	2.1	180.2	5.6	0.0%
4:15 PM	3	29.0	25.2	1.0	98.0	3.6	0.0%
4:15 PM	4	29.0	45.3	1.6	198.4	6.0	0.0%
4:15 PM	5	29.0	22.4	0.9	98.0	3.6	0.0%
4:15 PM	6	29.0	24.3	1.0	102.7	3.6	0.0%
4:15 PM	7	29.0	28.2	1.1	100.0	3.0	0.0%
4:15 PM	8	29.0	49.0	1.4	243.7	6.4	0.0%
4:15 PM	9	29.0	52.1	1.8	271.5	8.6	0.0%
4:15 PM	10	29.0	17.9	0.7	65.1	2.6	0.0%
3:30 PM	Avg	30.0	33.8	1.2	141.8	4.6	0.0%
3:45 PM	Avg	30.0	34.1	1.2	138.3	4.4	0.0%
4:00 PM	Avg	30.0	29.8	1.1	120.0	4.1	0.0%
4:15 PM	Avg	29.0	36.4	1.3	147.4	4.8	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
3:30 PM	1	30.0	84.7	3.1	184.8	7.0	0.0%
3:30 PM	2	30.0	156.6	5.4	424.4	14.5	0.0%
3:30 PM	3	30.0	49.7	2.0	165.8	5.5	0.0%
3:30 PM	4	30.0	54.9	2.1	165.8	5.0	0.0%
3:30 PM	5	30.0	47.3	1.8	165.8	5.0	0.0%
3:30 PM	6	30.0	96.4	3.7	234.1	9.0	0.0%
3:30 PM	7	30.0	52.3	2.0	151.7	5.0	0.0%
3:30 PM	8	30.0	37.9	1.6	118.0	4.5	0.0%
3:30 PM	9	30.0	70.8	2.6	239.2	9.5	0.0%
3:30 PM	10	30.0	67.9	2.5	165.8	5.5	0.0%
3:45 PM	1	30.0	91.2	3.2	234.7	7.5	0.0%
3:45 PM	2	30.0	72.8	2.5	171.9	6.0	0.0%
3:45 PM	3	30.0	36.7	1.4	102.2	3.0	0.0%
3:45 PM	4	30.0	24.8	1.1	94.0	4.0	0.0%
3:45 PM	5	30.0	75.8	2.9	177.9	6.0	0.0%
3:45 PM	6	30.0	56.4	2.0	165.8	5.0	0.0%
3:45 PM	7	30.0	62.1	2.4	219.1	8.1	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	47.9	1.9	139.7	5.1	0.0%
3:45 PM	9	30.0	52.4	2.0	141.9	5.0	0.0%
3:45 PM	10	30.0	37.6	1.6	117.1	4.0	0.0%
4:00 PM	1	30.0	42.6	1.6	149.9	4.5	0.0%
4:00 PM	2	30.0	36.0	1.5	127.0	4.6	0.0%
4:00 PM	3	30.0	23.9	1.0	112.4	4.0	0.0%
4:00 PM	4	30.0	85.7	3.2	208.2	7.0	0.0%
4:00 PM	5	30.0	96.0	3.5	221.9	7.5	0.0%
4:00 PM	6	30.0	93.8	3.6	240.8	9.0	0.0%
4:00 PM	7	30.0	103.8	3.7	239.3	8.5	0.0%
4:00 PM	8	30.0	43.4	1.8	138.0	4.5	0.0%
4:00 PM	9	30.0	63.5	2.3	210.2	7.0	0.0%
4:00 PM	10	30.0	54.1	2.1	165.8	5.5	0.0%
4:15 PM	1	29.0	53.3	2.0	165.8	6.0	0.0%
4:15 PM	2	29.0	42.5	1.7	144.9	4.6	0.0%
4:15 PM	3	29.0	55.6	2.1	134.4	5.0	0.0%
4:15 PM	4	29.0	106.4	3.8	236.7	8.6	0.0%
4:15 PM	5	29.0	50.6	2.1	116.5	5.0	0.0%
4:15 PM	6	29.0	28.8	1.1	100.9	4.0	0.0%
4:15 PM	7	29.0	36.2	1.4	154.1	5.0	0.0%
4:15 PM	8	29.0	77.4	2.8	197.0	7.0	0.0%
4:15 PM	9	29.0	62.5	2.5	168.5	6.0	0.0%
4:15 PM	10	29.0	58.5	2.2	165.8	5.6	0.0%
3:30 PM	Avg	30.0	71.9	2.7	201.5	7.1	0.0%
3:45 PM	Avg	30.0	55.8	2.1	156.4	5.4	0.0%
4:00 PM	Avg	30.0	64.3	2.4	181.4	6.2	0.0%
4:15 PM	Avg	29.0	57.2	2.2	158.5	5.7	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
3:30 PM	1	30.0	18.1	0.7	77.1	2.5	0.0%
3:30 PM	2	30.0	15.2	0.7	74.5	3.1	0.0%
3:30 PM	3	30.0	18.2	0.8	68.4	3.0	0.0%
3:30 PM	4	30.0	19.0	0.8	77.2	3.0	0.0%
3:30 PM	5	30.0	25.9	1.0	103.0	3.0	0.0%
3:30 PM	6	30.0	22.8	0.8	98.4	3.5	0.0%
3:30 PM	7	30.0	17.2	0.7	68.5	2.5	0.0%
3:30 PM	8	30.0	14.6	0.7	48.5	2.0	0.0%
3:30 PM	9	30.0	18.4	0.8	75.1	3.0	0.0%
3:30 PM	10	30.0	19.5	0.8	102.4	4.0	0.0%
3:45 PM	1	30.0	21.7	0.8	90.6	2.0	0.0%
3:45 PM	2	30.0	22.9	0.8	113.9	4.1	0.0%
3:45 PM	3	30.0	22.1	0.7	116.2	3.0	0.0%
3:45 PM	4	30.0	17.1	0.7	67.4	2.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	22.4	0.9	85.4	3.0	0.0%
3:45 PM	6	30.0	12.9	0.6	52.4	2.0	0.0%
3:45 PM	7	30.0	32.2	1.3	112.1	4.0	0.0%
3:45 PM	8	30.0	12.1	0.5	68.9	2.5	0.0%
3:45 PM	9	30.0	27.6	1.0	104.3	3.5	0.0%
3:45 PM	10	30.0	13.4	0.6	58.5	2.0	0.0%
4:00 PM	1	30.0	16.1	0.8	69.6	3.0	0.0%
4:00 PM	2	30.0	29.6	1.2	123.6	4.5	0.0%
4:00 PM	3	30.0	15.9	0.7	62.0	2.5	0.0%
4:00 PM	4	30.0	21.5	0.9	93.5	3.5	0.0%
4:00 PM	5	30.0	28.7	1.0	122.2	4.0	0.0%
4:00 PM	6	30.0	14.9	0.6	70.6	3.0	0.0%
4:00 PM	7	30.0	27.6	1.1	109.4	4.5	0.0%
4:00 PM	8	30.0	27.2	1.1	102.0	4.0	0.0%
4:00 PM	9	30.0	12.8	0.6	45.7	2.0	0.0%
4:00 PM	10	30.0	21.2	0.8	81.8	3.0	0.0%
4:15 PM	1	29.0	9.9	0.4	52.1	2.0	0.0%
4:15 PM	2	29.0	20.2	0.8	74.6	3.0	0.0%
4:15 PM	3	29.0	22.9	1.0	72.4	3.0	0.0%
4:15 PM	4	29.0	17.1	0.8	68.9	3.0	0.0%
4:15 PM	5	29.0	20.1	0.7	84.2	2.6	0.0%
4:15 PM	6	29.0	18.8	0.7	50.8	2.0	0.0%
4:15 PM	7	29.0	13.6	0.6	74.7	3.0	0.0%
4:15 PM	8	29.0	20.5	1.0	61.0	2.6	0.0%
4:15 PM	9	29.0	29.8	1.1	125.3	4.0	0.0%
4:15 PM	10	29.0	22.9	0.9	94.1	3.6	0.0%
3:30 PM	Avg	30.0	18.9	0.8	79.3	3.0	0.0%
3:45 PM	Avg	30.0	20.4	0.8	87.0	2.9	0.0%
4:00 PM	Avg	30.0	21.6	0.9	88.0	3.4	0.0%
4:15 PM	Avg	29.0	19.6	0.8	75.8	2.9	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274811							
3:30 PM	1	30.0	9.1	0.3	68.0	2.0	0.0%
3:30 PM	2	30.0	10.3	0.4	59.5	2.5	0.0%
3:30 PM	3	30.0	7.2	0.3	34.6	1.5	0.0%
3:30 PM	4	30.0	7.2	0.3	42.4	1.0	0.0%
3:30 PM	5	30.0	15.7	0.6	71.9	3.0	0.0%
3:30 PM	6	30.0	3.3	0.1	23.9	1.0	0.0%
3:30 PM	7	30.0	4.0	0.2	33.8	1.5	0.0%
3:30 PM	8	30.0	8.0	0.3	40.3	2.0	0.0%
3:30 PM	9	30.0	13.7	0.6	58.6	2.5	0.0%
3:30 PM	10	30.0	12.3	0.5	81.4	2.5	0.0%
3:45 PM	1	30.0	4.7	0.2	22.1	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	6.0	0.2	41.6	1.0	0.0%
3:45 PM	3	30.0	8.7	0.4	41.9	2.0	0.0%
3:45 PM	4	30.0	5.5	0.2	32.5	1.0	0.0%
3:45 PM	5	30.0	3.5	0.2	20.9	1.0	0.0%
3:45 PM	6	30.0	9.5	0.4	50.3	2.1	0.0%
3:45 PM	7	30.0	14.9	0.6	75.8	3.0	0.0%
3:45 PM	8	30.0	7.1	0.3	44.1	2.0	0.0%
3:45 PM	9	30.0	2.1	0.1	15.2	1.0	0.0%
3:45 PM	10	30.0	11.2	0.4	77.3	2.5	0.0%
4:00 PM	1	30.0	5.2	0.3	30.9	1.5	0.0%
4:00 PM	2	30.0	18.8	0.8	65.1	2.5	0.0%
4:00 PM	3	30.0	8.1	0.4	32.5	1.0	0.0%
4:00 PM	4	30.0	11.1	0.5	49.3	2.0	0.0%
4:00 PM	5	30.0	5.3	0.2	35.9	1.5	0.0%
4:00 PM	6	30.0	9.3	0.4	46.1	2.0	0.0%
4:00 PM	7	30.0	8.7	0.4	42.3	1.5	0.0%
4:00 PM	8	30.0	7.4	0.3	43.9	1.5	0.0%
4:00 PM	9	30.0	6.2	0.2	38.1	1.0	0.0%
4:00 PM	10	30.0	9.1	0.3	48.6	2.0	0.0%
4:15 PM	1	29.0	3.2	0.2	16.0	1.0	0.0%
4:15 PM	2	29.0	12.5	0.5	51.0	2.0	0.0%
4:15 PM	3	29.0	10.3	0.5	43.3	2.0	0.0%
4:15 PM	4	29.0	8.6	0.3	55.7	1.6	0.0%
4:15 PM	5	29.0	3.8	0.2	28.3	1.0	0.0%
4:15 PM	6	29.0	10.4	0.5	47.4	2.0	0.0%
4:15 PM	7	29.0	11.8	0.5	60.2	2.6	0.0%
4:15 PM	8	29.0	13.6	0.6	62.4	2.6	0.0%
4:15 PM	9	29.0	5.2	0.2	42.4	1.6	0.0%
4:15 PM	10	29.0	6.3	0.3	34.8	1.6	0.0%
3:30 PM	Avg	30.0	9.1	0.4	51.4	2.0	0.0%
3:45 PM	Avg	30.0	7.3	0.3	42.2	1.7	0.0%
4:00 PM	Avg	30.0	8.9	0.4	43.3	1.7	0.0%
4:15 PM	Avg	29.0	8.6	0.4	44.2	1.8	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 274806							
3:30 PM	1	30.0	4.1	0.2	22.9	1.0	0.0%
3:30 PM	2	30.0	9.5	0.5	35.1	1.5	0.0%
3:30 PM	3	30.0	5.0	0.3	20.2	1.0	0.0%
3:30 PM	4	30.0	4.2	0.2	32.6	1.5	0.0%
3:30 PM	5	30.0	3.3	0.2	30.4	1.5	0.0%
3:30 PM	6	30.0	2.4	0.1	18.8	1.0	0.0%
3:30 PM	7	30.0	4.5	0.2	31.5	1.5	0.0%
3:30 PM	8	30.0	6.6	0.3	28.5	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	3.8	0.2	20.5	1.0	0.0%
3:30 PM	10	30.0	6.7	0.3	44.0	2.0	0.0%
3:45 PM	1	30.0	5.7	0.3	30.5	1.5	0.0%
3:45 PM	2	30.0	10.4	0.5	39.6	2.0	0.0%
3:45 PM	3	30.0	6.1	0.3	37.2	1.5	0.0%
3:45 PM	4	30.0	2.5	0.1	16.4	1.0	0.0%
3:45 PM	5	30.0	6.7	0.3	24.6	1.0	0.0%
3:45 PM	6	30.0	2.6	0.2	15.9	1.0	0.0%
3:45 PM	7	30.0	2.7	0.2	17.2	1.0	0.0%
3:45 PM	8	30.0	8.0	0.3	38.3	1.5	0.0%
3:45 PM	9	30.0	3.2	0.2	16.8	1.0	0.0%
3:45 PM	10	30.0	4.1	0.2	32.3	1.0	0.0%
4:00 PM	1	30.0	1.6	0.1	15.7	1.0	0.0%
4:00 PM	2	30.0	1.7	0.1	16.8	1.0	0.0%
4:00 PM	3	30.0	2.4	0.1	15.1	1.0	0.0%
4:00 PM	4	30.0	2.0	0.1	10.0	0.5	0.0%
4:00 PM	5	30.0	3.2	0.2	15.8	1.0	0.0%
4:00 PM	6	30.0	3.5	0.2	17.8	1.0	0.0%
4:00 PM	7	30.0	5.5	0.3	26.1	1.0	0.0%
4:00 PM	8	30.0	5.3	0.2	40.2	1.5	0.0%
4:00 PM	9	30.0	5.1	0.2	19.1	1.0	0.0%
4:00 PM	10	30.0	6.2	0.3	32.9	1.5	0.0%
4:15 PM	1	29.0	5.1	0.2	21.7	1.0	0.0%
4:15 PM	2	29.0	1.7	0.1	15.7	1.0	0.0%
4:15 PM	3	29.0	3.0	0.2	16.6	1.0	0.0%
4:15 PM	4	29.0	6.8	0.3	36.1	1.0	0.0%
4:15 PM	5	29.0	2.5	0.1	18.3	1.0	0.0%
4:15 PM	6	29.0	8.1	0.3	48.3	1.6	0.0%
4:15 PM	7	29.0	2.8	0.2	16.9	1.0	0.0%
4:15 PM	8	29.0	4.1	0.2	25.7	1.6	0.0%
4:15 PM	9	29.0	3.8	0.2	19.5	1.0	0.0%
4:15 PM	10	29.0	4.0	0.2	24.7	1.0	0.0%
3:30 PM	Avg	30.0	5.0	0.3	28.5	1.3	0.0%
3:45 PM	Avg	30.0	5.2	0.3	26.9	1.3	0.0%
4:00 PM	Avg	30.0	3.7	0.2	21.0	1.1	0.0%
4:15 PM	Avg	29.0	4.2	0.2	24.4	1.1	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 274807							
3:30 PM	1	30.0	23.7	0.9	69.2	3.0	0.0%
3:30 PM	2	30.0	52.5	2.0	158.0	6.0	0.0%
3:30 PM	3	30.0	50.1	2.0	160.6	6.0	0.0%
3:30 PM	4	30.0	26.6	1.1	97.0	3.5	0.0%
3:30 PM	5	30.0	47.3	1.8	181.9	5.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	50.6	1.8	140.7	5.0	0.0%
3:30 PM	7	30.0	20.2	1.0	78.3	3.5	0.0%
3:30 PM	8	30.0	56.9	2.0	185.6	6.0	0.0%
3:30 PM	9	30.0	23.5	0.9	82.8	2.5	0.0%
3:30 PM	10	30.0	41.4	1.7	109.1	4.0	0.0%
3:45 PM	1	30.0	40.7	1.6	109.5	4.0	0.0%
3:45 PM	2	30.0	40.0	1.6	134.8	5.5	0.0%
3:45 PM	3	30.0	38.3	1.6	88.4	3.0	0.0%
3:45 PM	4	30.0	24.2	1.0	115.4	4.1	0.0%
3:45 PM	5	30.0	19.1	0.8	105.1	4.0	0.0%
3:45 PM	6	30.0	25.7	1.0	93.4	3.0	0.0%
3:45 PM	7	30.0	27.4	1.1	78.8	3.0	0.0%
3:45 PM	8	30.0	26.1	1.1	76.4	3.0	0.0%
3:45 PM	9	30.0	31.5	1.1	126.6	3.5	0.0%
3:45 PM	10	30.0	20.6	0.8	118.6	4.0	0.0%
4:00 PM	1	30.0	27.2	1.1	110.4	4.0	0.0%
4:00 PM	2	30.0	22.8	0.9	115.0	4.1	0.0%
4:00 PM	3	30.0	15.5	0.7	55.5	2.0	0.0%
4:00 PM	4	30.0	18.4	0.8	60.0	2.5	0.0%
4:00 PM	5	30.0	44.0	1.6	124.0	3.5	0.0%
4:00 PM	6	30.0	27.0	1.2	79.4	3.0	0.0%
4:00 PM	7	30.0	23.6	0.9	94.4	3.5	0.0%
4:00 PM	8	30.0	26.3	1.1	74.7	3.0	0.0%
4:00 PM	9	30.0	23.9	1.1	62.8	2.5	0.0%
4:00 PM	10	30.0	27.7	1.1	102.4	3.5	0.0%
4:15 PM	1	29.0	29.3	1.1	102.9	3.0	0.0%
4:15 PM	2	29.0	28.4	1.1	111.5	3.6	0.0%
4:15 PM	3	29.0	18.5	0.8	69.3	2.6	0.0%
4:15 PM	4	29.0	39.6	1.4	135.2	4.6	0.0%
4:15 PM	5	29.0	30.1	1.2	120.1	4.6	0.0%
4:15 PM	6	29.0	31.5	1.2	95.9	3.0	0.0%
4:15 PM	7	29.0	35.1	1.4	119.4	4.6	0.0%
4:15 PM	8	29.0	31.7	1.1	121.8	3.6	0.0%
4:15 PM	9	29.0	25.3	0.9	114.2	3.0	0.0%
4:15 PM	10	29.0	20.5	0.9	75.9	2.6	0.0%
3:30 PM	Avg	30.0	39.3	1.5	126.3	4.5	0.0%
3:45 PM	Avg	30.0	29.4	1.2	104.7	3.7	0.0%
4:00 PM	Avg	30.0	25.6	1.1	87.9	3.2	0.0%
4:15 PM	Avg	29.0	29.0	1.1	106.6	3.5	0.0%
WB R on LAKE AVE NW - Lane ID 274843							
3:30 PM	1	30.0	10.6	0.5	42.8	2.0	0.0%
3:30 PM	2	30.0	8.1	0.4	39.6	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	10.9	0.4	56.9	1.5	0.0%
3:30 PM	4	30.0	5.5	0.3	17.3	1.0	0.0%
3:30 PM	5	30.0	10.5	0.4	45.4	1.5	0.0%
3:30 PM	6	30.0	10.4	0.5	48.3	2.0	0.0%
3:30 PM	7	30.0	8.5	0.4	48.2	2.0	0.0%
3:30 PM	8	30.0	11.3	0.5	50.5	2.0	0.0%
3:30 PM	9	30.0	10.5	0.4	57.5	2.0	0.0%
3:30 PM	10	30.0	8.5	0.4	47.5	2.1	0.0%
3:45 PM	1	30.0	15.6	0.6	78.7	2.0	0.0%
3:45 PM	2	30.0	22.7	0.8	94.4	3.0	0.0%
3:45 PM	3	30.0	4.0	0.2	22.4	1.5	0.0%
3:45 PM	4	30.0	5.8	0.3	21.8	1.0	0.0%
3:45 PM	5	30.0	6.2	0.3	20.9	1.0	0.0%
3:45 PM	6	30.0	6.3	0.3	45.4	1.5	0.0%
3:45 PM	7	30.0	8.8	0.4	44.8	2.0	0.0%
3:45 PM	8	30.0	3.0	0.2	18.4	1.0	0.0%
3:45 PM	9	30.0	9.5	0.4	53.8	2.1	0.0%
3:45 PM	10	30.0	4.2	0.2	18.2	1.0	0.0%
4:00 PM	1	30.0	14.8	0.7	49.8	2.0	0.0%
4:00 PM	2	30.0	11.6	0.5	48.7	2.0	0.0%
4:00 PM	3	30.0	8.4	0.4	32.4	1.0	0.0%
4:00 PM	4	30.0	8.5	0.4	41.9	1.5	0.0%
4:00 PM	5	30.0	5.3	0.3	21.3	1.0	0.0%
4:00 PM	6	30.0	3.4	0.2	16.9	1.0	0.0%
4:00 PM	7	30.0	9.1	0.5	45.5	2.0	0.0%
4:00 PM	8	30.0	9.5	0.4	45.6	2.0	0.0%
4:00 PM	9	30.0	5.0	0.2	26.2	1.0	0.0%
4:00 PM	10	30.0	4.1	0.2	16.3	1.0	0.0%
4:15 PM	1	29.0	10.0	0.4	57.9	2.0	0.0%
4:15 PM	2	29.0	10.9	0.4	63.5	1.6	0.0%
4:15 PM	3	29.0	8.2	0.4	36.3	1.6	0.0%
4:15 PM	4	29.0	10.9	0.5	45.8	2.0	0.0%
4:15 PM	5	29.0	7.8	0.4	25.0	1.0	0.0%
4:15 PM	6	29.0	12.3	0.5	73.6	3.0	0.0%
4:15 PM	7	29.0	12.4	0.5	65.7	2.6	0.0%
4:15 PM	8	29.0	7.9	0.4	25.8	1.0	0.0%
4:15 PM	9	29.0	13.1	0.7	49.7	2.0	0.0%
4:15 PM	10	29.0	7.2	0.3	34.3	1.0	0.0%
3:30 PM	Avg	30.0	9.5	0.4	45.4	1.8	0.0%
3:45 PM	Avg	30.0	8.6	0.4	41.9	1.6	0.0%
4:00 PM	Avg	30.0	8.0	0.4	34.5	1.5	0.0%
4:15 PM	Avg	29.0	10.1	0.5	47.8	1.8	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB T on LAKE AVE NW - Lane ID 274842							
3:30 PM	1	30.0	13.9	0.5	96.6	3.1	0.0%
3:30 PM	2	30.0	18.9	0.7	89.1	2.5	0.0%
3:30 PM	3	30.0	12.9	0.6	48.2	2.0	0.0%
3:30 PM	4	30.0	18.3	0.8	71.3	3.0	0.0%
3:30 PM	5	30.0	13.3	0.5	58.3	2.0	0.0%
3:30 PM	6	30.0	17.0	0.8	71.7	2.5	0.0%
3:30 PM	7	30.0	23.6	0.7	117.4	3.0	0.0%
3:30 PM	8	30.0	23.9	0.9	164.9	5.0	3.3%
3:30 PM	9	30.0	29.0	1.2	119.5	4.5	0.0%
3:30 PM	10	30.0	14.1	0.5	68.6	2.5	0.0%
3:45 PM	1	30.0	22.7	0.9	105.2	4.0	0.0%
3:45 PM	2	30.0	24.6	0.8	117.4	3.0	0.0%
3:45 PM	3	30.0	21.8	0.8	100.8	3.0	0.0%
3:45 PM	4	30.0	11.5	0.5	88.4	3.6	0.0%
3:45 PM	5	30.0	14.9	0.7	52.1	2.0	0.0%
3:45 PM	6	30.0	16.8	0.7	71.9	3.0	0.0%
3:45 PM	7	30.0	13.1	0.6	54.7	2.5	0.0%
3:45 PM	8	30.0	14.1	0.6	60.8	2.5	0.0%
3:45 PM	9	30.0	21.6	0.9	65.0	2.5	0.0%
3:45 PM	10	30.0	19.0	0.8	63.8	3.0	0.0%
4:00 PM	1	30.0	15.2	0.7	69.4	3.0	0.0%
4:00 PM	2	30.0	24.7	0.9	99.6	3.0	0.0%
4:00 PM	3	30.0	9.1	0.4	42.5	1.5	0.0%
4:00 PM	4	30.0	27.0	1.1	87.1	3.0	0.0%
4:00 PM	5	30.0	15.6	0.7	60.9	2.5	0.0%
4:00 PM	6	30.0	25.8	0.8	145.8	4.5	0.0%
4:00 PM	7	30.0	26.7	1.0	136.0	5.0	0.0%
4:00 PM	8	30.0	11.9	0.6	55.7	2.5	0.0%
4:00 PM	9	30.0	6.3	0.3	37.6	2.0	0.0%
4:00 PM	10	30.0	29.6	1.0	117.4	4.0	0.0%
4:15 PM	1	29.0	18.4	0.7	87.8	2.6	0.0%
4:15 PM	2	29.0	25.9	1.0	117.4	4.0	0.0%
4:15 PM	3	29.0	18.3	0.8	95.5	3.6	0.0%
4:15 PM	4	29.0	6.6	0.2	57.9	2.2	0.0%
4:15 PM	5	29.0	20.4	0.8	117.4	3.6	0.0%
4:15 PM	6	29.0	10.5	0.4	48.9	2.0	0.0%
4:15 PM	7	29.0	23.5	0.9	117.4	3.6	0.0%
4:15 PM	8	29.0	20.2	0.7	111.4	3.6	0.0%
4:15 PM	9	29.0	17.9	0.7	59.1	2.6	0.0%
4:15 PM	10	29.0	9.7	0.5	40.2	2.0	0.0%
3:30 PM	Avg	30.0	18.5	0.7	90.6	3.0	0.3%
3:45 PM	Avg	30.0	18.0	0.7	78.0	2.9	0.0%
4:00 PM	Avg	30.0	19.2	0.8	85.2	3.1	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 **NODE: 18**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	17.1	0.7	85.3	3.0	0.0%

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	1.8	0.9	0.0	2.8	10
3:45 PM	1.1	1.1	0.3	3.6	10
4:00 PM	1.9	1.2	0.4	3.8	10
4:15 PM	2.7	1.8	0.0	5.8	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	5.7	2.7	2.6	11.5	10
3:45 PM	4.1	2.6	1.0	8.5	10
4:00 PM	4.8	3.4	1.3	10.5	10
4:15 PM	5.1	2.0	2.1	8.9	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	35.3	11.6	20.8	53.6	10
3:45 PM	35.5	10.0	19.6	53.9	10
4:00 PM	31.4	12.2	18.7	53.3	10
4:15 PM	32.8	11.3	21.1	57.5	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	12.2	5.2	2.0	19.5	10
3:45 PM	13.8	3.0	6.4	17.0	10
4:00 PM	12.2	3.0	8.2	16.7	10
4:15 PM	11.3	3.2	7.0	16.2	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	33.8	16.9	18.1	75.0	10
3:45 PM	34.1	13.8	16.4	53.8	10
4:00 PM	29.8	10.4	16.4	46.3	10
4:15 PM	36.4	14.9	17.9	61.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	71.9	34.8	37.9	156.6	10
3:45 PM	55.8	20.3	24.8	91.2	10
4:00 PM	64.3	28.6	23.9	103.8	10
4:15 PM	57.2	22.1	28.8	106.4	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	18.9	3.4	14.6	25.9	10
3:45 PM	20.4	6.6	12.1	32.2	10
4:00 PM	21.6	6.4	12.8	29.6	10
4:15 PM	19.6	5.4	9.9	29.8	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	9.1	4.0	3.3	15.7	10
3:45 PM	7.3	3.8	2.1	14.9	10
4:00 PM	8.9	3.9	5.2	18.8	10
4:15 PM	8.6	3.7	3.2	13.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	5.0	2.1	2.4	9.5	10
3:45 PM	5.2	2.7	2.5	10.4	10
4:00 PM	3.7	1.7	1.6	6.2	10
4:15 PM	4.2	2.0	1.7	8.1	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	39.3	14.2	20.2	56.9	10
3:45 PM	29.4	7.9	19.1	40.7	10
4:00 PM	25.6	7.6	15.5	44.0	10
4:15 PM	29.0	6.3	18.5	39.6	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	9.5	1.8	5.5	11.3	10
3:45 PM	8.6	6.1	3.0	22.7	10
4:00 PM	8.0	3.6	3.4	14.8	10
4:15 PM	10.1	2.2	7.2	13.1	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	18.5	5.4	12.9	29.0	10
3:45 PM	18.0	4.6	11.5	24.6	10
4:00 PM	19.2	8.5	6.3	29.6	10
4:15 PM	17.1	6.2	6.6	25.9	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.1	0.1	0.0	0.2	10
3:45 PM	0.0	0.1	0.0	0.2	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.1	0.0	0.2	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.3	0.1	0.1	0.5	10
3:45 PM	0.2	0.1	0.1	0.3	10
4:00 PM	0.2	0.2	0.1	0.5	10
4:15 PM	0.2	0.1	0.1	0.4	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	1.4	0.4	0.9	2.0	10
3:45 PM	1.4	0.3	0.9	2.1	10
4:00 PM	1.2	0.4	0.8	2.0	10
4:15 PM	1.3	0.4	0.9	2.2	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.5	0.2	0.1	0.8	10
3:45 PM	0.6	0.1	0.3	0.7	10
4:00 PM	0.5	0.1	0.4	0.7	10
4:15 PM	0.5	0.1	0.3	0.6	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	1.2	0.6	0.6	2.6	10
3:45 PM	1.2	0.4	0.7	1.7	10
4:00 PM	1.1	0.3	0.7	1.6	10
4:15 PM	1.3	0.4	0.7	2.1	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	2.7	1.1	1.6	5.4	10
3:45 PM	2.1	0.7	1.1	3.2	10
4:00 PM	2.4	1.0	1.0	3.7	10
4:15 PM	2.2	0.8	1.1	3.8	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.8	0.1	0.7	1.0	10
3:45 PM	0.8	0.2	0.5	1.3	10
4:00 PM	0.9	0.2	0.6	1.2	10
4:15 PM	0.8	0.2	0.4	1.1	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	0.4	0.2	0.1	0.6	10
3:45 PM	0.3	0.1	0.1	0.6	10
4:00 PM	0.4	0.2	0.2	0.8	10
4:15 PM	0.4	0.2	0.2	0.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.3	0.1	0.1	0.5	10
3:45 PM	0.3	0.1	0.1	0.5	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.2	0.1	0.1	0.3	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	1.5	0.5	0.9	2.0	10
3:45 PM	1.2	0.3	0.8	1.6	10
4:00 PM	1.1	0.3	0.7	1.6	10
4:15 PM	1.1	0.2	0.8	1.4	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.4	0.2	0.2	0.8	10
4:00 PM	0.4	0.2	0.2	0.7	10
4:15 PM	0.5	0.1	0.3	0.7	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.7	0.2	0.5	1.2	10
3:45 PM	0.7	0.1	0.5	0.9	10
4:00 PM	0.8	0.3	0.3	1.1	10
4:15 PM	0.7	0.2	0.2	1.0	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	10.5	6.7	0.0	17.7	10
3:45 PM	3.2	5.8	0.0	17.4	10
4:00 PM	11.0	8.5	0.0	19.8	10
4:15 PM	16.9	11.8	0.0	39.4	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	31.4	15.2	15.0	62.8	10
3:45 PM	25.4	19.2	7.8	68.1	10
4:00 PM	25.5	15.3	8.2	50.6	10
4:15 PM	31.1	12.9	15.3	60.4	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	110.7	26.5	85.2	166.4	10
3:45 PM	104.3	21.8	71.4	135.3	10
4:00 PM	118.2	43.3	85.2	218.7	10
4:15 PM	105.3	29.8	85.2	182.8	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	58.7	20.3	17.5	85.9	10
3:45 PM	61.1	14.0	26.3	73.3	10
4:00 PM	62.4	13.0	35.5	83.8	10
4:15 PM	54.2	12.1	43.9	79.1	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	141.8	53.8	91.8	243.2	10
3:45 PM	138.3	66.9	68.7	238.7	10
4:00 PM	120.0	28.8	74.9	173.7	10
4:15 PM	147.4	70.9	65.1	271.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	201.5	86.3	118.0	424.4	10
3:45 PM	156.4	46.8	94.0	234.7	10
4:00 PM	181.4	48.2	112.4	240.8	10
4:15 PM	158.5	39.0	100.9	236.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	79.3	17.3	48.5	103.0	10
3:45 PM	87.0	24.1	52.4	116.2	10
4:00 PM	88.0	26.4	45.7	123.6	10
4:15 PM	75.8	21.9	50.8	125.3	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	51.4	19.0	23.9	81.4	10
3:45 PM	42.2	21.4	15.2	77.3	10
4:00 PM	43.3	10.0	30.9	65.1	10
4:15 PM	44.2	14.6	16.0	62.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	28.5	8.0	18.8	44.0	10
3:45 PM	26.9	9.8	15.9	39.6	10
4:00 PM	21.0	9.3	10.0	40.2	10
4:15 PM	24.4	10.4	15.7	48.3	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	126.3	44.2	69.2	185.6	10
3:45 PM	104.7	19.9	76.4	134.8	10
4:00 PM	87.9	24.7	55.5	124.0	10
4:15 PM	106.6	20.9	69.3	135.2	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	45.4	11.3	17.3	57.5	10
3:45 PM	41.9	27.1	18.2	94.4	10
4:00 PM	34.5	13.4	16.3	49.8	10
4:15 PM	47.8	17.2	25.0	73.6	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	90.6	35.2	48.2	164.9	10
3:45 PM	78.0	23.2	52.1	117.4	10
4:00 PM	85.2	38.4	37.6	145.8	10
4:15 PM	85.3	31.1	40.2	117.4	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.7	0.4	0.0	1.0	10
3:45 PM	0.2	0.3	0.0	1.0	10
4:00 PM	0.7	0.5	0.0	1.0	10
4:15 PM	0.8	0.4	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	1.3	0.4	1.0	2.0	10
3:45 PM	1.2	0.8	0.5	3.0	10
4:00 PM	1.2	0.5	0.5	2.0	10
4:15 PM	1.3	0.5	1.0	2.6	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	4.0	1.0	3.0	6.0	10
3:45 PM	3.8	0.7	2.5	4.5	10
4:00 PM	3.9	1.1	3.0	6.0	10
4:15 PM	3.6	1.3	2.6	7.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	2.3	0.7	1.0	3.5	10
3:45 PM	2.3	0.8	1.0	3.0	10
4:00 PM	2.3	0.6	1.0	3.1	10
4:15 PM	2.0	0.2	1.6	2.6	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	4.6	1.9	2.5	8.5	10
3:45 PM	4.4	1.8	2.5	7.5	10
4:00 PM	4.1	0.9	3.0	5.5	10
4:15 PM	4.8	1.9	2.6	8.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	7.1	3.1	4.5	14.5	10
3:45 PM	5.4	1.6	3.0	8.1	10
4:00 PM	6.2	1.8	4.0	9.0	10
4:15 PM	5.7	1.3	4.0	8.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	3.0	0.6	2.0	4.0	10
3:45 PM	2.9	0.8	2.0	4.1	10
4:00 PM	3.4	0.8	2.0	4.5	10
4:15 PM	2.9	0.6	2.0	4.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	2.0	0.7	1.0	3.0	10
3:45 PM	1.7	0.8	1.0	3.0	10
4:00 PM	1.7	0.5	1.0	2.5	10
4:15 PM	1.8	0.6	1.0	2.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	1.3	0.3	1.0	2.0	10
3:45 PM	1.3	0.4	1.0	2.0	10
4:00 PM	1.1	0.3	0.5	1.5	10
4:15 PM	1.1	0.3	1.0	1.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	4.5	1.4	2.5	6.0	10
3:45 PM	3.7	0.8	3.0	5.5	10
4:00 PM	3.2	0.7	2.0	4.1	10
4:15 PM	3.5	0.8	2.6	4.6	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	1.8	0.4	1.0	2.1	10
3:45 PM	1.6	0.7	1.0	3.0	10
4:00 PM	1.5	0.5	1.0	2.0	10
4:15 PM	1.8	0.7	1.0	3.0	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	3.0	1.0	2.0	5.0	10
3:45 PM	2.9	0.6	2.0	4.0	10
4:00 PM	3.1	1.1	1.5	5.0	10
4:15 PM	3.0	0.8	2.0	4.0	10

Project: Alt 2c_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274811					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Build Alternate 2d

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	1	72.0	0.10	5.0	A
7:15 AM	2	71.0	0.10	4.7	A
7:15 AM	3	71.0	0.10	4.6	A
7:15 AM	4	73.0	0.10	4.5	A
7:15 AM	5	74.0	0.10	4.5	A
7:15 AM	6	72.0	0.10	4.7	A
7:15 AM	7	67.0	0.10	4.4	A
7:15 AM	8	72.0	0.10	5.4	A
7:15 AM	9	70.0	0.10	3.9	A
7:15 AM	10	72.0	0.10	4.7	A
7:30 AM	1	73.0	0.10	4.9	A
7:30 AM	2	76.0	0.10	5.8	A
7:30 AM	3	72.0	0.10	4.6	A
7:30 AM	4	73.0	0.10	4.0	A
7:30 AM	5	73.0	0.10	4.7	A
7:30 AM	6	74.0	0.10	4.9	A
7:30 AM	7	76.0	0.10	4.9	A
7:30 AM	8	73.0	0.10	5.0	A
7:30 AM	9	74.0	0.10	5.2	A
7:30 AM	10	72.0	0.10	4.4	A
7:45 AM	1	72.0	0.10	4.9	A
7:45 AM	2	72.0	0.10	5.2	A
7:45 AM	3	74.0	0.10	4.4	A
7:45 AM	4	73.0	0.10	4.2	A
7:45 AM	5	72.0	0.10	4.4	A
7:45 AM	6	71.0	0.10	5.0	A
7:45 AM	7	73.0	0.10	4.3	A
7:45 AM	8	74.0	0.10	5.0	A
7:45 AM	9	74.0	0.10	4.6	A
7:45 AM	10	71.0	0.10	4.8	A
8:00 AM	1	74.0	0.10	4.4	A
8:00 AM	2	71.0	0.10	4.7	A
8:00 AM	3	72.0	0.10	3.9	A
8:00 AM	4	72.0	0.10	4.5	A
8:00 AM	5	73.0	0.10	4.2	A
8:00 AM	6	73.0	0.10	4.8	A
8:00 AM	7	73.0	0.10	4.6	A
8:00 AM	8	69.0	0.10	5.1	A
8:00 AM	9	73.0	0.10	4.4	A
8:00 AM	10	73.0	0.10	4.7	A
7:15 AM	Avg	71.4	0.10	4.6	A
7:30 AM	Avg	73.6	0.10	4.8	A
7:45 AM	Avg	72.6	0.10	4.7	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	72.3	0.10	4.5	A
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	1	108.0	0.20	5.4	A
7:15 AM	2	110.0	0.20	5.0	A
7:15 AM	3	110.0	0.10	4.5	A
7:15 AM	4	112.0	0.20	4.8	A
7:15 AM	5	112.0	0.20	4.9	A
7:15 AM	6	106.0	0.10	4.9	A
7:15 AM	7	103.0	0.10	4.6	A
7:15 AM	8	110.0	0.10	4.3	A
7:15 AM	9	108.0	0.10	4.3	A
7:15 AM	10	110.0	0.20	5.3	A
7:30 AM	1	110.0	0.20	5.6	A
7:30 AM	2	111.0	0.20	5.0	A
7:30 AM	3	109.0	0.20	5.1	A
7:30 AM	4	109.0	0.10	4.7	A
7:30 AM	5	110.0	0.10	4.7	A
7:30 AM	6	113.0	0.10	4.8	A
7:30 AM	7	116.0	0.20	4.9	A
7:30 AM	8	112.0	0.10	4.6	A
7:30 AM	9	109.0	0.10	4.8	A
7:30 AM	10	113.0	0.20	5.2	A
7:45 AM	1	107.0	0.20	5.1	A
7:45 AM	2	111.0	0.10	4.7	A
7:45 AM	3	111.0	0.10	4.8	A
7:45 AM	4	110.0	0.20	4.9	A
7:45 AM	5	108.0	0.10	4.8	A
7:45 AM	6	111.0	0.10	4.6	A
7:45 AM	7	111.0	0.10	4.6	A
7:45 AM	8	108.0	0.20	5.3	A
7:45 AM	9	113.0	0.20	5.0	A
7:45 AM	10	108.0	0.10	4.3	A
8:00 AM	1	113.0	0.20	5.2	A
8:00 AM	2	109.0	0.10	4.7	A
8:00 AM	3	107.0	0.10	4.1	A
8:00 AM	4	109.0	0.10	4.9	A
8:00 AM	5	112.0	0.20	5.1	A
8:00 AM	6	109.0	0.10	4.9	A
8:00 AM	7	112.0	0.20	5.2	A
8:00 AM	8	105.0	0.10	5.1	A
8:00 AM	9	110.0	0.10	4.6	A
8:00 AM	10	110.0	0.20	5.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	108.9	0.15	4.8	A
7:30 AM	Avg	111.2	0.15	4.9	A
7:45 AM	Avg	109.8	0.14	4.8	A
8:00 AM	Avg	109.6	0.14	4.9	A
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	1	38.0	0.10	10.1	B
7:15 AM	2	36.0	0.10	10.3	B
7:15 AM	3	36.0	0.10	10.1	B
7:15 AM	4	38.0	0.10	8.8	A
7:15 AM	5	36.0	0.10	10.3	B
7:15 AM	6	38.0	0.10	10.7	B
7:15 AM	7	37.0	0.10	9.9	A
7:15 AM	8	36.0	0.10	11.1	B
7:15 AM	9	38.0	0.10	9.7	A
7:15 AM	10	39.0	0.10	8.3	A
7:30 AM	1	37.0	0.10	12.1	B
7:30 AM	2	37.0	0.10	8.2	A
7:30 AM	3	37.0	0.10	13.3	B
7:30 AM	4	35.0	0.10	11.9	B
7:30 AM	5	40.0	0.20	13.6	B
7:30 AM	6	37.0	0.10	8.5	A
7:30 AM	7	39.0	0.10	7.5	A
7:30 AM	8	36.0	0.10	10.4	B
7:30 AM	9	37.0	0.10	9.2	A
7:30 AM	10	37.0	0.10	12.1	B
7:45 AM	1	38.0	0.10	12.8	B
7:45 AM	2	37.0	0.10	10.6	B
7:45 AM	3	38.0	0.20	16.7	C
7:45 AM	4	39.0	0.10	10.9	B
7:45 AM	5	38.0	0.10	10.3	B
7:45 AM	6	37.0	0.10	8.7	A
7:45 AM	7	37.0	0.10	13.4	B
7:45 AM	8	38.0	0.10	11.9	B
7:45 AM	9	38.0	0.10	9.9	A
7:45 AM	10	37.0	0.10	10.7	B
8:00 AM	1	38.0	0.10	9.4	A
8:00 AM	2	36.0	0.10	8.8	A
8:00 AM	3	38.0	0.10	12.0	B
8:00 AM	4	35.0	0.10	8.9	A
8:00 AM	5	36.0	0.10	11.0	B
8:00 AM	6	39.0	0.10	12.6	B
8:00 AM	7	38.0	0.10	9.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	39.0	0.10	9.5	A
8:00 AM	9	37.0	0.10	10.7	B
8:00 AM	10	39.0	0.10	8.9	A
7:15 AM	Avg	37.2	0.10	9.9	A
7:30 AM	Avg	37.2	0.11	10.7	B
7:45 AM	Avg	37.7	0.11	11.6	B
8:00 AM	Avg	37.5	0.10	10.1	B
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	1	92.0	0.20	8.7	A
7:15 AM	2	95.0	0.20	8.0	A
7:15 AM	3	89.0	0.20	7.5	A
7:15 AM	4	95.0	0.20	6.8	A
7:15 AM	5	92.0	0.20	7.2	A
7:15 AM	6	90.0	0.20	7.3	A
7:15 AM	7	91.0	0.20	7.1	A
7:15 AM	8	94.0	0.20	7.6	A
7:15 AM	9	91.0	0.20	6.8	A
7:15 AM	10	92.0	0.20	7.2	A
7:30 AM	1	92.0	0.20	8.1	A
7:30 AM	2	92.0	0.20	7.8	A
7:30 AM	3	96.0	0.20	8.5	A
7:30 AM	4	91.0	0.20	7.0	A
7:30 AM	5	93.0	0.20	7.1	A
7:30 AM	6	93.0	0.20	7.2	A
7:30 AM	7	94.0	0.20	6.9	A
7:30 AM	8	92.0	0.20	6.8	A
7:30 AM	9	93.0	0.20	8.0	A
7:30 AM	10	93.0	0.20	8.4	A
7:45 AM	1	91.0	0.20	8.0	A
7:45 AM	2	93.0	0.20	6.6	A
7:45 AM	3	91.0	0.20	7.9	A
7:45 AM	4	94.0	0.20	7.2	A
7:45 AM	5	95.0	0.20	7.1	A
7:45 AM	6	91.0	0.20	7.4	A
7:45 AM	7	92.0	0.20	6.1	A
7:45 AM	8	93.0	0.20	8.9	A
7:45 AM	9	90.0	0.20	7.6	A
7:45 AM	10	91.0	0.20	6.8	A
8:00 AM	1	97.0	0.20	6.3	A
8:00 AM	2	92.0	0.20	6.9	A
8:00 AM	3	91.0	0.20	7.9	A
8:00 AM	4	92.0	0.20	6.9	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	92.0	0.20	6.2	A
8:00 AM	6	95.0	0.20	7.3	A
8:00 AM	7	93.0	0.20	8.1	A
8:00 AM	8	92.0	0.20	6.5	A
8:00 AM	9	94.0	0.20	7.0	A
8:00 AM	10	93.0	0.20	7.5	A
7:15 AM	Avg	92.1	0.20	7.4	A
7:30 AM	Avg	92.9	0.20	7.6	A
7:45 AM	Avg	92.1	0.20	7.4	A
8:00 AM	Avg	93.1	0.20	7.0	A
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	1	135.0	0.20	5.8	A
7:15 AM	2	136.0	0.20	5.2	A
7:15 AM	3	135.0	0.20	5.4	A
7:15 AM	4	136.0	0.20	4.2	A
7:15 AM	5	137.0	0.20	5.1	A
7:15 AM	6	136.0	0.20	4.6	A
7:15 AM	7	134.0	0.20	4.5	A
7:15 AM	8	133.0	0.20	4.8	A
7:15 AM	9	135.0	0.20	4.3	A
7:15 AM	10	133.0	0.20	4.7	A
7:30 AM	1	135.0	0.20	5.0	A
7:30 AM	2	135.0	0.20	4.2	A
7:30 AM	3	136.0	0.20	4.9	A
7:30 AM	4	135.0	0.20	6.4	A
7:30 AM	5	133.0	0.20	4.5	A
7:30 AM	6	132.0	0.20	5.5	A
7:30 AM	7	137.0	0.30	6.6	A
7:30 AM	8	136.0	0.20	6.3	A
7:30 AM	9	134.0	0.20	4.3	A
7:30 AM	10	136.0	0.20	6.4	A
7:45 AM	1	137.0	0.20	5.0	A
7:45 AM	2	135.0	0.20	5.2	A
7:45 AM	3	132.0	0.20	5.0	A
7:45 AM	4	134.0	0.20	5.4	A
7:45 AM	5	138.0	0.20	4.3	A
7:45 AM	6	136.0	0.20	6.5	A
7:45 AM	7	135.0	0.20	6.0	A
7:45 AM	8	135.0	0.20	4.8	A
7:45 AM	9	136.0	0.20	4.9	A
7:45 AM	10	135.0	0.20	5.1	A
8:00 AM	1	135.0	0.20	5.5	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	137.0	0.20	4.1	A
8:00 AM	3	134.0	0.20	5.6	A
8:00 AM	4	133.0	0.20	4.2	A
8:00 AM	5	131.0	0.20	4.3	A
8:00 AM	6	135.0	0.20	5.2	A
8:00 AM	7	134.0	0.20	6.6	A
8:00 AM	8	135.0	0.20	4.7	A
8:00 AM	9	133.0	0.20	4.9	A
8:00 AM	10	133.0	0.20	5.6	A
7:15 AM	Avg	135.0	0.20	4.9	A
7:30 AM	Avg	134.9	0.21	5.4	A
7:45 AM	Avg	135.3	0.20	5.2	A
8:00 AM	Avg	134.0	0.20	5.1	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	1	110.0	0.60	20.6	C
7:15 AM	2	113.0	1.20	37.3	E
7:15 AM	3	111.0	0.60	21.0	C
7:15 AM	4	114.0	1.20	37.4	E
7:15 AM	5	114.0	0.50	14.9	B
7:15 AM	6	106.0	0.90	29.6	D
7:15 AM	7	94.0	1.10	41.0	E
7:15 AM	8	111.0	0.70	21.7	C
7:15 AM	9	102.0	1.50	51.3	F
7:15 AM	10	114.0	0.50	17.4	C
7:30 AM	1	112.0	0.60	19.7	C
7:30 AM	2	109.0	0.50	16.6	C
7:30 AM	3	109.0	1.00	34.7	D
7:30 AM	4	109.0	0.50	15.5	C
7:30 AM	5	109.0	0.90	28.8	D
7:30 AM	6	119.0	0.80	23.8	C
7:30 AM	7	128.0	1.80	50.5	F
7:30 AM	8	109.0	0.70	22.9	C
7:30 AM	9	110.0	1.40	47.2	E
7:30 AM	10	108.0	0.30	10.8	B
7:45 AM	1	107.0	1.00	32.8	D
7:45 AM	2	113.0	0.50	15.5	C
7:45 AM	3	111.0	0.50	16.1	C
7:45 AM	4	110.0	0.40	13.5	B
7:45 AM	5	107.0	0.70	22.5	C
7:45 AM	6	108.0	0.60	20.0	C
7:45 AM	7	105.0	0.50	18.3	C
7:45 AM	8	113.0	0.50	16.8	C
7:45 AM	9	119.0	0.70	22.5	C
7:45 AM	10	109.0	0.60	21.4	C
8:00 AM	1	116.0	0.70	22.3	C
8:00 AM	2	107.0	0.40	12.4	B
8:00 AM	3	110.0	0.40	13.3	B
8:00 AM	4	112.0	0.60	19.9	C
8:00 AM	5	113.0	0.60	20.3	C
8:00 AM	6	109.0	0.70	21.8	C
8:00 AM	7	114.0	1.00	30.5	D
8:00 AM	8	100.0	2.10	74.6	F
8:00 AM	9	107.0	0.60	19.6	C
8:00 AM	10	110.0	0.70	24.1	C
7:15 AM	Avg	108.9	0.88	29.2	D
7:30 AM	Avg	112.2	0.85	27.0	D
7:45 AM	Avg	110.2	0.60	19.9	C

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	109.8	0.78	25.9	D
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	1	81.0	0.20	9.2	A
7:15 AM	2	81.0	0.20	8.6	A
7:15 AM	3	81.0	0.20	9.0	A
7:15 AM	4	80.0	0.20	8.5	A
7:15 AM	5	81.0	0.20	8.8	A
7:15 AM	6	79.0	0.20	8.0	A
7:15 AM	7	80.0	0.20	8.1	A
7:15 AM	8	80.0	0.20	9.1	A
7:15 AM	9	80.0	0.20	9.1	A
7:15 AM	10	79.0	0.20	8.2	A
7:30 AM	1	81.0	0.20	8.3	A
7:30 AM	2	79.0	0.20	8.8	A
7:30 AM	3	80.0	0.20	9.1	A
7:30 AM	4	80.0	0.20	10.3	B
7:30 AM	5	81.0	0.20	9.5	A
7:30 AM	6	79.0	0.20	8.9	A
7:30 AM	7	80.0	0.20	10.2	B
7:30 AM	8	79.0	0.20	7.9	A
7:30 AM	9	81.0	0.20	8.8	A
7:30 AM	10	82.0	0.20	8.4	A
7:45 AM	1	80.0	0.20	8.4	A
7:45 AM	2	79.0	0.20	9.0	A
7:45 AM	3	80.0	0.20	7.7	A
7:45 AM	4	81.0	0.20	8.1	A
7:45 AM	5	80.0	0.20	8.1	A
7:45 AM	6	81.0	0.20	8.0	A
7:45 AM	7	81.0	0.20	8.7	A
7:45 AM	8	81.0	0.20	9.2	A
7:45 AM	9	80.0	0.20	9.5	A
7:45 AM	10	80.0	0.20	8.6	A
8:00 AM	1	80.0	0.20	8.7	A
8:00 AM	2	83.0	0.20	8.9	A
8:00 AM	3	79.0	0.20	8.3	A
8:00 AM	4	78.0	0.20	7.9	A
8:00 AM	5	79.0	0.20	10.9	B
8:00 AM	6	82.0	0.20	9.6	A
8:00 AM	7	81.0	0.20	9.0	A
8:00 AM	8	81.0	0.20	8.8	A
8:00 AM	9	82.0	0.20	8.5	A
8:00 AM	10	80.0	0.20	8.6	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	80.2	0.20	8.6	A
7:30 AM	Avg	80.2	0.20	9.0	A
7:45 AM	Avg	80.3	0.20	8.5	A
8:00 AM	Avg	80.5	0.20	8.9	A
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	1	58.0	0.10	8.3	A
7:15 AM	2	57.0	0.10	9.1	A
7:15 AM	3	57.0	0.10	7.8	A
7:15 AM	4	57.0	0.10	7.7	A
7:15 AM	5	59.0	0.10	8.8	A
7:15 AM	6	58.0	0.10	8.7	A
7:15 AM	7	56.0	0.10	8.1	A
7:15 AM	8	56.0	0.10	8.3	A
7:15 AM	9	57.0	0.10	8.1	A
7:15 AM	10	58.0	0.10	8.5	A
7:30 AM	1	56.0	0.10	9.4	A
7:30 AM	2	58.0	0.10	7.9	A
7:30 AM	3	56.0	0.10	9.3	A
7:30 AM	4	58.0	0.10	7.2	A
7:30 AM	5	58.0	0.10	8.3	A
7:30 AM	6	56.0	0.20	10.7	B
7:30 AM	7	56.0	0.10	8.2	A
7:30 AM	8	59.0	0.10	8.6	A
7:30 AM	9	59.0	0.20	10.2	B
7:30 AM	10	58.0	0.10	8.7	A
7:45 AM	1	58.0	0.20	9.5	A
7:45 AM	2	57.0	0.10	8.9	A
7:45 AM	3	59.0	0.10	9.1	A
7:45 AM	4	57.0	0.10	9.2	A
7:45 AM	5	57.0	0.10	7.1	A
7:45 AM	6	60.0	0.20	10.3	B
7:45 AM	7	59.0	0.10	7.9	A
7:45 AM	8	58.0	0.10	8.8	A
7:45 AM	9	57.0	0.10	9.1	A
7:45 AM	10	55.0	0.10	8.1	A
8:00 AM	1	56.0	0.10	9.3	A
8:00 AM	2	57.0	0.10	8.2	A
8:00 AM	3	58.0	0.10	8.0	A
8:00 AM	4	57.0	0.10	9.1	A
8:00 AM	5	58.0	0.10	9.1	A
8:00 AM	6	57.0	0.10	9.3	A
8:00 AM	7	59.0	0.10	8.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	56.0	0.10	7.9	A
8:00 AM	9	57.0	0.10	7.1	A
8:00 AM	10	59.0	0.20	10.0	B
7:15 AM	Avg	57.3	0.10	8.3	A
7:30 AM	Avg	57.4	0.12	8.9	A
7:45 AM	Avg	57.7	0.12	8.8	A
8:00 AM	Avg	57.4	0.11	8.6	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	1	69.0	0.20	7.9	A
7:15 AM	2	63.0	0.20	8.8	A
7:15 AM	3	62.0	0.10	8.4	A
7:15 AM	4	66.0	0.20	8.5	A
7:15 AM	5	64.0	0.10	7.3	A
7:15 AM	6	69.0	0.20	9.6	A
7:15 AM	7	65.0	0.20	8.6	A
7:15 AM	8	65.0	0.20	9.6	A
7:15 AM	9	68.0	0.10	7.4	A
7:15 AM	10	66.0	0.20	8.3	A
7:30 AM	1	65.0	0.10	8.2	A
7:30 AM	2	64.0	0.20	9.8	A
7:30 AM	3	70.0	0.20	9.0	A
7:30 AM	4	64.0	0.20	9.1	A
7:30 AM	5	71.0	0.20	9.7	A
7:30 AM	6	67.0	0.10	8.1	A
7:30 AM	7	62.0	0.20	10.4	B
7:30 AM	8	64.0	0.10	8.3	A
7:30 AM	9	64.0	0.10	8.0	A
7:30 AM	10	71.0	0.20	8.1	A
7:45 AM	1	72.0	0.20	8.1	A
7:45 AM	2	66.0	0.20	8.9	A
7:45 AM	3	70.0	0.20	8.1	A
7:45 AM	4	59.0	0.10	7.8	A
7:45 AM	5	66.0	0.10	8.2	A
7:45 AM	6	61.0	0.20	10.2	B
7:45 AM	7	63.0	0.20	8.8	A
7:45 AM	8	60.0	0.10	8.3	A
7:45 AM	9	62.0	0.10	8.7	A
7:45 AM	10	70.0	0.20	8.9	A
8:00 AM	1	64.0	0.20	9.0	A
8:00 AM	2	64.0	0.20	10.4	B
8:00 AM	3	68.0	0.20	8.9	A
8:00 AM	4	69.0	0.20	8.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	67.0	0.20	8.9	A
8:00 AM	6	65.0	0.10	7.4	A
8:00 AM	7	60.0	0.20	9.5	A
8:00 AM	8	68.0	0.20	9.0	A
8:00 AM	9	64.0	0.10	7.9	A
8:00 AM	10	69.0	0.20	8.1	A
7:15 AM	Avg	65.7	0.17	8.4	A
7:30 AM	Avg	66.2	0.16	8.9	A
7:45 AM	Avg	64.9	0.16	8.6	A
8:00 AM	Avg	65.8	0.18	8.7	A
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	1	64.0	0.10	5.8	A
7:15 AM	2	68.0	0.10	5.4	A
7:15 AM	3	68.0	0.10	6.3	A
7:15 AM	4	67.0	0.10	5.8	A
7:15 AM	5	66.0	0.10	6.8	A
7:15 AM	6	67.0	0.10	5.7	A
7:15 AM	7	74.0	0.10	6.2	A
7:15 AM	8	68.0	0.10	7.1	A
7:15 AM	9	65.0	0.10	5.5	A
7:15 AM	10	64.0	0.10	5.8	A
7:30 AM	1	63.0	0.10	5.6	A
7:30 AM	2	72.0	0.10	5.9	A
7:30 AM	3	63.0	0.10	5.7	A
7:30 AM	4	70.0	0.10	5.6	A
7:30 AM	5	66.0	0.10	6.9	A
7:30 AM	6	67.0	0.10	5.5	A
7:30 AM	7	67.0	0.10	5.9	A
7:30 AM	8	70.0	0.10	5.8	A
7:30 AM	9	71.0	0.10	5.9	A
7:30 AM	10	61.0	0.10	5.5	A
7:45 AM	1	66.0	0.10	6.4	A
7:45 AM	2	67.0	0.10	6.0	A
7:45 AM	3	63.0	0.10	6.4	A
7:45 AM	4	73.0	0.10	5.3	A
7:45 AM	5	65.0	0.10	6.1	A
7:45 AM	6	68.0	0.10	6.4	A
7:45 AM	7	72.0	0.10	5.2	A
7:45 AM	8	69.0	0.10	6.5	A
7:45 AM	9	66.0	0.10	6.0	A
7:45 AM	10	66.0	0.10	5.6	A
8:00 AM	1	67.0	0.10	6.4	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	66.0	0.10	6.6	A
8:00 AM	3	64.0	0.10	5.0	A
8:00 AM	4	65.0	0.10	5.6	A
8:00 AM	5	66.0	0.10	6.0	A
8:00 AM	6	70.0	0.10	5.7	A
8:00 AM	7	71.0	0.10	6.7	A
8:00 AM	8	68.0	0.10	5.9	A
8:00 AM	9	70.0	0.10	5.9	A
8:00 AM	10	64.0	0.10	6.1	A
7:15 AM	Avg	67.1	0.10	6.0	A
7:30 AM	Avg	67.0	0.10	5.8	A
7:45 AM	Avg	67.5	0.10	6.0	A
8:00 AM	Avg	67.1	0.10	6.0	A
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	1	80.0	0.10	2.7	A
7:15 AM	2	81.0	0.10	2.5	A
7:15 AM	3	79.0	0.10	3.2	A
7:15 AM	4	79.0	0.10	2.4	A
7:15 AM	5	81.0	0.10	3.2	A
7:15 AM	6	80.0	0.10	2.9	A
7:15 AM	7	79.0	0.00	1.9	A
7:15 AM	8	82.0	0.10	3.1	A
7:15 AM	9	81.0	0.10	2.8	A
7:15 AM	10	78.0	0.10	2.9	A
7:30 AM	1	79.0	0.10	3.0	A
7:30 AM	2	81.0	0.10	2.4	A
7:30 AM	3	80.0	0.10	3.4	A
7:30 AM	4	79.0	0.10	3.0	A
7:30 AM	5	80.0	0.00	1.9	A
7:30 AM	6	79.0	0.10	2.5	A
7:30 AM	7	82.0	0.10	2.4	A
7:30 AM	8	78.0	0.10	2.4	A
7:30 AM	9	77.0	0.10	3.3	A
7:30 AM	10	81.0	0.10	3.2	A
7:45 AM	1	81.0	0.10	2.8	A
7:45 AM	2	79.0	0.10	2.5	A
7:45 AM	3	81.0	0.10	2.6	A
7:45 AM	4	82.0	0.10	3.0	A
7:45 AM	5	79.0	0.10	2.4	A
7:45 AM	6	83.0	0.10	2.5	A
7:45 AM	7	80.0	0.10	2.5	A
7:45 AM	8	81.0	0.10	3.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	9	80.0	0.10	2.7	A
7:45 AM	10	81.0	0.10	3.0	A
8:00 AM	1	82.0	0.10	2.8	A
8:00 AM	2	79.0	0.00	2.1	A
8:00 AM	3	80.0	0.10	2.9	A
8:00 AM	4	79.0	0.10	3.1	A
8:00 AM	5	80.0	0.10	2.5	A
8:00 AM	6	80.0	0.10	3.0	A
8:00 AM	7	79.0	0.10	3.2	A
8:00 AM	8	82.0	0.10	2.5	A
8:00 AM	9	81.0	0.10	3.2	A
8:00 AM	10	79.0	0.10	3.3	A
7:15 AM	Avg	80.0	0.09	2.8	A
7:30 AM	Avg	79.6	0.09	2.8	A
7:45 AM	Avg	80.7	0.10	2.7	A
8:00 AM	Avg	80.1	0.09	2.8	A

WB T on LAKE AVE NW: Lane ID 274843

7:15 AM	1	91.0	0.10	3.9	A
7:15 AM	2	93.0	0.10	2.8	A
7:15 AM	3	91.0	0.10	3.3	A
7:15 AM	4	95.0	0.10	2.3	A
7:15 AM	5	90.0	0.10	2.4	A
7:15 AM	6	91.0	0.10	2.3	A
7:15 AM	7	92.0	0.10	3.2	A
7:15 AM	8	94.0	0.10	4.1	A
7:15 AM	9	93.0	0.10	2.8	A
7:15 AM	10	93.0	0.10	3.1	A
7:30 AM	1	93.0	0.10	3.1	A
7:30 AM	2	92.0	0.10	3.3	A
7:30 AM	3	91.0	0.10	4.3	A
7:30 AM	4	92.0	0.10	2.7	A
7:30 AM	5	91.0	0.10	3.8	A
7:30 AM	6	90.0	0.10	2.2	A
7:30 AM	7	91.0	0.10	3.4	A
7:30 AM	8	92.0	0.10	2.7	A
7:30 AM	9	93.0	0.10	3.8	A
7:30 AM	10	92.0	0.10	4.0	A
7:45 AM	1	92.0	0.10	2.5	A
7:45 AM	2	92.0	0.10	3.0	A
7:45 AM	3	94.0	0.10	2.8	A
7:45 AM	4	94.0	0.10	2.6	A
7:45 AM	5	97.0	0.10	3.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	6	95.0	0.10	2.6	A
7:45 AM	7	91.0	0.10	2.2	A
7:45 AM	8	91.0	0.10	3.7	A
7:45 AM	9	91.0	0.10	3.8	A
7:45 AM	10	92.0	0.10	2.9	A
8:00 AM	1	95.0	0.10	3.9	A
8:00 AM	2	93.0	0.10	3.6	A
8:00 AM	3	92.0	0.10	2.7	A
8:00 AM	4	91.0	0.10	3.4	A
8:00 AM	5	93.0	0.10	2.5	A
8:00 AM	6	93.0	0.10	3.0	A
8:00 AM	7	95.0	0.10	3.7	A
8:00 AM	8	93.0	0.10	3.6	A
8:00 AM	9	92.0	0.10	3.0	A
8:00 AM	10	94.0	0.10	2.8	A
7:15 AM	Avg	92.3	0.10	3.0	A
7:30 AM	Avg	91.7	0.10	3.3	A
7:45 AM	Avg	92.9	0.10	2.9	A
8:00 AM	Avg	93.1	0.10	3.2	A

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	0.2	0.1	0.1	0.2	10
7:30 AM	0.2	0.1	0.1	0.2	10
7:45 AM	0.1	0.1	0.1	0.2	10
8:00 AM	0.1	0.1	0.1	0.2	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.1	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.3	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	0.9	0.4	0.5	1.5	10
7:30 AM	0.9	0.5	0.3	1.8	10
7:45 AM	0.6	0.2	0.4	1.0	10
8:00 AM	0.8	0.5	0.4	2.1	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	0.2	0.0	0.1	0.2	10
7:30 AM	0.2	0.1	0.1	0.2	10
7:45 AM	0.2	0.1	0.1	0.2	10
8:00 AM	0.2	0.0	0.1	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	4.6	0.4	3.9	5.4	10
7:30 AM	4.8	0.5	4.0	5.8	10
7:45 AM	4.7	0.3	4.2	5.2	10
8:00 AM	4.5	0.3	3.9	5.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	4.8	0.4	4.3	5.4	10
7:30 AM	4.9	0.3	4.6	5.6	10
7:45 AM	4.8	0.3	4.3	5.3	10
8:00 AM	4.9	0.4	4.1	5.4	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	9.9	0.8	8.3	11.1	10
7:30 AM	10.7	2.2	7.5	13.6	10
7:45 AM	11.6	2.3	8.7	16.7	10
8:00 AM	10.1	1.4	8.8	12.6	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	7.4	0.6	6.8	8.7	10
7:30 AM	7.6	0.7	6.8	8.5	10
7:45 AM	7.4	0.8	6.1	8.9	10
8:00 AM	7.0	0.6	6.2	8.1	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	4.9	0.5	4.2	5.8	10
7:30 AM	5.4	0.9	4.2	6.6	10
7:45 AM	5.2	0.6	4.3	6.5	10
8:00 AM	5.1	0.8	4.1	6.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	29.2	12.0	14.9	51.3	10
7:30 AM	27.0	13.4	10.8	50.5	10
7:45 AM	19.9	5.5	13.5	32.8	10
8:00 AM	25.9	17.9	12.4	74.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	8.6	0.4	8.0	9.2	10
7:30 AM	9.0	0.8	7.9	10.3	10
7:45 AM	8.5	0.6	7.7	9.5	10
8:00 AM	8.9	0.8	7.9	10.9	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	8.3	0.5	7.7	9.1	10
7:30 AM	8.9	1.1	7.2	10.7	10
7:45 AM	8.8	0.9	7.1	10.3	10
8:00 AM	8.6	0.9	7.1	10.0	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	8.4	0.8	7.3	9.6	10
7:30 AM	8.9	0.9	8.0	10.4	10
7:45 AM	8.6	0.7	7.8	10.2	10
8:00 AM	8.7	0.9	7.4	10.4	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	6.0	0.6	5.4	7.1	10
7:30 AM	5.8	0.4	5.5	6.9	10
7:45 AM	6.0	0.5	5.2	6.5	10
8:00 AM	6.0	0.5	5.0	6.7	10
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	2.8	0.4	1.9	3.2	10
7:30 AM	2.8	0.5	1.9	3.4	10
7:45 AM	2.7	0.2	2.4	3.0	10
8:00 AM	2.8	0.4	2.1	3.3	10
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	3.0	0.6	2.3	4.1	10
7:30 AM	3.3	0.7	2.2	4.3	10
7:45 AM	2.9	0.5	2.2	3.8	10
8:00 AM	3.2	0.5	2.5	3.9	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
7:15 AM	1	30.0	2.4	0.1	18.4	1.0	0.0%
7:15 AM	2	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	3	30.0	1.4	0.1	0.0	0.0	0.0%
7:15 AM	4	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	6	30.0	1.5	0.1	0.0	0.0	0.0%
7:15 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	1.8	0.1	17.9	1.0	0.0%
7:15 AM	9	30.0	1.3	0.1	9.1	0.5	0.0%
7:15 AM	10	30.0	2.2	0.1	16.4	1.0	0.0%
7:30 AM	1	30.0	3.8	0.2	27.6	1.5	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	1.8	0.1	16.6	1.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	3.1	0.2	17.1	1.0	0.0%
7:30 AM	6	30.0	1.5	0.1	8.9	0.5	0.0%
7:30 AM	7	30.0	2.5	0.1	18.4	1.0	0.0%
7:30 AM	8	30.0	7.4	0.1	19.8	1.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	1.2	0.1	9.5	0.5	0.0%
7:45 AM	1	30.0	4.4	0.2	19.1	1.0	0.0%
7:45 AM	2	30.0	3.1	0.2	16.2	1.0	0.0%
7:45 AM	3	30.0	1.3	0.1	10.1	0.5	0.0%
7:45 AM	4	30.0	0.8	0.1	5.9	0.5	0.0%
7:45 AM	5	30.0	2.8	0.1	20.2	1.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	3.8	0.2	20.8	1.0	0.0%
7:45 AM	8	30.0	2.0	0.1	19.4	1.0	0.0%
7:45 AM	9	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	2.2	0.1	10.4	0.5	0.0%
8:00 AM	1	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	0.8	0.1	5.4	0.6	0.0%
8:00 AM	3	29.0	1.1	0.1	9.5	0.6	0.0%
8:00 AM	4	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	1.5	0.1	13.3	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	2.9	0.1	22.5	1.0	0.0%
8:00 AM	8	29.0	1.1	0.1	9.0	0.6	0.0%
8:00 AM	9	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	1.2	0.1	9.7	0.6	0.0%
7:15 AM	Avg	30.0	1.2	0.1	6.2	0.4	0.0%
7:30 AM	Avg	30.0	2.1	0.1	11.8	0.7	0.0%
7:45 AM	Avg	30.0	2.1	0.1	12.2	0.7	0.0%
8:00 AM	Avg	29.0	0.9	0.1	6.9	0.4	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
7:15 AM	1	30.0	5.5	0.2	44.6	1.0	0.0%
7:15 AM	2	30.0	3.4	0.1	20.0	1.0	0.0%
7:15 AM	3	30.0	2.7	0.1	18.0	1.0	0.0%
7:15 AM	4	30.0	6.1	0.3	23.3	1.0	0.0%
7:15 AM	5	30.0	3.2	0.1	23.2	1.0	0.0%
7:15 AM	6	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	1.2	0.1	9.2	0.5	0.0%
7:15 AM	8	30.0	1.2	0.1	8.2	0.5	0.0%
7:15 AM	9	30.0	1.8	0.1	17.4	1.0	0.0%
7:15 AM	10	30.0	1.0	0.1	7.6	0.5	0.0%
7:30 AM	1	30.0	3.0	0.1	22.5	1.0	0.0%
7:30 AM	2	30.0	1.1	0.1	8.7	0.5	0.0%
7:30 AM	3	30.0	3.5	0.2	20.2	1.0	0.0%
7:30 AM	4	30.0	1.7	0.1	9.5	0.5	0.0%
7:30 AM	5	30.0	2.3	0.1	18.0	1.0	0.0%
7:30 AM	6	30.0	3.5	0.1	29.9	1.0	0.0%
7:30 AM	7	30.0	3.9	0.2	29.0	1.5	0.0%
7:30 AM	8	30.0	1.7	0.1	16.4	1.0	0.0%
7:30 AM	9	30.0	0.8	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	6.1	0.3	33.1	1.5	0.0%
7:45 AM	1	30.0	1.1	0.1	8.3	0.5	0.0%
7:45 AM	2	30.0	6.3	0.3	36.9	1.5	0.0%
7:45 AM	3	30.0	1.8	0.1	17.7	1.0	0.0%
7:45 AM	4	30.0	5.0	0.2	20.8	1.0	0.0%
7:45 AM	5	30.0	4.4	0.2	18.8	1.0	0.0%
7:45 AM	6	30.0	1.6	0.1	15.3	1.0	0.0%
7:45 AM	7	30.0	3.0	0.1	22.2	1.0	0.0%
7:45 AM	8	30.0	4.8	0.2	38.9	1.5	0.0%
7:45 AM	9	30.0	2.4	0.1	17.6	1.0	0.0%
7:45 AM	10	30.0	2.5	0.1	18.7	1.0	0.0%
8:00 AM	1	29.0	4.8	0.2	33.3	1.6	0.0%
8:00 AM	2	29.0	2.7	0.1	17.1	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	4.1	0.1	30.1	1.0	0.0%
8:00 AM	5	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	6	29.0	2.3	0.1	10.1	0.6	0.0%
8:00 AM	7	29.0	3.2	0.2	18.1	1.0	0.0%
8:00 AM	8	29.0	3.9	0.1	33.1	1.0	0.0%
8:00 AM	9	29.0	4.2	0.2	16.3	1.0	0.0%
8:00 AM	10	29.0	6.7	0.2	21.7	1.0	0.0%
7:15 AM	Avg	30.0	2.7	0.1	17.2	0.8	0.0%
7:30 AM	Avg	30.0	2.8	0.1	18.7	0.9	0.0%
7:45 AM	Avg	30.0	3.3	0.2	21.5	1.1	0.0%
8:00 AM	Avg	29.0	3.3	0.1	18.0	0.8	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
7:15 AM	1	30.0	5.4	0.3	18.7	1.0	0.0%
7:15 AM	2	30.0	4.4	0.3	17.0	1.0	0.0%
7:15 AM	3	30.0	6.1	0.3	34.4	1.5	0.0%
7:15 AM	4	30.0	5.5	0.3	36.6	1.5	0.0%
7:15 AM	5	30.0	5.9	0.3	17.5	1.0	0.0%
7:15 AM	6	30.0	3.3	0.2	17.7	1.0	0.0%
7:15 AM	7	30.0	9.7	0.3	48.4	2.0	0.0%
7:15 AM	8	30.0	7.4	0.4	34.7	1.5	0.0%
7:15 AM	9	30.0	3.3	0.2	16.4	1.0	0.0%
7:15 AM	10	30.0	4.1	0.2	17.3	1.0	0.0%
7:30 AM	1	30.0	8.9	0.4	35.8	1.5	0.0%
7:30 AM	2	30.0	1.7	0.1	16.0	1.0	0.0%
7:30 AM	3	30.0	8.5	0.4	45.6	2.0	0.0%
7:30 AM	4	30.0	13.2	0.6	69.2	2.5	0.0%
7:30 AM	5	30.0	7.6	0.4	31.5	1.5	0.0%
7:30 AM	6	30.0	4.2	0.2	20.0	1.0	0.0%
7:30 AM	7	30.0	2.4	0.1	17.8	1.0	0.0%
7:30 AM	8	30.0	2.9	0.1	22.2	1.0	0.0%
7:30 AM	9	30.0	5.5	0.3	20.7	1.0	0.0%
7:30 AM	10	30.0	8.2	0.4	40.3	1.5	0.0%
7:45 AM	1	30.0	8.9	0.4	33.2	1.0	0.0%
7:45 AM	2	30.0	5.2	0.3	29.6	1.5	0.0%
7:45 AM	3	30.0	14.8	0.7	53.1	2.0	0.0%
7:45 AM	4	30.0	6.3	0.3	20.6	1.0	0.0%
7:45 AM	5	30.0	3.1	0.2	15.9	1.0	0.0%
7:45 AM	6	30.0	3.8	0.2	16.8	1.0	0.0%
7:45 AM	7	30.0	8.0	0.4	42.3	2.0	0.0%
7:45 AM	8	30.0	2.8	0.2	16.0	1.0	0.0%
7:45 AM	9	30.0	3.8	0.2	19.0	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	9.2	0.3	45.4	2.0	0.0%
8:00 AM	1	29.0	4.4	0.3	16.4	1.0	0.0%
8:00 AM	2	29.0	3.8	0.2	26.4	1.0	0.0%
8:00 AM	3	29.0	5.4	0.3	31.3	1.6	0.0%
8:00 AM	4	29.0	3.6	0.2	17.3	1.0	0.0%
8:00 AM	5	29.0	6.5	0.3	38.1	1.6	0.0%
8:00 AM	6	29.0	10.9	0.4	50.2	2.0	0.0%
8:00 AM	7	29.0	4.9	0.3	18.5	1.0	0.0%
8:00 AM	8	29.0	5.9	0.3	33.0	1.6	0.0%
8:00 AM	9	29.0	6.3	0.3	47.4	2.0	0.0%
8:00 AM	10	29.0	2.7	0.1	18.7	1.0	0.0%
7:15 AM	Avg	30.0	5.5	0.3	25.9	1.3	0.0%
7:30 AM	Avg	30.0	6.3	0.3	31.9	1.4	0.0%
7:45 AM	Avg	30.0	6.6	0.3	29.2	1.4	0.0%
8:00 AM	Avg	29.0	5.4	0.3	29.7	1.4	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
7:15 AM	1	30.0	11.7	0.5	47.6	2.0	0.0%
7:15 AM	2	30.0	3.8	0.2	20.3	1.0	0.0%
7:15 AM	3	30.0	12.2	0.4	59.8	2.0	0.0%
7:15 AM	4	30.0	4.2	0.2	19.1	1.0	0.0%
7:15 AM	5	30.0	3.2	0.1	24.3	1.0	0.0%
7:15 AM	6	30.0	7.3	0.3	43.4	1.5	0.0%
7:15 AM	7	30.0	5.9	0.3	36.5	1.5	0.0%
7:15 AM	8	30.0	9.5	0.4	39.3	1.5	0.0%
7:15 AM	9	30.0	6.4	0.3	21.4	1.0	0.0%
7:15 AM	10	30.0	4.2	0.2	23.6	1.0	0.0%
7:30 AM	1	30.0	11.5	0.5	47.4	2.0	0.0%
7:30 AM	2	30.0	17.8	0.7	60.3	2.5	0.0%
7:30 AM	3	30.0	7.1	0.3	53.7	1.5	0.0%
7:30 AM	4	30.0	6.3	0.2	46.6	1.5	0.0%
7:30 AM	5	30.0	8.1	0.4	43.5	2.0	0.0%
7:30 AM	6	30.0	11.5	0.5	65.0	2.5	0.0%
7:30 AM	7	30.0	4.7	0.2	21.8	1.0	0.0%
7:30 AM	8	30.0	8.3	0.3	49.0	2.1	0.0%
7:30 AM	9	30.0	6.4	0.3	32.3	1.5	0.0%
7:30 AM	10	30.0	8.6	0.3	53.5	1.5	0.0%
7:45 AM	1	30.0	8.2	0.4	47.0	2.0	0.0%
7:45 AM	2	30.0	2.6	0.1	16.8	1.0	0.0%
7:45 AM	3	30.0	12.2	0.5	47.2	2.0	0.0%
7:45 AM	4	30.0	5.6	0.2	32.2	1.5	0.0%
7:45 AM	5	30.0	9.5	0.4	44.9	2.0	0.0%
7:45 AM	6	30.0	7.7	0.4	41.2	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	2.4	0.1	16.4	1.0	0.0%
7:45 AM	8	30.0	13.7	0.6	73.8	3.0	0.0%
7:45 AM	9	30.0	7.1	0.3	43.2	1.5	0.0%
7:45 AM	10	30.0	5.9	0.3	26.7	1.0	0.0%
8:00 AM	1	29.0	5.3	0.2	35.1	1.6	0.0%
8:00 AM	2	29.0	4.7	0.2	23.4	1.0	0.0%
8:00 AM	3	29.0	6.3	0.3	42.9	2.0	0.0%
8:00 AM	4	29.0	10.7	0.4	86.7	2.6	0.0%
8:00 AM	5	29.0	2.4	0.1	15.9	1.0	0.0%
8:00 AM	6	29.0	16.5	0.7	80.4	3.0	0.0%
8:00 AM	7	29.0	9.6	0.4	63.1	2.6	0.0%
8:00 AM	8	29.0	5.1	0.3	22.3	1.0	0.0%
8:00 AM	9	29.0	4.7	0.2	35.1	1.6	0.0%
8:00 AM	10	29.0	6.4	0.3	34.6	1.0	0.0%
7:15 AM	Avg	30.0	6.8	0.3	33.5	1.4	0.0%
7:30 AM	Avg	30.0	9.0	0.4	47.3	1.8	0.0%
7:45 AM	Avg	30.0	7.5	0.3	38.9	1.7	0.0%
8:00 AM	Avg	29.0	7.2	0.3	44.0	1.7	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
7:15 AM	1	30.0	9.5	0.4	59.6	2.5	0.0%
7:15 AM	2	30.0	10.0	0.4	66.4	2.1	0.0%
7:15 AM	3	30.0	13.0	0.3	76.9	2.0	0.0%
7:15 AM	4	30.0	6.0	0.3	28.3	1.0	0.0%
7:15 AM	5	30.0	11.6	0.4	73.3	2.0	0.0%
7:15 AM	6	30.0	11.9	0.5	64.3	2.5	0.0%
7:15 AM	7	30.0	7.7	0.3	48.4	1.5	0.0%
7:15 AM	8	30.0	10.4	0.4	76.3	3.0	0.0%
7:15 AM	9	30.0	8.2	0.3	42.0	1.5	0.0%
7:15 AM	10	30.0	6.9	0.3	30.3	1.0	0.0%
7:30 AM	1	30.0	9.1	0.4	46.1	1.5	0.0%
7:30 AM	2	30.0	6.8	0.3	37.7	1.5	0.0%
7:30 AM	3	30.0	18.9	0.6	103.5	3.0	0.0%
7:30 AM	4	30.0	21.3	0.8	87.8	3.0	0.0%
7:30 AM	5	30.0	5.6	0.3	25.5	1.0	0.0%
7:30 AM	6	30.0	12.5	0.6	46.3	2.0	0.0%
7:30 AM	7	30.0	17.4	0.6	91.2	2.5	0.0%
7:30 AM	8	30.0	11.7	0.4	62.1	2.0	0.0%
7:30 AM	9	30.0	7.4	0.3	45.3	2.0	0.0%
7:30 AM	10	30.0	8.8	0.3	50.4	2.0	0.0%
7:45 AM	1	30.0	10.1	0.3	67.0	1.5	0.0%
7:45 AM	2	30.0	8.9	0.3	57.8	1.5	0.0%
7:45 AM	3	30.0	17.0	0.7	94.7	3.1	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	10.0	0.4	43.7	2.0	0.0%
7:45 AM	5	30.0	10.3	0.4	53.6	2.0	0.0%
7:45 AM	6	30.0	8.1	0.3	36.9	1.5	0.0%
7:45 AM	7	30.0	19.9	0.7	122.2	4.0	0.0%
7:45 AM	8	30.0	7.3	0.3	24.3	1.0	0.0%
7:45 AM	9	30.0	7.6	0.3	23.9	1.0	0.0%
7:45 AM	10	30.0	9.9	0.4	54.5	2.1	0.0%
8:00 AM	1	29.0	14.0	0.6	67.0	2.6	0.0%
8:00 AM	2	29.0	8.9	0.4	44.1	2.0	0.0%
8:00 AM	3	29.0	8.0	0.3	44.0	1.6	0.0%
8:00 AM	4	29.0	8.5	0.3	40.9	1.6	0.0%
8:00 AM	5	29.0	9.6	0.4	49.9	2.0	0.0%
8:00 AM	6	29.0	7.1	0.4	42.4	2.0	0.0%
8:00 AM	7	29.0	10.5	0.3	36.4	1.6	0.0%
8:00 AM	8	29.0	3.3	0.1	23.6	1.0	0.0%
8:00 AM	9	29.0	16.8	0.7	89.5	3.0	0.0%
8:00 AM	10	29.0	16.0	0.6	68.0	2.6	0.0%
7:15 AM	Avg	30.0	9.5	0.4	56.6	1.9	0.0%
7:30 AM	Avg	30.0	12.0	0.5	59.6	2.1	0.0%
7:45 AM	Avg	30.0	10.9	0.4	57.9	2.0	0.0%
8:00 AM	Avg	29.0	10.3	0.4	50.6	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
7:15 AM	1	30.0	50.5	2.0	152.1	5.5	0.0%
7:15 AM	2	30.0	101.0	3.5	195.2	7.0	0.0%
7:15 AM	3	30.0	43.3	1.5	191.1	6.1	0.0%
7:15 AM	4	30.0	84.0	3.0	197.2	7.5	0.0%
7:15 AM	5	30.0	29.3	1.3	89.0	3.5	0.0%
7:15 AM	6	30.0	63.6	2.3	236.3	7.5	0.0%
7:15 AM	7	30.0	151.1	4.8	432.4	13.6	0.0%
7:15 AM	8	30.0	44.8	1.8	132.6	5.0	0.0%
7:15 AM	9	30.0	115.3	4.0	253.0	9.0	0.0%
7:15 AM	10	30.0	39.0	1.5	132.2	5.0	0.0%
7:30 AM	1	30.0	46.0	1.7	144.6	5.0	0.0%
7:30 AM	2	30.0	36.0	1.5	109.3	4.5	0.0%
7:30 AM	3	30.0	81.2	2.9	222.4	8.0	0.0%
7:30 AM	4	30.0	41.1	1.7	138.0	5.1	0.0%
7:30 AM	5	30.0	72.4	2.8	172.8	6.0	0.0%
7:30 AM	6	30.0	47.2	1.8	148.3	5.0	0.0%
7:30 AM	7	30.0	98.9	3.6	300.6	11.1	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	54.1	2.0	172.0	5.5	0.0%
7:30 AM	9	30.0	102.2	3.7	256.4	9.5	0.0%
7:30 AM	10	30.0	22.0	1.0	85.3	3.0	0.0%
7:45 AM	1	30.0	75.2	2.8	257.0	9.0	0.0%
7:45 AM	2	30.0	29.7	1.3	93.1	4.0	0.0%
7:45 AM	3	30.0	37.6	1.5	112.7	4.0	0.0%
7:45 AM	4	30.0	33.0	1.4	97.5	4.0	0.0%
7:45 AM	5	30.0	51.3	1.7	216.5	6.1	0.0%
7:45 AM	6	30.0	47.4	1.9	165.0	5.0	0.0%
7:45 AM	7	30.0	51.3	1.9	165.0	5.5	0.0%
7:45 AM	8	30.0	36.5	1.3	127.3	4.5	0.0%
7:45 AM	9	30.0	55.4	2.1	182.2	6.5	0.0%
7:45 AM	10	30.0	32.9	1.2	125.9	3.5	0.0%
8:00 AM	1	29.0	54.4	1.9	176.3	6.0	0.0%
8:00 AM	2	29.0	33.4	1.4	108.4	4.0	0.0%
8:00 AM	3	29.0	27.0	1.1	86.7	2.6	0.0%
8:00 AM	4	29.0	42.8	1.7	171.9	6.6	0.0%
8:00 AM	5	29.0	45.6	1.8	165.0	5.0	0.0%
8:00 AM	6	29.0	58.4	1.9	262.1	7.8	0.0%
8:00 AM	7	29.0	71.9	2.6	165.0	6.6	0.0%
8:00 AM	8	29.0	168.9	6.0	420.9	15.6	0.0%
8:00 AM	9	29.0	43.0	1.7	155.2	5.6	0.0%
8:00 AM	10	29.0	82.9	3.3	166.4	6.6	0.0%
7:15 AM	Avg	30.0	72.2	2.6	201.1	7.0	0.0%
7:30 AM	Avg	30.0	60.1	2.3	175.0	6.3	0.0%
7:45 AM	Avg	30.0	45.0	1.7	154.2	5.2	0.0%
8:00 AM	Avg	29.0	62.8	2.3	187.8	6.6	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274810

7:15 AM	1	30.0	13.1	0.4	49.1	2.0	0.0%
7:15 AM	2	30.0	6.7	0.3	40.7	1.5	0.0%
7:15 AM	3	30.0	7.4	0.4	44.5	2.0	0.0%
7:15 AM	4	30.0	8.0	0.4	42.0	2.0	0.0%
7:15 AM	5	30.0	7.9	0.4	38.3	1.5	0.0%
7:15 AM	6	30.0	5.9	0.3	29.4	1.0	0.0%
7:15 AM	7	30.0	5.4	0.3	25.3	1.0	0.0%
7:15 AM	8	30.0	7.4	0.4	45.2	2.0	0.0%
7:15 AM	9	30.0	14.5	0.6	63.7	2.0	0.0%
7:15 AM	10	30.0	5.4	0.3	21.9	1.0	0.0%
7:30 AM	1	30.0	6.6	0.3	32.6	1.0	0.0%
7:30 AM	2	30.0	7.7	0.3	44.1	2.0	0.0%
7:30 AM	3	30.0	3.8	0.2	23.7	1.0	0.0%
7:30 AM	4	30.0	14.7	0.6	72.6	3.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	11.3	0.5	48.4	2.0	0.0%
7:30 AM	6	30.0	9.6	0.3	59.8	1.0	0.0%
7:30 AM	7	30.0	11.0	0.5	48.3	2.0	0.0%
7:30 AM	8	30.0	8.3	0.4	41.9	2.0	0.0%
7:30 AM	9	30.0	3.8	0.2	33.3	1.5	0.0%
7:30 AM	10	30.0	7.9	0.4	38.2	1.5	0.0%
7:45 AM	1	30.0	7.4	0.4	30.0	1.5	0.0%
7:45 AM	2	30.0	11.6	0.5	56.1	2.5	0.0%
7:45 AM	3	30.0	7.0	0.3	37.0	1.5	0.0%
7:45 AM	4	30.0	3.8	0.2	15.5	1.0	0.0%
7:45 AM	5	30.0	5.2	0.3	34.3	1.5	0.0%
7:45 AM	6	30.0	6.6	0.3	45.8	2.0	0.0%
7:45 AM	7	30.0	11.2	0.4	44.4	2.0	0.0%
7:45 AM	8	30.0	8.1	0.4	34.9	1.5	0.0%
7:45 AM	9	30.0	11.4	0.5	47.9	2.0	0.0%
7:45 AM	10	30.0	7.7	0.4	37.8	1.5	0.0%
8:00 AM	1	29.0	5.0	0.2	32.2	1.6	0.0%
8:00 AM	2	29.0	5.9	0.3	36.8	1.6	0.0%
8:00 AM	3	29.0	5.4	0.2	39.0	1.6	0.0%
8:00 AM	4	29.0	10.4	0.4	56.4	2.6	0.0%
8:00 AM	5	29.0	8.5	0.4	39.8	2.0	0.0%
8:00 AM	6	29.0	6.1	0.3	31.0	1.6	0.0%
8:00 AM	7	29.0	6.8	0.3	46.0	1.0	0.0%
8:00 AM	8	29.0	3.8	0.2	22.7	1.0	0.0%
8:00 AM	9	29.0	7.5	0.3	32.8	1.6	0.0%
8:00 AM	10	29.0	4.8	0.2	21.3	1.0	0.0%
7:15 AM	Avg	30.0	8.2	0.4	40.0	1.6	0.0%
7:30 AM	Avg	30.0	8.5	0.4	44.3	1.7	0.0%
7:45 AM	Avg	30.0	8.0	0.4	38.4	1.7	0.0%
8:00 AM	Avg	29.0	6.4	0.3	35.8	1.6	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274851							
7:15 AM	1	30.0	8.9	0.3	52.6	1.5	0.0%
7:15 AM	2	30.0	8.1	0.3	58.4	2.0	0.0%
7:15 AM	3	30.0	7.0	0.3	42.1	2.0	0.0%
7:15 AM	4	30.0	3.4	0.2	18.4	1.0	0.0%
7:15 AM	5	30.0	4.6	0.2	20.7	1.0	0.0%
7:15 AM	6	30.0	5.7	0.2	19.1	1.0	0.0%
7:15 AM	7	30.0	8.0	0.4	43.8	2.0	0.0%
7:15 AM	8	30.0	2.9	0.2	16.4	1.0	0.0%
7:15 AM	9	30.0	5.9	0.3	35.0	1.5	0.0%
7:15 AM	10	30.0	3.1	0.1	16.7	1.0	0.0%
7:30 AM	1	30.0	5.9	0.3	23.1	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	4.5	0.2	31.5	1.0	0.0%
7:30 AM	3	30.0	8.5	0.3	49.2	1.5	0.0%
7:30 AM	4	30.0	3.5	0.1	15.8	1.0	0.0%
7:30 AM	5	30.0	3.5	0.2	24.2	1.0	0.0%
7:30 AM	6	30.0	13.5	0.5	64.8	2.0	0.0%
7:30 AM	7	30.0	5.5	0.3	26.5	1.0	0.0%
7:30 AM	8	30.0	8.8	0.4	38.6	2.0	0.0%
7:30 AM	9	30.0	5.7	0.2	46.4	1.0	0.0%
7:30 AM	10	30.0	5.7	0.3	41.7	2.0	0.0%
7:45 AM	1	30.0	6.6	0.3	20.0	1.0	0.0%
7:45 AM	2	30.0	6.4	0.3	22.0	1.0	0.0%
7:45 AM	3	30.0	5.3	0.3	18.3	1.0	0.0%
7:45 AM	4	30.0	5.3	0.2	18.5	1.0	0.0%
7:45 AM	5	30.0	7.6	0.3	45.5	2.0	0.0%
7:45 AM	6	30.0	12.8	0.5	45.4	2.0	0.0%
7:45 AM	7	30.0	5.5	0.3	27.3	1.0	0.0%
7:45 AM	8	30.0	8.6	0.4	41.0	2.0	0.0%
7:45 AM	9	30.0	5.9	0.3	25.1	1.0	0.0%
7:45 AM	10	30.0	6.9	0.3	27.3	1.0	0.0%
8:00 AM	1	29.0	5.4	0.2	34.5	1.0	0.0%
8:00 AM	2	29.0	6.4	0.3	27.0	1.0	0.0%
8:00 AM	3	29.0	9.9	0.4	48.4	2.0	0.0%
8:00 AM	4	29.0	8.6	0.3	52.7	2.0	0.0%
8:00 AM	5	29.0	5.4	0.3	34.0	1.6	0.0%
8:00 AM	6	29.0	3.5	0.2	17.9	1.0	0.0%
8:00 AM	7	29.0	2.8	0.1	20.5	1.0	0.0%
8:00 AM	8	29.0	5.0	0.2	22.3	1.0	0.0%
8:00 AM	9	29.0	5.9	0.3	26.9	1.0	0.0%
8:00 AM	10	29.0	9.0	0.3	49.6	2.0	0.0%
7:15 AM	Avg	30.0	5.8	0.3	32.3	1.4	0.0%
7:30 AM	Avg	30.0	6.5	0.3	36.2	1.4	0.0%
7:45 AM	Avg	30.0	7.1	0.3	29.0	1.3	0.0%
8:00 AM	Avg	29.0	6.2	0.3	33.4	1.4	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 274806							
7:15 AM	1	30.0	7.6	0.4	24.6	1.0	0.0%
7:15 AM	2	30.0	11.2	0.5	45.9	2.0	0.0%
7:15 AM	3	30.0	5.5	0.3	32.0	1.5	0.0%
7:15 AM	4	30.0	9.6	0.4	39.2	1.5	0.0%
7:15 AM	5	30.0	4.7	0.2	22.7	1.0	0.0%
7:15 AM	6	30.0	2.8	0.1	12.5	0.5	0.0%
7:15 AM	7	30.0	5.2	0.3	29.2	1.5	0.0%
7:15 AM	8	30.0	5.6	0.3	30.3	1.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	3.9	0.2	18.1	1.0	0.0%
7:15 AM	10	30.0	3.8	0.2	22.5	1.0	0.0%
7:30 AM	1	30.0	5.6	0.2	35.5	1.0	0.0%
7:30 AM	2	30.0	4.5	0.2	20.9	1.0	0.0%
7:30 AM	3	30.0	4.8	0.2	32.5	1.5	0.0%
7:30 AM	4	30.0	8.3	0.3	42.2	2.0	0.0%
7:30 AM	5	30.0	6.1	0.3	17.2	1.0	0.0%
7:30 AM	6	30.0	3.0	0.2	20.2	1.0	0.0%
7:30 AM	7	30.0	9.7	0.4	45.9	1.5	0.0%
7:30 AM	8	30.0	3.6	0.2	25.6	1.0	0.0%
7:30 AM	9	30.0	1.0	0.1	8.3	0.5	0.0%
7:30 AM	10	30.0	3.4	0.2	17.4	1.0	0.0%
7:45 AM	1	30.0	7.7	0.3	39.6	1.5	0.0%
7:45 AM	2	30.0	7.8	0.3	40.2	1.0	0.0%
7:45 AM	3	30.0	8.5	0.4	62.1	2.0	0.0%
7:45 AM	4	30.0	3.3	0.2	18.3	1.0	0.0%
7:45 AM	5	30.0	5.1	0.2	37.0	1.5	0.0%
7:45 AM	6	30.0	5.3	0.3	22.5	1.0	0.0%
7:45 AM	7	30.0	4.0	0.2	21.0	1.0	0.0%
7:45 AM	8	30.0	7.2	0.3	51.1	2.1	0.0%
7:45 AM	9	30.0	11.6	0.5	46.5	1.5	0.0%
7:45 AM	10	30.0	8.3	0.4	35.3	1.5	0.0%
8:00 AM	1	29.0	1.5	0.1	0.0	0.0	0.0%
8:00 AM	2	29.0	5.6	0.3	33.5	1.6	0.0%
8:00 AM	3	29.0	8.1	0.3	27.9	1.0	0.0%
8:00 AM	4	29.0	5.0	0.3	17.0	1.0	0.0%
8:00 AM	5	29.0	7.7	0.3	48.7	2.0	0.0%
8:00 AM	6	29.0	3.4	0.2	16.9	1.0	0.0%
8:00 AM	7	29.0	8.4	0.3	61.2	1.6	0.0%
8:00 AM	8	29.0	9.1	0.4	50.4	1.6	0.0%
8:00 AM	9	29.0	2.7	0.1	19.1	1.0	0.0%
8:00 AM	10	29.0	6.0	0.3	32.8	1.6	0.0%
7:15 AM	Avg	30.0	6.0	0.3	27.7	1.3	0.0%
7:30 AM	Avg	30.0	5.0	0.2	26.6	1.2	0.0%
7:45 AM	Avg	30.0	6.9	0.3	37.4	1.4	0.0%
8:00 AM	Avg	29.0	5.8	0.3	30.8	1.2	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

7:15 AM	1	30.0	3.5	0.1	16.0	1.0	0.0%
7:15 AM	2	30.0	2.5	0.1	17.5	1.0	0.0%
7:15 AM	3	30.0	4.5	0.1	23.7	1.0	0.0%
7:15 AM	4	30.0	2.3	0.1	17.7	1.0	0.0%
7:15 AM	5	30.0	1.2	0.1	9.5	0.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	1.8	0.1	17.7	1.0	0.0%
7:15 AM	8	30.0	1.7	0.1	16.2	1.0	0.0%
7:15 AM	9	30.0	1.6	0.1	9.6	0.5	0.0%
7:15 AM	10	30.0	1.6	0.1	11.0	0.5	0.0%
7:30 AM	1	30.0	2.2	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	1.6	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	2.4	0.1	16.3	1.0	0.0%
7:30 AM	5	30.0	4.7	0.2	20.8	1.0	0.0%
7:30 AM	6	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	1.4	0.1	9.8	0.5	0.0%
7:30 AM	9	30.0	1.7	0.1	16.3	1.0	0.0%
7:30 AM	10	30.0	3.0	0.2	18.3	1.0	0.0%
7:45 AM	1	30.0	3.2	0.2	18.3	1.0	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	1.3	0.1	10.0	0.5	0.0%
7:45 AM	4	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	4.0	0.2	18.7	1.0	0.0%
7:45 AM	6	30.0	2.0	0.1	17.5	1.0	0.0%
7:45 AM	7	30.0	1.8	0.1	9.2	0.5	0.0%
7:45 AM	8	30.0	0.7	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	2.0	0.1	10.2	0.5	0.0%
7:45 AM	10	30.0	3.3	0.2	18.8	1.0	0.0%
8:00 AM	1	29.0	0.4	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	0.7	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	0.7	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	1.9	0.1	16.0	0.6	0.0%
8:00 AM	6	29.0	0.9	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	4.2	0.1	18.4	1.0	0.0%
8:00 AM	8	29.0	1.7	0.1	16.1	1.0	0.0%
8:00 AM	9	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	2.4	0.1	22.5	1.0	0.0%
7:15 AM	Avg	30.0	2.1	0.1	13.9	0.8	0.0%
7:30 AM	Avg	30.0	1.8	0.1	8.2	0.5	0.0%
7:45 AM	Avg	30.0	1.9	0.1	10.3	0.6	0.0%
8:00 AM	Avg	29.0	1.4	0.0	7.3	0.4	0.0%
WB T on LAKE AVE NW - Lane ID 274842							
7:15 AM	1	30.0	1.9	0.1	9.1	0.5	0.0%
7:15 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	2.4	0.1	15.6	1.0	0.0%
7:15 AM	4	30.0	3.0	0.2	22.2	1.0	0.0%
7:15 AM	5	30.0	3.2	0.2	15.1	1.0	0.0%
7:15 AM	6	30.0	6.0	0.3	19.2	1.0	0.0%
7:15 AM	7	30.0	0.9	0.1	5.3	0.5	0.0%
7:15 AM	8	30.0	3.2	0.2	19.5	1.0	0.0%
7:15 AM	9	30.0	1.4	0.1	11.2	1.0	0.0%
7:15 AM	10	30.0	3.1	0.1	27.5	1.0	0.0%
7:30 AM	1	30.0	6.0	0.3	26.4	1.0	0.0%
7:30 AM	2	30.0	2.1	0.1	14.6	1.0	0.0%
7:30 AM	3	30.0	2.2	0.1	16.3	1.0	0.0%
7:30 AM	4	30.0	0.7	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	2.3	0.1	18.2	1.0	0.0%
7:30 AM	6	30.0	1.7	0.1	16.3	1.0	0.0%
7:30 AM	7	30.0	4.2	0.2	29.4	1.0	0.0%
7:30 AM	8	30.0	1.7	0.1	15.2	1.0	0.0%
7:30 AM	9	30.0	5.3	0.3	31.4	1.5	0.0%
7:30 AM	10	30.0	1.2	0.1	9.4	0.5	0.0%
7:45 AM	1	30.0	5.0	0.3	20.0	1.0	0.0%
7:45 AM	2	30.0	2.8	0.1	8.4	0.5	0.0%
7:45 AM	3	30.0	2.0	0.1	17.0	1.0	0.0%
7:45 AM	4	30.0	4.8	0.3	18.4	1.0	0.0%
7:45 AM	5	30.0	1.0	0.1	7.9	0.5	0.0%
7:45 AM	6	30.0	1.4	0.1	12.7	1.0	0.0%
7:45 AM	7	30.0	2.6	0.1	17.8	1.0	0.0%
7:45 AM	8	30.0	1.0	0.1	7.9	0.5	0.0%
7:45 AM	9	30.0	2.2	0.1	16.5	1.0	0.0%
7:45 AM	10	30.0	3.3	0.2	19.9	1.0	0.0%
8:00 AM	1	29.0	7.2	0.3	43.5	2.0	0.0%
8:00 AM	2	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	1.9	0.1	17.2	1.0	0.0%
8:00 AM	4	29.0	3.2	0.2	20.1	1.0	0.0%
8:00 AM	5	29.0	3.2	0.2	18.1	1.0	0.0%
8:00 AM	6	29.0	6.5	0.3	33.1	1.6	0.0%
8:00 AM	7	29.0	3.2	0.1	21.9	1.0	0.0%
8:00 AM	8	29.0	1.0	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	2.2	0.1	18.8	0.6	0.0%
8:00 AM	10	29.0	3.0	0.1	19.7	1.0	0.0%
7:15 AM	Avg	30.0	2.5	0.1	14.5	0.8	0.0%
7:30 AM	Avg	30.0	2.7	0.1	17.7	0.9	0.0%
7:45 AM	Avg	30.0	2.6	0.2	14.7	0.9	0.0%
8:00 AM	Avg	29.0	3.1	0.1	19.2	0.9	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB T on LAKE AVE NW - Lane ID 274843							
7:15 AM	1	30.0	1.8	0.1	18.0	1.0	0.0%
7:15 AM	2	30.0	2.6	0.1	18.0	1.0	0.0%
7:15 AM	3	30.0	7.2	0.2	33.2	1.5	0.0%
7:15 AM	4	30.0	3.1	0.1	9.6	0.5	0.0%
7:15 AM	5	30.0	3.6	0.2	20.3	1.0	0.0%
7:15 AM	6	30.0	3.3	0.2	19.5	1.0	0.0%
7:15 AM	7	30.0	3.7	0.2	19.6	1.0	0.0%
7:15 AM	8	30.0	14.6	0.6	60.7	2.5	0.0%
7:15 AM	9	30.0	5.5	0.2	33.2	1.0	0.0%
7:15 AM	10	30.0	6.9	0.2	45.3	1.0	0.0%
7:30 AM	1	30.0	9.2	0.4	50.5	2.0	0.0%
7:30 AM	2	30.0	7.0	0.3	40.9	1.5	0.0%
7:30 AM	3	30.0	3.5	0.1	20.7	1.0	0.0%
7:30 AM	4	30.0	2.7	0.1	16.9	1.0	0.0%
7:30 AM	5	30.0	10.0	0.4	65.6	2.5	0.0%
7:30 AM	6	30.0	4.5	0.2	20.9	1.0	0.0%
7:30 AM	7	30.0	2.2	0.1	16.8	1.0	0.0%
7:30 AM	8	30.0	6.4	0.2	30.4	1.5	0.0%
7:30 AM	9	30.0	6.9	0.3	33.3	1.5	0.0%
7:30 AM	10	30.0	4.6	0.2	18.5	1.0	0.0%
7:45 AM	1	30.0	3.2	0.2	19.2	1.0	0.0%
7:45 AM	2	30.0	1.6	0.1	15.6	1.0	0.0%
7:45 AM	3	30.0	3.9	0.1	15.6	0.5	0.0%
7:45 AM	4	30.0	3.0	0.1	27.7	1.0	0.0%
7:45 AM	5	30.0	6.1	0.2	42.5	1.0	0.0%
7:45 AM	6	30.0	3.1	0.2	17.9	1.0	0.0%
7:45 AM	7	30.0	1.7	0.1	10.4	0.5	0.0%
7:45 AM	8	30.0	5.4	0.3	20.8	1.0	0.0%
7:45 AM	9	30.0	2.5	0.1	18.5	1.0	0.0%
7:45 AM	10	30.0	3.4	0.2	19.1	1.0	0.0%
8:00 AM	1	29.0	12.5	0.4	67.9	2.0	0.0%
8:00 AM	2	29.0	4.8	0.2	34.9	1.6	0.0%
8:00 AM	3	29.0	5.1	0.2	36.8	1.0	0.0%
8:00 AM	4	29.0	6.4	0.3	35.6	1.0	0.0%
8:00 AM	5	29.0	1.8	0.1	16.9	1.0	0.0%
8:00 AM	6	29.0	5.2	0.2	35.7	1.6	0.0%
8:00 AM	7	29.0	6.0	0.2	30.6	1.0	0.0%
8:00 AM	8	29.0	3.4	0.2	16.5	1.0	0.0%
8:00 AM	9	29.0	1.2	0.1	10.1	0.6	0.0%
8:00 AM	10	29.0	2.5	0.1	16.9	1.0	0.0%
7:15 AM	Avg	30.0	5.2	0.2	27.7	1.2	0.0%
7:30 AM	Avg	30.0	5.7	0.2	31.5	1.4	0.0%
7:45 AM	Avg	30.0	3.4	0.2	20.7	0.9	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 **NODE: 18**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	4.9	0.2	30.2	1.2	0.0%

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	1.2	0.8	0.0	2.4	10
7:30 AM	2.1	2.3	0.0	7.4	10
7:45 AM	2.1	1.5	0.0	4.4	10
8:00 AM	0.9	0.9	0.0	2.9	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	2.7	1.9	0.6	6.1	10
7:30 AM	2.8	1.6	0.8	6.1	10
7:45 AM	3.3	1.7	1.1	6.3	10
8:00 AM	3.3	2.0	0.0	6.7	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	5.5	2.0	3.3	9.7	10
7:30 AM	6.3	3.6	1.7	13.2	10
7:45 AM	6.6	3.7	2.8	14.8	10
8:00 AM	5.4	2.3	2.7	10.9	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	6.8	3.3	3.2	12.2	10
7:30 AM	9.0	3.8	4.7	17.8	10
7:45 AM	7.5	3.7	2.4	13.7	10
8:00 AM	7.2	4.1	2.4	16.5	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	9.5	2.3	6.0	13.0	10
7:30 AM	12.0	5.5	5.6	21.3	10
7:45 AM	10.9	4.2	7.3	19.9	10
8:00 AM	10.3	4.2	3.3	16.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	72.2	39.6	29.3	151.1	10
7:30 AM	60.1	27.2	22.0	102.2	10
7:45 AM	45.0	14.0	29.7	75.2	10
8:00 AM	62.8	40.9	27.0	168.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	8.2	3.1	5.4	14.5	10
7:30 AM	8.5	3.4	3.8	14.7	10
7:45 AM	8.0	2.7	3.8	11.6	10
8:00 AM	6.4	2.0	3.8	10.4	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	5.8	2.2	2.9	8.9	10
7:30 AM	6.5	3.0	3.5	13.5	10
7:45 AM	7.1	2.3	5.3	12.8	10
8:00 AM	6.2	2.3	2.8	9.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	6.0	2.7	2.8	11.2	10
7:30 AM	5.0	2.6	1.0	9.7	10
7:45 AM	6.9	2.5	3.3	11.6	10
8:00 AM	5.8	2.6	1.5	9.1	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	2.1	1.1	0.6	4.5	10
7:30 AM	1.8	1.4	0.0	4.7	10
7:45 AM	1.9	1.3	0.0	4.0	10
8:00 AM	1.4	1.2	0.0	4.2	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	2.5	1.6	0.0	6.0	10
7:30 AM	2.7	1.8	0.7	6.0	10
7:45 AM	2.6	1.4	1.0	5.0	10
8:00 AM	3.1	2.2	0.0	7.2	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	5.2	3.7	1.8	14.6	10
7:30 AM	5.7	2.6	2.2	10.0	10
7:45 AM	3.4	1.4	1.6	6.1	10
8:00 AM	4.9	3.2	1.2	12.5	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.1	0.1	0.0	0.1	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.1	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.1	0.0	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.1	0.1	0.0	0.2	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.2	0.1	0.6	10
7:45 AM	0.3	0.2	0.2	0.7	10
8:00 AM	0.3	0.1	0.1	0.4	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.3	0.1	0.1	0.5	10
7:30 AM	0.4	0.2	0.2	0.7	10
7:45 AM	0.3	0.2	0.1	0.6	10
8:00 AM	0.3	0.2	0.1	0.7	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.4	0.1	0.3	0.5	10
7:30 AM	0.5	0.2	0.3	0.8	10
7:45 AM	0.4	0.2	0.3	0.7	10
8:00 AM	0.4	0.2	0.1	0.7	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	2.6	1.2	1.3	4.8	10
7:30 AM	2.3	0.9	1.0	3.7	10
7:45 AM	1.7	0.5	1.2	2.8	10
8:00 AM	2.3	1.4	1.1	6.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.4	0.1	0.3	0.6	10
7:30 AM	0.4	0.1	0.2	0.6	10
7:45 AM	0.4	0.1	0.2	0.5	10
8:00 AM	0.3	0.1	0.2	0.4	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	0.3	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.3	0.1	0.2	0.5	10
8:00 AM	0.3	0.1	0.1	0.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.3	0.1	0.1	0.5	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.2	0.5	10
8:00 AM	0.3	0.1	0.1	0.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.0	0.1	0.0	0.1	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.1	0.0	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.1	0.1	0.0	0.3	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.2	0.1	0.1	0.6	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.4	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	6.2	8.4	0.0	18.4	10
7:30 AM	11.8	9.7	0.0	27.6	10
7:45 AM	12.2	8.2	0.0	20.8	10
8:00 AM	6.9	7.4	0.0	22.5	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	17.2	12.3	0.0	44.6	10
7:30 AM	18.7	10.5	0.0	33.1	10
7:45 AM	21.5	9.4	8.3	38.9	10
8:00 AM	18.0	12.2	0.0	33.3	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	25.9	11.6	16.4	48.4	10
7:30 AM	31.9	16.6	16.0	69.2	10
7:45 AM	29.2	13.8	15.9	53.1	10
8:00 AM	29.7	12.5	16.4	50.2	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	33.5	13.9	19.1	59.8	10
7:30 AM	47.3	12.7	21.8	65.0	10
7:45 AM	38.9	17.0	16.4	73.8	10
8:00 AM	44.0	24.6	15.9	86.7	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	56.6	18.3	28.3	76.9	10
7:30 AM	59.6	25.9	25.5	103.5	10
7:45 AM	57.9	30.8	23.9	122.2	10
8:00 AM	50.6	19.0	23.6	89.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	201.1	95.4	89.0	432.4	10
7:30 AM	175.0	66.7	85.3	300.6	10
7:45 AM	154.2	53.4	93.1	257.0	10
8:00 AM	187.8	93.9	86.7	420.9	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	40.0	12.3	21.9	63.7	10
7:30 AM	44.3	14.1	23.7	72.6	10
7:45 AM	38.4	11.2	15.5	56.1	10
8:00 AM	35.8	10.4	21.3	56.4	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	32.3	16.1	16.4	58.4	10
7:30 AM	36.2	14.8	15.8	64.8	10
7:45 AM	29.0	10.9	18.3	45.5	10
8:00 AM	33.4	12.8	17.9	52.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	27.7	9.9	12.5	45.9	10
7:30 AM	26.6	12.1	8.3	45.9	10
7:45 AM	37.4	14.0	18.3	62.1	10
8:00 AM	30.8	18.6	0.0	61.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	13.9	6.6	0.0	23.7	10
7:30 AM	8.2	9.0	0.0	20.8	10
7:45 AM	10.3	8.0	0.0	18.8	10
8:00 AM	7.3	9.6	0.0	22.5	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	14.5	8.2	0.0	27.5	10
7:30 AM	17.7	9.4	0.0	31.4	10
7:45 AM	14.7	5.0	7.9	20.0	10
8:00 AM	19.2	13.1	0.0	43.5	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	27.7	15.5	9.6	60.7	10
7:30 AM	31.5	16.5	16.8	65.6	10
7:45 AM	20.7	8.8	10.4	42.5	10
8:00 AM	30.2	16.6	10.1	67.9	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.4	0.5	0.0	1.0	10
7:30 AM	0.7	0.5	0.0	1.5	10
7:45 AM	0.7	0.4	0.0	1.0	10
8:00 AM	0.4	0.4	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.8	0.4	0.0	1.0	10
7:30 AM	0.9	0.5	0.0	1.5	10
7:45 AM	1.1	0.3	0.5	1.5	10
8:00 AM	0.8	0.5	0.0	1.6	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	1.3	0.4	1.0	2.0	10
7:30 AM	1.4	0.5	1.0	2.5	10
7:45 AM	1.4	0.5	1.0	2.0	10
8:00 AM	1.4	0.4	1.0	2.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	1.4	0.4	1.0	2.0	10
7:30 AM	1.8	0.5	1.0	2.5	10
7:45 AM	1.7	0.6	1.0	3.0	10
8:00 AM	1.7	0.8	1.0	3.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	1.9	0.7	1.0	3.0	10
7:30 AM	2.1	0.6	1.0	3.0	10
7:45 AM	2.0	0.9	1.0	4.0	10
8:00 AM	2.0	0.6	1.0	3.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	7.0	2.8	3.5	13.6	10
7:30 AM	6.3	2.5	3.0	11.1	10
7:45 AM	5.2	1.7	3.5	9.0	10
8:00 AM	6.6	3.5	2.6	15.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	1.6	0.5	1.0	2.0	10
7:30 AM	1.7	0.6	1.0	3.0	10
7:45 AM	1.7	0.4	1.0	2.5	10
8:00 AM	1.6	0.5	1.0	2.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	1.4	0.5	1.0	2.0	10
7:30 AM	1.4	0.5	1.0	2.0	10
7:45 AM	1.3	0.5	1.0	2.0	10
8:00 AM	1.4	0.5	1.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	1.3	0.4	0.5	2.0	10
7:30 AM	1.2	0.4	0.5	2.0	10
7:45 AM	1.4	0.4	1.0	2.1	10
8:00 AM	1.2	0.6	0.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.8	0.4	0.0	1.0	10
7:30 AM	0.5	0.5	0.0	1.0	10
7:45 AM	0.6	0.4	0.0	1.0	10
8:00 AM	0.4	0.5	0.0	1.0	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.8	0.3	0.0	1.0	10
7:30 AM	0.9	0.4	0.0	1.5	10
7:45 AM	0.9	0.2	0.5	1.0	10
8:00 AM	0.9	0.6	0.0	2.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	1.2	0.5	0.5	2.5	10
7:30 AM	1.4	0.5	1.0	2.5	10
7:45 AM	0.9	0.2	0.5	1.0	10
8:00 AM	1.2	0.4	0.6	2.0	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	1	78.0	0.10	5.9	A
3:30 PM	2	76.0	0.10	5.7	A
3:30 PM	3	79.0	0.10	5.7	A
3:30 PM	4	79.0	0.10	5.2	A
3:30 PM	5	76.0	0.10	5.4	A
3:30 PM	6	75.0	0.10	5.8	A
3:30 PM	7	78.0	0.10	5.1	A
3:30 PM	8	78.0	0.10	5.4	A
3:30 PM	9	78.0	0.10	5.4	A
3:30 PM	10	78.0	0.10	5.2	A
3:45 PM	1	77.0	0.10	5.7	A
3:45 PM	2	78.0	0.10	4.9	A
3:45 PM	3	78.0	0.10	4.5	A
3:45 PM	4	76.0	0.10	5.3	A
3:45 PM	5	78.0	0.10	5.2	A
3:45 PM	6	79.0	0.10	5.0	A
3:45 PM	7	77.0	0.10	5.2	A
3:45 PM	8	77.0	0.10	5.6	A
3:45 PM	9	78.0	0.10	4.8	A
3:45 PM	10	77.0	0.10	4.9	A
4:00 PM	1	79.0	0.10	5.5	A
4:00 PM	2	76.0	0.10	5.2	A
4:00 PM	3	77.0	0.10	4.9	A
4:00 PM	4	79.0	0.10	5.3	A
4:00 PM	5	78.0	0.10	5.5	A
4:00 PM	6	76.0	0.10	5.0	A
4:00 PM	7	75.0	0.10	5.9	A
4:00 PM	8	81.0	0.10	5.6	A
4:00 PM	9	77.0	0.10	5.2	A
4:00 PM	10	79.0	0.10	5.6	A
4:15 PM	1	76.0	0.10	5.5	A
4:15 PM	2	77.0	0.10	5.3	A
4:15 PM	3	78.0	0.10	5.4	A
4:15 PM	4	75.0	0.10	5.0	A
4:15 PM	5	78.0	0.10	5.0	A
4:15 PM	6	79.0	0.10	4.6	A
4:15 PM	7	79.0	0.10	5.2	A
4:15 PM	8	75.0	0.10	5.7	A
4:15 PM	9	79.0	0.10	5.0	A
4:15 PM	10	76.0	0.10	5.2	A
3:30 PM	Avg	77.5	0.10	5.5	A
3:45 PM	Avg	77.5	0.10	5.1	A
4:00 PM	Avg	77.7	0.10	5.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	77.2	0.10	5.2	A
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	1	134.0	0.20	6.0	A
3:30 PM	2	135.0	0.20	6.0	A
3:30 PM	3	135.0	0.30	7.0	A
3:30 PM	4	136.0	0.20	6.5	A
3:30 PM	5	133.0	0.20	5.7	A
3:30 PM	6	134.0	0.20	6.3	A
3:30 PM	7	135.0	0.20	5.7	A
3:30 PM	8	134.0	0.20	5.4	A
3:30 PM	9	139.0	0.20	6.2	A
3:30 PM	10	135.0	0.20	5.7	A
3:45 PM	1	136.0	0.20	5.2	A
3:45 PM	2	140.0	0.20	6.4	A
3:45 PM	3	133.0	0.20	6.4	A
3:45 PM	4	135.0	0.20	6.1	A
3:45 PM	5	137.0	0.20	6.2	A
3:45 PM	6	132.0	0.20	5.9	A
3:45 PM	7	137.0	0.20	5.9	A
3:45 PM	8	137.0	0.20	6.0	A
3:45 PM	9	133.0	0.20	6.2	A
3:45 PM	10	135.0	0.20	6.0	A
4:00 PM	1	134.0	0.20	6.2	A
4:00 PM	2	134.0	0.20	5.6	A
4:00 PM	3	138.0	0.20	5.9	A
4:00 PM	4	131.0	0.20	6.0	A
4:00 PM	5	137.0	0.20	6.3	A
4:00 PM	6	139.0	0.20	6.2	A
4:00 PM	7	134.0	0.20	6.5	A
4:00 PM	8	135.0	0.20	6.0	A
4:00 PM	9	136.0	0.20	6.2	A
4:00 PM	10	134.0	0.20	6.4	A
4:15 PM	1	136.0	0.20	6.0	A
4:15 PM	2	132.0	0.20	6.0	A
4:15 PM	3	137.0	0.20	6.3	A
4:15 PM	4	136.0	0.20	5.9	A
4:15 PM	5	134.0	0.20	6.1	A
4:15 PM	6	135.0	0.20	5.8	A
4:15 PM	7	136.0	0.20	6.3	A
4:15 PM	8	134.0	0.20	5.8	A
4:15 PM	9	135.0	0.20	6.1	A
4:15 PM	10	134.0	0.20	5.9	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	135.0	0.21	6.1	A
3:45 PM	Avg	135.5	0.20	6.0	A
4:00 PM	Avg	135.2	0.20	6.1	A
4:15 PM	Avg	134.9	0.20	6.0	A
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	1	71.0	0.40	19.3	C
3:30 PM	2	74.0	0.50	26.5	D
3:30 PM	3	74.0	0.60	29.1	D
3:30 PM	4	72.0	0.50	25.7	D
3:30 PM	5	70.0	0.40	18.4	C
3:30 PM	6	70.0	0.40	19.0	C
3:30 PM	7	72.0	0.50	22.7	C
3:30 PM	8	73.0	0.40	18.9	C
3:30 PM	9	71.0	0.40	21.0	C
3:30 PM	10	74.0	0.50	22.6	C
3:45 PM	1	74.0	0.50	22.2	C
3:45 PM	2	72.0	0.60	31.6	D
3:45 PM	3	73.0	0.40	18.6	C
3:45 PM	4	73.0	0.40	17.3	C
3:45 PM	5	72.0	0.40	19.4	C
3:45 PM	6	76.0	0.30	16.5	C
3:45 PM	7	68.0	0.40	19.5	C
3:45 PM	8	71.0	0.50	24.2	C
3:45 PM	9	73.0	0.50	22.4	C
3:45 PM	10	74.0	0.40	20.4	C
4:00 PM	1	72.0	0.40	22.0	C
4:00 PM	2	72.0	0.50	23.1	C
4:00 PM	3	71.0	0.40	19.1	C
4:00 PM	4	73.0	0.50	23.0	C
4:00 PM	5	76.0	0.50	21.4	C
4:00 PM	6	70.0	0.30	13.8	B
4:00 PM	7	75.0	0.50	23.1	C
4:00 PM	8	68.0	0.50	25.9	D
4:00 PM	9	71.0	0.40	19.8	C
4:00 PM	10	71.0	0.30	15.0	C
4:15 PM	1	73.0	0.40	19.0	C
4:15 PM	2	73.0	0.60	31.6	D
4:15 PM	3	72.0	0.50	26.0	D
4:15 PM	4	74.0	0.40	17.7	C
4:15 PM	5	73.0	0.50	23.5	C
4:15 PM	6	73.0	0.40	18.7	C
4:15 PM	7	73.0	0.50	25.4	D

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	76.0	0.40	18.6	C
4:15 PM	9	72.0	0.30	16.7	C
4:15 PM	10	74.0	0.40	17.4	C
3:30 PM	Avg	72.1	0.46	22.3	C
3:45 PM	Avg	72.6	0.44	21.2	C
4:00 PM	Avg	71.9	0.43	20.6	C
4:15 PM	Avg	73.3	0.44	21.5	C
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	1	102.0	0.20	8.8	A
3:30 PM	2	102.0	0.30	9.0	A
3:30 PM	3	101.0	0.20	8.0	A
3:30 PM	4	101.0	0.30	8.9	A
3:30 PM	5	99.0	0.20	7.2	A
3:30 PM	6	100.0	0.30	9.2	A
3:30 PM	7	100.0	0.30	9.1	A
3:30 PM	8	99.0	0.20	8.1	A
3:30 PM	9	101.0	0.30	11.8	B
3:30 PM	10	101.0	0.30	9.6	A
3:45 PM	1	98.0	0.30	9.9	A
3:45 PM	2	100.0	0.30	10.5	B
3:45 PM	3	102.0	0.20	8.2	A
3:45 PM	4	98.0	0.20	7.8	A
3:45 PM	5	99.0	0.20	8.1	A
3:45 PM	6	101.0	0.20	7.4	A
3:45 PM	7	100.0	0.20	8.2	A
3:45 PM	8	101.0	0.30	9.9	A
3:45 PM	9	100.0	0.20	7.6	A
3:45 PM	10	100.0	0.30	10.2	B
4:00 PM	1	101.0	0.30	9.7	A
4:00 PM	2	100.0	0.20	8.3	A
4:00 PM	3	98.0	0.30	9.3	A
4:00 PM	4	102.0	0.20	7.9	A
4:00 PM	5	101.0	0.30	9.1	A
4:00 PM	6	97.0	0.20	8.7	A
4:00 PM	7	99.0	0.30	9.5	A
4:00 PM	8	100.0	0.20	8.6	A
4:00 PM	9	101.0	0.30	9.2	A
4:00 PM	10	100.0	0.20	7.5	A
4:15 PM	1	99.0	0.20	8.6	A
4:15 PM	2	99.0	0.20	8.9	A
4:15 PM	3	100.0	0.20	8.7	A
4:15 PM	4	98.0	0.20	8.5	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	99.0	0.20	9.0	A
4:15 PM	6	103.0	0.30	9.0	A
4:15 PM	7	101.0	0.20	8.1	A
4:15 PM	8	99.0	0.30	11.2	B
4:15 PM	9	99.0	0.30	9.2	A
4:15 PM	10	98.0	0.20	8.8	A
3:30 PM	Avg	100.6	0.26	9.0	A
3:45 PM	Avg	99.9	0.24	8.8	A
4:00 PM	Avg	99.9	0.25	8.8	A
4:15 PM	Avg	99.5	0.23	9.0	A

WB T on [Unnamed Street]: Lane ID 274785

3:30 PM	1	149.0	0.30	7.1	A
3:30 PM	2	150.0	0.40	9.2	A
3:30 PM	3	147.0	0.30	7.5	A
3:30 PM	4	149.0	0.40	8.8	A
3:30 PM	5	149.0	0.30	8.1	A
3:30 PM	6	148.0	0.50	13.3	B
3:30 PM	7	150.0	0.40	9.0	A
3:30 PM	8	149.0	0.40	9.0	A
3:30 PM	9	145.0	0.40	11.1	B
3:30 PM	10	143.0	0.30	8.1	A
3:45 PM	1	148.0	0.40	10.8	B
3:45 PM	2	147.0	0.40	10.6	B
3:45 PM	3	148.0	0.40	9.6	A
3:45 PM	4	148.0	0.50	12.4	B
3:45 PM	5	149.0	0.40	9.5	A
3:45 PM	6	146.0	0.40	9.2	A
3:45 PM	7	146.0	0.30	7.7	A
3:45 PM	8	149.0	0.40	9.2	A
3:45 PM	9	149.0	0.40	9.9	A
3:45 PM	10	152.0	0.60	14.1	B
4:00 PM	1	146.0	0.30	8.0	A
4:00 PM	2	149.0	0.30	8.4	A
4:00 PM	3	148.0	0.30	8.3	A
4:00 PM	4	145.0	0.40	9.5	A
4:00 PM	5	147.0	0.70	17.1	C
4:00 PM	6	149.0	0.30	7.8	A
4:00 PM	7	149.0	0.60	15.2	C
4:00 PM	8	148.0	0.40	10.2	B
4:00 PM	9	148.0	0.50	11.5	B
4:00 PM	10	147.0	0.30	8.3	A
4:15 PM	1	149.0	0.40	10.7	B

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	146.0	0.40	11.1	B
4:15 PM	3	147.0	0.40	10.5	B
4:15 PM	4	149.0	0.30	7.7	A
4:15 PM	5	147.0	0.50	11.8	B
4:15 PM	6	147.0	0.40	10.1	B
4:15 PM	7	146.0	0.40	10.7	B
4:15 PM	8	145.0	0.60	13.9	B
4:15 PM	9	147.0	0.30	8.2	A
4:15 PM	10	146.0	0.30	7.1	A
3:30 PM	Avg	147.9	0.37	9.1	A
3:45 PM	Avg	148.2	0.42	10.3	B
4:00 PM	Avg	147.6	0.41	10.4	B
4:15 PM	Avg	146.9	0.40	10.2	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	1	97.0	0.40	15.3	C
3:30 PM	2	97.0	0.40	15.4	C
3:30 PM	3	98.0	0.50	17.3	C
3:30 PM	4	98.0	0.40	13.2	B
3:30 PM	5	94.0	0.50	17.9	C
3:30 PM	6	95.0	0.50	20.0	C
3:30 PM	7	98.0	0.30	12.1	B
3:30 PM	8	97.0	0.40	13.7	B
3:30 PM	9	99.0	0.40	13.2	B
3:30 PM	10	99.0	0.40	16.2	C
3:45 PM	1	99.0	0.60	23.4	C
3:45 PM	2	100.0	0.40	12.8	B
3:45 PM	3	101.0	0.30	10.6	B
3:45 PM	4	97.0	0.30	11.8	B
3:45 PM	5	96.0	0.30	12.5	B
3:45 PM	6	100.0	0.30	12.1	B
3:45 PM	7	101.0	0.30	12.1	B
3:45 PM	8	97.0	0.40	16.7	C
3:45 PM	9	98.0	0.40	14.1	B
3:45 PM	10	97.0	0.40	14.9	B
4:00 PM	1	96.0	0.40	13.6	B
4:00 PM	2	97.0	0.40	15.0	C
4:00 PM	3	97.0	0.30	12.2	B
4:00 PM	4	99.0	0.30	12.1	B
4:00 PM	5	100.0	0.30	12.1	B
4:00 PM	6	98.0	0.30	12.1	B
4:00 PM	7	97.0	0.30	11.1	B
4:00 PM	8	98.0	0.30	12.1	B
4:00 PM	9	95.0	0.40	13.9	B
4:00 PM	10	98.0	0.50	16.9	C
4:15 PM	1	99.0	0.30	12.2	B
4:15 PM	2	94.0	0.40	14.9	B
4:15 PM	3	98.0	0.30	11.2	B
4:15 PM	4	96.0	0.40	13.9	B
4:15 PM	5	99.0	0.60	21.5	C
4:15 PM	6	97.0	0.30	9.9	A
4:15 PM	7	97.0	0.40	13.6	B
4:15 PM	8	98.0	0.40	14.6	B
4:15 PM	9	101.0	0.30	11.1	B
4:15 PM	10	97.0	0.40	14.1	B
3:30 PM	Avg	97.2	0.42	15.4	C
3:45 PM	Avg	98.6	0.37	14.1	B
4:00 PM	Avg	97.5	0.35	13.1	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	97.6	0.38	13.7	B
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	1	111.0	0.40	11.6	B
3:30 PM	2	114.0	0.30	10.1	B
3:30 PM	3	111.0	0.30	11.2	B
3:30 PM	4	113.0	0.30	9.9	A
3:30 PM	5	111.0	0.30	11.2	B
3:30 PM	6	113.0	0.30	8.9	A
3:30 PM	7	111.0	0.30	10.9	B
3:30 PM	8	113.0	0.30	10.4	B
3:30 PM	9	113.0	0.30	10.6	B
3:30 PM	10	114.0	0.40	11.7	B
3:45 PM	1	118.0	0.40	11.6	B
3:45 PM	2	113.0	0.30	8.8	A
3:45 PM	3	114.0	0.30	10.8	B
3:45 PM	4	113.0	0.30	10.4	B
3:45 PM	5	115.0	0.30	10.8	B
3:45 PM	6	112.0	0.30	9.3	A
3:45 PM	7	114.0	0.40	11.4	B
3:45 PM	8	111.0	0.30	10.9	B
3:45 PM	9	111.0	0.30	9.6	A
3:45 PM	10	112.0	0.30	10.2	B
4:00 PM	1	111.0	0.30	10.5	B
4:00 PM	2	114.0	0.30	10.5	B
4:00 PM	3	114.0	0.30	10.3	B
4:00 PM	4	112.0	0.30	9.2	A
4:00 PM	5	112.0	0.30	10.1	B
4:00 PM	6	114.0	0.30	10.3	B
4:00 PM	7	111.0	0.30	10.9	B
4:00 PM	8	113.0	0.30	10.3	B
4:00 PM	9	113.0	0.30	10.4	B
4:00 PM	10	112.0	0.40	11.8	B
4:15 PM	1	113.0	0.30	10.3	B
4:15 PM	2	113.0	0.30	8.7	A
4:15 PM	3	111.0	0.30	10.2	B
4:15 PM	4	113.0	0.30	10.0	B
4:15 PM	5	112.0	0.30	9.8	A
4:15 PM	6	111.0	0.30	8.6	A
4:15 PM	7	115.0	0.30	10.3	B
4:15 PM	8	114.0	0.50	15.1	C
4:15 PM	9	115.0	0.30	10.9	B
4:15 PM	10	113.0	0.30	11.1	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	112.4	0.32	10.6	B
3:45 PM	Avg	113.3	0.32	10.4	B
4:00 PM	Avg	112.6	0.31	10.4	B
4:15 PM	Avg	113.0	0.32	10.5	B
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	1	95.0	0.30	11.0	B
3:30 PM	2	95.0	0.20	8.7	A
3:30 PM	3	96.0	0.30	11.8	B
3:30 PM	4	95.0	0.30	9.6	A
3:30 PM	5	95.0	0.30	11.0	B
3:30 PM	6	93.0	0.30	9.8	A
3:30 PM	7	94.0	0.30	10.7	B
3:30 PM	8	95.0	0.20	8.7	A
3:30 PM	9	96.0	0.30	10.7	B
3:30 PM	10	94.0	0.30	11.6	B
3:45 PM	1	96.0	0.30	11.8	B
3:45 PM	2	94.0	0.30	9.7	A
3:45 PM	3	94.0	0.20	9.5	A
3:45 PM	4	94.0	0.30	9.8	A
3:45 PM	5	97.0	0.30	11.8	B
3:45 PM	6	96.0	0.20	9.3	A
3:45 PM	7	96.0	0.30	11.5	B
3:45 PM	8	96.0	0.30	10.6	B
3:45 PM	9	93.0	0.30	11.5	B
3:45 PM	10	96.0	0.20	8.9	A
4:00 PM	1	96.0	0.20	9.3	A
4:00 PM	2	96.0	0.30	9.9	A
4:00 PM	3	94.0	0.20	9.3	A
4:00 PM	4	96.0	0.30	12.0	B
4:00 PM	5	94.0	0.30	9.8	A
4:00 PM	6	97.0	0.20	9.2	A
4:00 PM	7	95.0	0.30	11.4	B
4:00 PM	8	96.0	0.30	10.1	B
4:00 PM	9	96.0	0.30	12.2	B
4:00 PM	10	95.0	0.30	10.6	B
4:15 PM	1	95.0	0.30	9.8	A
4:15 PM	2	94.0	0.30	9.8	A
4:15 PM	3	97.0	0.30	10.3	B
4:15 PM	4	97.0	0.20	8.9	A
4:15 PM	5	95.0	0.20	9.5	A
4:15 PM	6	94.0	0.20	9.4	A
4:15 PM	7	96.0	0.30	11.7	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	91.0	0.30	11.4	B
4:15 PM	9	96.0	0.20	8.6	A
4:15 PM	10	96.0	0.30	10.3	B
3:30 PM	Avg	94.8	0.28	10.4	B
3:45 PM	Avg	95.2	0.27	10.4	B
4:00 PM	Avg	95.5	0.27	10.4	B
4:15 PM	Avg	95.1	0.26	10.0	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	1	73.0	0.20	11.4	B
3:30 PM	2	77.0	0.20	11.7	B
3:30 PM	3	72.0	0.20	10.8	B
3:30 PM	4	79.0	0.20	10.5	B
3:30 PM	5	72.0	0.20	10.5	B
3:30 PM	6	74.0	0.20	10.1	B
3:30 PM	7	70.0	0.20	10.2	B
3:30 PM	8	80.0	0.20	9.9	A
3:30 PM	9	69.0	0.20	11.2	B
3:30 PM	10	71.0	0.20	12.1	B
3:45 PM	1	73.0	0.20	9.1	A
3:45 PM	2	75.0	0.20	10.0	B
3:45 PM	3	69.0	0.20	11.1	B
3:45 PM	4	73.0	0.20	10.7	B
3:45 PM	5	66.0	0.20	9.9	A
3:45 PM	6	77.0	0.20	8.9	A
3:45 PM	7	77.0	0.20	10.0	A
3:45 PM	8	68.0	0.20	9.7	A
3:45 PM	9	72.0	0.20	9.3	A
3:45 PM	10	77.0	0.20	11.0	B
4:00 PM	1	77.0	0.20	8.9	A
4:00 PM	2	69.0	0.20	10.6	B
4:00 PM	3	72.0	0.20	11.9	B
4:00 PM	4	74.0	0.20	10.3	B
4:00 PM	5	71.0	0.20	9.5	A
4:00 PM	6	71.0	0.20	11.2	B
4:00 PM	7	66.0	0.20	11.1	B
4:00 PM	8	74.0	0.20	9.5	A
4:00 PM	9	75.0	0.20	10.6	B
4:00 PM	10	71.0	0.20	10.9	B
4:15 PM	1	75.0	0.20	9.1	A
4:15 PM	2	73.0	0.20	9.1	A
4:15 PM	3	72.0	0.20	11.3	B
4:15 PM	4	72.0	0.20	10.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	74.0	0.20	10.4	B
4:15 PM	6	76.0	0.30	12.3	B
4:15 PM	7	73.0	0.20	10.0	A
4:15 PM	8	67.0	0.20	10.5	B
4:15 PM	9	73.0	0.20	9.3	A
4:15 PM	10	70.0	0.20	11.1	B
3:30 PM	Avg	73.7	0.20	10.8	B
3:45 PM	Avg	72.7	0.20	10.0	A
4:00 PM	Avg	72.0	0.20	10.5	B
4:15 PM	Avg	72.5	0.21	10.3	B
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	1	67.0	0.20	8.5	A
3:30 PM	2	60.0	0.10	8.5	A
3:30 PM	3	68.0	0.10	7.5	A
3:30 PM	4	59.0	0.10	7.0	A
3:30 PM	5	68.0	0.10	6.8	A
3:30 PM	6	65.0	0.10	7.5	A
3:30 PM	7	67.0	0.10	6.8	A
3:30 PM	8	61.0	0.10	7.0	A
3:30 PM	9	70.0	0.20	7.8	A
3:30 PM	10	66.0	0.10	7.2	A
3:45 PM	1	61.0	0.10	7.3	A
3:45 PM	2	68.0	0.10	6.6	A
3:45 PM	3	65.0	0.10	7.8	A
3:45 PM	4	66.0	0.10	7.3	A
3:45 PM	5	72.0	0.10	6.8	A
3:45 PM	6	57.0	0.10	6.9	A
3:45 PM	7	62.0	0.10	6.5	A
3:45 PM	8	68.0	0.10	7.6	A
3:45 PM	9	64.0	0.10	6.6	A
3:45 PM	10	63.0	0.10	7.9	A
4:00 PM	1	63.0	0.10	8.2	A
4:00 PM	2	65.0	0.10	6.6	A
4:00 PM	3	68.0	0.10	7.8	A
4:00 PM	4	62.0	0.10	7.7	A
4:00 PM	5	67.0	0.10	6.9	A
4:00 PM	6	66.0	0.10	7.2	A
4:00 PM	7	70.0	0.10	7.2	A
4:00 PM	8	65.0	0.10	7.4	A
4:00 PM	9	64.0	0.10	7.2	A
4:00 PM	10	64.0	0.10	8.4	A
4:15 PM	1	63.0	0.10	6.6	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	65.0	0.10	7.1	A
4:15 PM	3	63.0	0.10	8.4	A
4:15 PM	4	65.0	0.10	7.2	A
4:15 PM	5	63.0	0.10	7.9	A
4:15 PM	6	64.0	0.10	8.2	A
4:15 PM	7	66.0	0.10	7.3	A
4:15 PM	8	69.0	0.10	6.9	A
4:15 PM	9	64.0	0.10	7.9	A
4:15 PM	10	66.0	0.10	7.0	A
3:30 PM	Avg	65.1	0.12	7.5	A
3:45 PM	Avg	64.6	0.10	7.1	A
4:00 PM	Avg	65.4	0.10	7.5	A
4:15 PM	Avg	64.8	0.10	7.4	A

WB T on LAKE AVE NW: Lane ID 274842

3:30 PM	1	72.0	0.10	3.7	A
3:30 PM	2	72.0	0.10	5.1	A
3:30 PM	3	73.0	0.10	3.6	A
3:30 PM	4	73.0	0.10	4.9	A
3:30 PM	5	70.0	0.10	3.5	A
3:30 PM	6	71.0	0.10	4.6	A
3:30 PM	7	71.0	0.10	5.0	A
3:30 PM	8	74.0	0.10	4.7	A
3:30 PM	9	73.0	0.10	3.9	A
3:30 PM	10	72.0	0.10	4.5	A
3:45 PM	1	72.0	0.10	5.2	A
3:45 PM	2	73.0	0.10	4.2	A
3:45 PM	3	75.0	0.10	5.1	A
3:45 PM	4	74.0	0.10	4.0	A
3:45 PM	5	75.0	0.10	3.5	A
3:45 PM	6	71.0	0.10	3.8	A
3:45 PM	7	72.0	0.10	4.1	A
3:45 PM	8	73.0	0.10	5.0	A
3:45 PM	9	73.0	0.10	4.2	A
3:45 PM	10	74.0	0.10	4.6	A
4:00 PM	1	73.0	0.10	3.7	A
4:00 PM	2	72.0	0.10	3.7	A
4:00 PM	3	72.0	0.10	4.7	A
4:00 PM	4	71.0	0.10	4.6	A
4:00 PM	5	73.0	0.10	5.6	A
4:00 PM	6	73.0	0.10	4.7	A
4:00 PM	7	74.0	0.10	4.5	A
4:00 PM	8	72.0	0.10	4.3	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	9	72.0	0.10	3.6	A
4:00 PM	10	72.0	0.10	4.1	A
4:15 PM	1	73.0	0.10	4.9	A
4:15 PM	2	74.0	0.10	5.2	A
4:15 PM	3	74.0	0.10	4.2	A
4:15 PM	4	74.0	0.10	3.9	A
4:15 PM	5	73.0	0.10	3.9	A
4:15 PM	6	76.0	0.10	4.4	A
4:15 PM	7	74.0	0.10	5.8	A
4:15 PM	8	72.0	0.10	4.5	A
4:15 PM	9	74.0	0.10	4.9	A
4:15 PM	10	73.0	0.10	3.4	A
3:30 PM	Avg	72.1	0.10	4.3	A
3:45 PM	Avg	73.2	0.10	4.4	A
4:00 PM	Avg	72.4	0.10	4.3	A
4:15 PM	Avg	73.7	0.10	4.5	A

WB T on LAKE AVE NW: Lane ID 274843

3:30 PM	1	115.0	0.10	4.6	A
3:30 PM	2	115.0	0.20	5.3	A
3:30 PM	3	115.0	0.10	3.7	A
3:30 PM	4	114.0	0.20	5.4	A
3:30 PM	5	115.0	0.20	5.2	A
3:30 PM	6	114.0	0.20	5.7	A
3:30 PM	7	118.0	0.20	5.0	A
3:30 PM	8	114.0	0.10	4.6	A
3:30 PM	9	118.0	0.20	4.9	A
3:30 PM	10	117.0	0.20	5.0	A
3:45 PM	1	118.0	0.10	4.5	A
3:45 PM	2	116.0	0.20	4.9	A
3:45 PM	3	115.0	0.20	5.3	A
3:45 PM	4	116.0	0.10	4.6	A
3:45 PM	5	116.0	0.20	5.9	A
3:45 PM	6	115.0	0.20	5.6	A
3:45 PM	7	111.0	0.20	5.9	A
3:45 PM	8	120.0	0.20	5.3	A
3:45 PM	9	117.0	0.20	5.0	A
3:45 PM	10	115.0	0.20	5.0	A
4:00 PM	1	110.0	0.10	4.1	A
4:00 PM	2	113.0	0.20	4.9	A
4:00 PM	3	115.0	0.20	4.9	A
4:00 PM	4	115.0	0.20	5.7	A
4:00 PM	5	114.0	0.20	5.8	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	6	114.0	0.20	5.5	A
4:00 PM	7	116.0	0.20	4.7	A
4:00 PM	8	112.0	0.10	4.0	A
4:00 PM	9	116.0	0.10	4.1	A
4:00 PM	10	115.0	0.20	5.1	A
4:15 PM	1	116.0	0.20	5.1	A
4:15 PM	2	116.0	0.20	4.9	A
4:15 PM	3	113.0	0.20	5.3	A
4:15 PM	4	115.0	0.20	5.0	A
4:15 PM	5	117.0	0.20	5.1	A
4:15 PM	6	116.0	0.10	4.1	A
4:15 PM	7	114.0	0.20	6.0	A
4:15 PM	8	115.0	0.20	5.0	A
4:15 PM	9	114.0	0.10	4.1	A
4:15 PM	10	114.0	0.10	3.4	A
3:30 PM	Avg	115.5	0.17	4.9	A
3:45 PM	Avg	115.9	0.18	5.2	A
4:00 PM	Avg	114.0	0.17	4.9	A
4:15 PM	Avg	115.0	0.17	4.8	A

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	0.2	0.0	0.2	0.3	10
3:45 PM	0.2	0.0	0.2	0.2	10
4:00 PM	0.2	0.0	0.2	0.2	10
4:15 PM	0.2	0.0	0.2	0.2	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	0.5	0.1	0.4	0.6	10
3:45 PM	0.4	0.1	0.3	0.6	10
4:00 PM	0.4	0.1	0.3	0.5	10
4:15 PM	0.4	0.1	0.3	0.6	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	0.3	0.1	0.2	0.3	10
3:45 PM	0.2	0.1	0.2	0.3	10
4:00 PM	0.3	0.1	0.2	0.3	10
4:15 PM	0.2	0.0	0.2	0.3	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.4	0.1	0.3	0.6	10
4:00 PM	0.4	0.1	0.3	0.7	10
4:15 PM	0.4	0.1	0.3	0.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.4	0.1	0.3	0.6	10
4:00 PM	0.4	0.1	0.3	0.5	10
4:15 PM	0.4	0.1	0.3	0.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	0.3	0.0	0.3	0.4	10
3:45 PM	0.3	0.0	0.3	0.4	10
4:00 PM	0.3	0.0	0.3	0.4	10
4:15 PM	0.3	0.1	0.3	0.5	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	0.3	0.0	0.2	0.3	10
3:45 PM	0.3	0.0	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.1	0.2	0.3	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	0.2	0.0	0.2	0.2	10
3:45 PM	0.2	0.0	0.2	0.2	10
4:00 PM	0.2	0.0	0.2	0.2	10
4:15 PM	0.2	0.0	0.2	0.3	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	0.1	0.0	0.1	0.2	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
WB T on LAKE AVE NW: Lane ID 274842					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
WB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	0.2	0.0	0.1	0.2	10
3:45 PM	0.2	0.0	0.1	0.2	10
4:00 PM	0.2	0.0	0.1	0.2	10
4:15 PM	0.2	0.0	0.1	0.2	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	5.5	0.3	5.1	5.9	10
3:45 PM	5.1	0.4	4.5	5.7	10
4:00 PM	5.4	0.3	4.9	5.9	10
4:15 PM	5.2	0.3	4.6	5.7	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	6.1	0.5	5.4	7.0	10
3:45 PM	6.0	0.4	5.2	6.4	10
4:00 PM	6.1	0.3	5.6	6.5	10
4:15 PM	6.0	0.2	5.8	6.3	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	22.3	3.7	18.4	29.1	10
3:45 PM	21.2	4.4	16.5	31.6	10
4:00 PM	20.6	3.8	13.8	25.9	10
4:15 PM	21.5	4.9	16.7	31.6	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	9.0	1.2	7.2	11.8	10
3:45 PM	8.8	1.2	7.4	10.5	10
4:00 PM	8.8	0.7	7.5	9.7	10
4:15 PM	9.0	0.8	8.1	11.2	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	9.1	1.8	7.1	13.3	10
3:45 PM	10.3	1.8	7.7	14.1	10
4:00 PM	10.4	3.3	7.8	17.1	10
4:15 PM	10.2	2.1	7.1	13.9	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	15.4	2.5	12.1	20.0	10
3:45 PM	14.1	3.7	10.6	23.4	10
4:00 PM	13.1	1.7	11.1	16.9	10
4:15 PM	13.7	3.2	9.9	21.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	10.6	0.9	8.9	11.7	10
3:45 PM	10.4	0.9	8.8	11.6	10
4:00 PM	10.4	0.6	9.2	11.8	10
4:15 PM	10.5	1.8	8.6	15.1	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	10.4	1.1	8.7	11.8	10
3:45 PM	10.4	1.1	8.9	11.8	10
4:00 PM	10.4	1.1	9.2	12.2	10
4:15 PM	10.0	1.0	8.6	11.7	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	10.8	0.7	9.9	12.1	10
3:45 PM	10.0	0.8	8.9	11.1	10
4:00 PM	10.5	0.9	8.9	11.9	10
4:15 PM	10.3	1.0	9.1	12.3	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	7.5	0.6	6.8	8.5	10
3:45 PM	7.1	0.5	6.5	7.9	10
4:00 PM	7.5	0.6	6.6	8.4	10
4:15 PM	7.4	0.6	6.6	8.4	10
WB T on LAKE AVE NW: Lane ID 274842					
3:30 PM	4.3	0.6	3.5	5.1	10
3:45 PM	4.4	0.6	3.5	5.2	10
4:00 PM	4.3	0.6	3.6	5.6	10
4:15 PM	4.5	0.7	3.4	5.8	10
WB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	4.9	0.6	3.7	5.7	10
3:45 PM	5.2	0.5	4.5	5.9	10
4:00 PM	4.9	0.7	4.0	5.8	10
4:15 PM	4.8	0.7	3.4	6.0	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
3:30 PM	1	30.0	4.2	0.2	26.1	1.0	0.0%
3:30 PM	2	30.0	5.1	0.2	35.5	1.5	0.0%
3:30 PM	3	30.0	2.1	0.1	20.2	1.0	0.0%
3:30 PM	4	30.0	3.3	0.1	23.9	1.0	0.0%
3:30 PM	5	30.0	3.4	0.1	27.8	1.0	0.0%
3:30 PM	6	30.0	1.3	0.1	10.1	0.5	0.0%
3:30 PM	7	30.0	1.1	0.1	8.5	0.5	0.0%
3:30 PM	8	30.0	2.5	0.1	13.2	0.5	0.0%
3:30 PM	9	30.0	8.6	0.3	30.1	1.0	0.0%
3:30 PM	10	30.0	2.1	0.1	16.9	1.0	0.0%
3:45 PM	1	30.0	1.4	0.1	8.2	0.5	0.0%
3:45 PM	2	30.0	1.1	0.1	0.0	0.0	0.0%
3:45 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.8	0.1	1.6	0.5	0.0%
3:45 PM	5	30.0	3.0	0.1	22.9	1.0	0.0%
3:45 PM	6	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	3.2	0.2	14.3	1.0	0.0%
3:45 PM	8	30.0	6.2	0.1	20.0	1.0	0.0%
3:45 PM	9	30.0	4.7	0.2	30.8	1.0	0.0%
3:45 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	2.3	0.1	16.7	1.0	0.0%
4:00 PM	2	30.0	1.8	0.1	15.9	1.0	0.0%
4:00 PM	3	30.0	4.1	0.2	22.0	1.0	0.0%
4:00 PM	4	30.0	1.2	0.1	9.4	0.5	0.0%
4:00 PM	5	30.0	3.1	0.1	25.2	1.1	0.0%
4:00 PM	6	30.0	3.6	0.2	21.8	1.0	0.0%
4:00 PM	7	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	1.3	0.1	8.2	0.5	0.0%
4:00 PM	9	30.0	1.8	0.1	16.6	1.0	0.0%
4:00 PM	10	30.0	1.0	0.1	8.0	0.5	0.0%
4:15 PM	1	29.0	1.5	0.1	13.3	1.0	0.0%
4:15 PM	2	29.0	3.1	0.1	12.5	0.6	0.0%
4:15 PM	3	29.0	1.7	0.1	4.3	0.6	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	2.6	0.1	18.0	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	1.3	0.1	0.0	0.0	0.0%
4:15 PM	8	29.0	0.5	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	1.7	0.1	13.5	1.0	0.0%
4:15 PM	10	29.0	3.9	0.1	19.0	1.0	0.0%
3:30 PM	Avg	30.0	3.4	0.1	21.2	0.9	0.0%
3:45 PM	Avg	30.0	2.1	0.1	9.8	0.5	0.0%
4:00 PM	Avg	30.0	2.1	0.1	14.4	0.8	0.0%
4:15 PM	Avg	29.0	1.6	0.1	8.1	0.5	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
3:30 PM	1	30.0	5.4	0.3	18.4	1.0	0.0%
3:30 PM	2	30.0	4.8	0.2	23.2	1.0	0.0%
3:30 PM	3	30.0	7.6	0.3	32.8	1.5	0.0%
3:30 PM	4	30.0	10.3	0.5	53.1	2.5	0.0%
3:30 PM	5	30.0	4.5	0.2	24.2	1.0	0.0%
3:30 PM	6	30.0	6.6	0.3	37.9	1.5	0.0%
3:30 PM	7	30.0	3.9	0.2	19.8	1.0	0.0%
3:30 PM	8	30.0	4.0	0.2	20.9	1.0	0.0%
3:30 PM	9	30.0	4.7	0.3	28.7	1.5	0.0%
3:30 PM	10	30.0	1.5	0.1	14.2	1.0	0.0%
3:45 PM	1	30.0	4.2	0.2	23.7	1.0	0.0%
3:45 PM	2	30.0	5.0	0.2	24.2	1.0	0.0%
3:45 PM	3	30.0	2.4	0.1	18.4	1.0	0.0%
3:45 PM	4	30.0	6.4	0.2	33.6	1.0	0.0%
3:45 PM	5	30.0	4.6	0.2	25.7	1.0	0.0%
3:45 PM	6	30.0	3.5	0.1	22.7	1.0	0.0%
3:45 PM	7	30.0	6.1	0.3	35.0	1.5	0.0%
3:45 PM	8	30.0	4.4	0.2	27.8	1.0	0.0%
3:45 PM	9	30.0	5.6	0.3	47.7	2.0	0.0%
3:45 PM	10	30.0	2.0	0.1	9.9	0.5	0.0%
4:00 PM	1	30.0	3.9	0.2	21.1	1.0	0.0%
4:00 PM	2	30.0	5.7	0.3	20.9	1.0	0.0%
4:00 PM	3	30.0	5.4	0.3	22.6	1.0	0.0%
4:00 PM	4	30.0	4.1	0.1	27.1	1.0	0.0%
4:00 PM	5	30.0	7.8	0.3	35.4	1.5	0.0%
4:00 PM	6	30.0	2.1	0.1	17.1	1.0	0.0%
4:00 PM	7	30.0	4.2	0.2	18.5	1.0	0.0%
4:00 PM	8	30.0	6.3	0.3	32.1	1.5	0.0%
4:00 PM	9	30.0	5.2	0.3	19.8	1.0	0.0%
4:00 PM	10	30.0	8.9	0.4	38.9	1.5	0.0%
4:15 PM	1	29.0	3.4	0.2	19.7	1.0	0.0%
4:15 PM	2	29.0	2.8	0.1	18.0	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	7.8	0.3	48.0	1.6	0.0%
4:15 PM	4	29.0	2.7	0.1	16.1	1.0	0.0%
4:15 PM	5	29.0	3.4	0.2	20.4	1.0	0.0%
4:15 PM	6	29.0	3.5	0.2	19.8	1.0	0.0%
4:15 PM	7	29.0	4.8	0.2	37.8	1.6	0.0%
4:15 PM	8	29.0	3.1	0.1	24.6	1.0	0.0%
4:15 PM	9	29.0	2.3	0.1	16.5	1.0	0.0%
4:15 PM	10	29.0	7.8	0.3	43.7	2.0	0.0%
3:30 PM	Avg	30.0	5.3	0.3	27.3	1.3	0.0%
3:45 PM	Avg	30.0	4.4	0.2	26.9	1.1	0.0%
4:00 PM	Avg	30.0	5.4	0.3	25.4	1.2	0.0%
4:15 PM	Avg	29.0	4.2	0.2	26.5	1.2	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
3:30 PM	1	30.0	35.9	1.5	107.7	4.0	0.0%
3:30 PM	2	30.0	44.8	1.6	146.1	4.6	0.0%
3:30 PM	3	30.0	42.0	1.8	102.4	4.0	0.0%
3:30 PM	4	30.0	38.3	1.5	102.4	4.0	0.0%
3:30 PM	5	30.0	30.1	1.1	89.0	3.0	0.0%
3:30 PM	6	30.0	26.0	1.0	85.2	2.0	0.0%
3:30 PM	7	30.0	28.6	1.2	86.0	3.5	0.0%
3:30 PM	8	30.0	27.5	1.2	90.4	4.0	0.0%
3:30 PM	9	30.0	27.7	1.0	121.3	3.5	0.0%
3:30 PM	10	30.0	36.6	1.4	89.1	3.5	0.0%
3:45 PM	1	30.0	38.4	1.5	116.1	4.0	0.0%
3:45 PM	2	30.0	51.2	2.0	148.3	5.5	0.0%
3:45 PM	3	30.0	23.3	1.0	85.2	3.0	0.0%
3:45 PM	4	30.0	22.0	0.9	85.1	3.1	0.0%
3:45 PM	5	30.0	36.4	1.5	121.6	4.5	0.0%
3:45 PM	6	30.0	27.6	1.1	102.3	4.0	0.0%
3:45 PM	7	30.0	30.1	1.2	87.9	4.0	0.0%
3:45 PM	8	30.0	39.5	1.6	131.7	5.0	0.0%
3:45 PM	9	30.0	30.9	1.3	90.9	3.5	0.0%
3:45 PM	10	30.0	33.1	1.3	111.5	4.0	0.0%
4:00 PM	1	30.0	31.7	1.3	85.2	3.0	0.0%
4:00 PM	2	30.0	29.1	1.1	111.6	4.0	0.0%
4:00 PM	3	30.0	24.4	1.0	70.7	2.0	0.0%
4:00 PM	4	30.0	36.8	1.3	127.4	4.0	0.0%
4:00 PM	5	30.0	33.2	1.2	111.0	3.5	0.0%
4:00 PM	6	30.0	15.9	0.7	50.7	2.0	0.0%
4:00 PM	7	30.0	45.2	1.7	122.6	4.0	0.0%
4:00 PM	8	30.0	42.1	1.7	129.7	5.0	0.0%
4:00 PM	9	30.0	26.3	1.1	90.4	3.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	21.5	0.9	85.2	3.0	0.0%
4:15 PM	1	29.0	30.4	1.3	98.7	4.0	0.0%
4:15 PM	2	29.0	59.3	2.2	129.0	5.0	0.0%
4:15 PM	3	29.0	50.7	2.0	111.0	4.0	0.0%
4:15 PM	4	29.0	27.7	1.1	93.6	3.0	0.0%
4:15 PM	5	29.0	41.8	1.7	111.9	4.0	0.0%
4:15 PM	6	29.0	29.8	1.2	116.0	4.0	0.0%
4:15 PM	7	29.0	40.9	1.5	105.5	4.0	0.0%
4:15 PM	8	29.0	23.4	1.0	85.2	3.0	0.0%
4:15 PM	9	29.0	24.8	1.0	85.2	3.0	0.0%
4:15 PM	10	29.0	24.7	1.0	106.4	3.6	0.0%
3:30 PM	Avg	30.0	33.8	1.3	102.0	3.6	0.0%
3:45 PM	Avg	30.0	33.3	1.3	108.1	4.1	0.0%
4:00 PM	Avg	30.0	30.6	1.2	98.5	3.4	0.0%
4:15 PM	Avg	29.0	35.4	1.4	104.3	3.8	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
3:30 PM	1	30.0	8.3	0.3	41.1	1.5	0.0%
3:30 PM	2	30.0	11.3	0.4	62.4	2.5	0.0%
3:30 PM	3	30.0	9.0	0.4	38.3	1.5	0.0%
3:30 PM	4	30.0	11.5	0.5	66.4	2.5	0.0%
3:30 PM	5	30.0	5.3	0.3	21.4	1.0	0.0%
3:30 PM	6	30.0	13.6	0.5	64.0	2.5	0.0%
3:30 PM	7	30.0	8.1	0.3	43.1	1.5	0.0%
3:30 PM	8	30.0	9.1	0.5	40.3	2.0	0.0%
3:30 PM	9	30.0	21.3	0.8	86.1	3.0	0.0%
3:30 PM	10	30.0	10.7	0.4	58.1	2.5	0.0%
3:45 PM	1	30.0	18.2	0.7	96.7	2.5	0.0%
3:45 PM	2	30.0	16.5	0.7	66.8	3.1	0.0%
3:45 PM	3	30.0	8.6	0.4	41.1	2.0	0.0%
3:45 PM	4	30.0	6.6	0.3	33.7	1.5	0.0%
3:45 PM	5	30.0	7.9	0.3	45.0	1.5	0.0%
3:45 PM	6	30.0	7.6	0.3	36.5	1.5	0.0%
3:45 PM	7	30.0	10.8	0.4	42.5	2.0	0.0%
3:45 PM	8	30.0	10.0	0.5	45.4	2.0	0.0%
3:45 PM	9	30.0	6.3	0.3	21.8	1.0	0.0%
3:45 PM	10	30.0	14.0	0.6	73.0	3.0	0.0%
4:00 PM	1	30.0	16.7	0.7	68.1	2.5	0.0%
4:00 PM	2	30.0	10.4	0.4	41.9	1.5	0.0%
4:00 PM	3	30.0	9.6	0.4	42.4	2.0	0.0%
4:00 PM	4	30.0	6.5	0.3	32.0	1.5	0.0%
4:00 PM	5	30.0	7.1	0.3	47.1	2.0	0.0%
4:00 PM	6	30.0	10.9	0.5	44.6	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	8.7	0.4	49.6	2.0	0.0%
4:00 PM	8	30.0	11.6	0.5	73.0	3.0	0.0%
4:00 PM	9	30.0	6.9	0.3	46.2	2.0	0.0%
4:00 PM	10	30.0	8.6	0.4	47.3	2.0	0.0%
4:15 PM	1	29.0	10.1	0.4	49.0	2.0	0.0%
4:15 PM	2	29.0	6.5	0.3	27.3	1.0	0.0%
4:15 PM	3	29.0	11.0	0.5	63.3	2.6	0.0%
4:15 PM	4	29.0	8.8	0.3	35.8	1.0	0.0%
4:15 PM	5	29.0	10.7	0.4	56.6	2.2	0.0%
4:15 PM	6	29.0	8.7	0.4	42.6	2.0	0.0%
4:15 PM	7	29.0	12.4	0.6	50.1	2.0	0.0%
4:15 PM	8	29.0	14.7	0.6	71.2	2.6	0.0%
4:15 PM	9	29.0	14.2	0.7	63.3	2.6	0.0%
4:15 PM	10	29.0	10.5	0.4	62.8	2.6	0.0%
3:30 PM	Avg	30.0	10.8	0.4	52.1	2.1	0.0%
3:45 PM	Avg	30.0	10.7	0.5	50.3	2.0	0.0%
4:00 PM	Avg	30.0	9.7	0.4	49.2	2.1	0.0%
4:15 PM	Avg	29.0	10.8	0.5	52.2	2.1	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
3:30 PM	1	30.0	17.6	0.8	73.1	3.0	0.0%
3:30 PM	2	30.0	29.2	1.1	108.6	4.0	0.0%
3:30 PM	3	30.0	18.9	0.7	69.7	3.0	0.0%
3:30 PM	4	30.0	31.5	1.2	87.2	2.5	0.0%
3:30 PM	5	30.0	12.0	0.5	57.7	2.1	0.0%
3:30 PM	6	30.0	43.7	1.5	152.3	4.5	0.0%
3:30 PM	7	30.0	24.3	1.0	93.9	3.5	0.0%
3:30 PM	8	30.0	23.3	0.8	94.9	4.0	0.0%
3:30 PM	9	30.0	28.5	1.0	106.6	3.5	0.0%
3:30 PM	10	30.0	24.3	0.9	100.8	3.0	0.0%
3:45 PM	1	30.0	33.8	1.1	119.0	4.0	0.0%
3:45 PM	2	30.0	25.1	1.0	109.8	3.5	0.0%
3:45 PM	3	30.0	36.2	1.4	106.4	4.0	0.0%
3:45 PM	4	30.0	46.0	1.6	139.9	4.5	0.0%
3:45 PM	5	30.0	23.2	0.9	113.3	3.5	0.0%
3:45 PM	6	30.0	31.7	1.1	118.4	4.0	0.0%
3:45 PM	7	30.0	16.7	0.6	74.0	3.0	0.0%
3:45 PM	8	30.0	20.1	0.8	77.4	3.0	0.0%
3:45 PM	9	30.0	32.3	1.3	117.2	4.5	0.0%
3:45 PM	10	30.0	56.2	1.9	182.2	6.5	0.0%
4:00 PM	1	30.0	31.9	1.2	129.7	4.1	0.0%
4:00 PM	2	30.0	22.8	0.9	106.4	4.0	0.0%
4:00 PM	3	30.0	18.8	0.8	76.9	3.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	27.5	1.0	98.7	3.5	0.0%
4:00 PM	5	30.0	55.5	1.9	199.1	6.0	0.0%
4:00 PM	6	30.0	19.8	0.8	93.3	3.5	0.0%
4:00 PM	7	30.0	53.1	1.7	220.0	6.1	0.0%
4:00 PM	8	30.0	24.7	1.0	106.8	3.5	0.0%
4:00 PM	9	30.0	25.1	1.0	87.7	3.5	0.0%
4:00 PM	10	30.0	25.4	0.9	96.0	3.5	0.0%
4:15 PM	1	29.0	30.8	1.1	113.1	4.0	0.0%
4:15 PM	2	29.0	30.5	1.1	109.0	4.0	0.0%
4:15 PM	3	29.0	28.5	0.9	121.5	3.6	0.0%
4:15 PM	4	29.0	14.7	0.6	75.6	3.0	0.0%
4:15 PM	5	29.0	31.3	1.2	132.3	4.6	0.0%
4:15 PM	6	29.0	48.2	1.7	162.6	4.6	0.0%
4:15 PM	7	29.0	31.4	1.2	111.0	3.6	0.0%
4:15 PM	8	29.0	34.6	1.2	175.9	6.2	0.0%
4:15 PM	9	29.0	10.4	0.4	43.4	1.6	0.0%
4:15 PM	10	29.0	17.4	0.7	62.9	2.0	0.0%
3:30 PM	Avg	30.0	25.3	1.0	94.5	3.3	0.0%
3:45 PM	Avg	30.0	32.1	1.2	115.8	4.1	0.0%
4:00 PM	Avg	30.0	30.5	1.1	121.5	4.1	0.0%
4:15 PM	Avg	29.0	27.8	1.0	110.7	3.7	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
3:30 PM	1	30.0	38.9	1.3	165.0	4.5	0.0%
3:30 PM	2	30.0	38.3	1.4	120.9	4.0	0.0%
3:30 PM	3	30.0	41.8	1.6	128.8	5.0	0.0%
3:30 PM	4	30.0	31.6	1.1	147.4	4.5	0.0%
3:30 PM	5	30.0	29.8	1.1	123.9	4.5	0.0%
3:30 PM	6	30.0	55.1	2.0	165.2	6.0	0.0%
3:30 PM	7	30.0	25.8	1.0	66.7	2.5	0.0%
3:30 PM	8	30.0	33.4	1.3	109.0	4.0	0.0%
3:30 PM	9	30.0	22.9	0.9	87.9	3.0	0.0%
3:30 PM	10	30.0	40.3	1.4	122.7	3.5	0.0%
3:45 PM	1	30.0	48.5	1.8	165.0	5.5	0.0%
3:45 PM	2	30.0	20.3	0.8	99.6	4.0	0.0%
3:45 PM	3	30.0	13.0	0.6	58.2	2.5	0.0%
3:45 PM	4	30.0	17.6	0.8	71.0	3.0	0.0%
3:45 PM	5	30.0	26.4	1.2	108.0	4.5	0.0%
3:45 PM	6	30.0	24.0	0.9	74.7	3.0	0.0%
3:45 PM	7	30.0	20.8	0.8	93.8	3.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	38.7	1.5	127.0	5.0	0.0%
3:45 PM	9	30.0	21.2	0.9	55.7	2.0	0.0%
3:45 PM	10	30.0	22.0	0.9	88.2	2.5	0.0%
4:00 PM	1	30.0	22.6	0.9	91.7	3.0	0.0%
4:00 PM	2	30.0	27.4	1.1	120.2	4.5	0.0%
4:00 PM	3	30.0	21.6	0.9	74.3	3.0	0.0%
4:00 PM	4	30.0	24.1	0.9	80.6	3.0	0.0%
4:00 PM	5	30.0	27.7	1.1	115.9	4.5	0.0%
4:00 PM	6	30.0	20.4	0.8	80.0	3.0	0.0%
4:00 PM	7	30.0	25.0	1.0	89.3	2.5	0.0%
4:00 PM	8	30.0	14.3	0.7	49.6	2.0	0.0%
4:00 PM	9	30.0	21.4	0.9	78.9	3.1	0.0%
4:00 PM	10	30.0	24.6	0.9	88.3	3.0	0.0%
4:15 PM	1	29.0	18.7	0.8	76.2	3.0	0.0%
4:15 PM	2	29.0	34.8	1.3	118.1	4.0	0.0%
4:15 PM	3	29.0	19.2	0.9	61.4	3.0	0.0%
4:15 PM	4	29.0	25.4	1.1	110.5	4.0	0.0%
4:15 PM	5	29.0	37.0	1.3	134.1	4.0	0.0%
4:15 PM	6	29.0	20.8	0.9	66.9	2.0	0.0%
4:15 PM	7	29.0	28.9	1.2	103.9	3.6	0.0%
4:15 PM	8	29.0	25.2	1.0	83.2	3.0	0.0%
4:15 PM	9	29.0	16.4	0.7	47.4	2.0	0.0%
4:15 PM	10	29.0	30.4	1.3	103.9	3.6	0.0%
3:30 PM	Avg	30.0	35.8	1.3	123.8	4.2	0.0%
3:45 PM	Avg	30.0	25.3	1.0	94.1	3.6	0.0%
4:00 PM	Avg	30.0	22.9	0.9	86.9	3.2	0.0%
4:15 PM	Avg	29.0	25.7	1.1	90.6	3.2	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274810

3:30 PM	1	30.0	21.3	0.9	85.1	3.0	0.0%
3:30 PM	2	30.0	9.1	0.4	56.8	2.5	0.0%
3:30 PM	3	30.0	17.5	0.8	73.6	3.5	0.0%
3:30 PM	4	30.0	17.5	0.7	64.8	2.5	0.0%
3:30 PM	5	30.0	17.0	0.6	60.9	2.0	0.0%
3:30 PM	6	30.0	11.2	0.6	47.1	2.0	0.0%
3:30 PM	7	30.0	25.1	1.0	92.0	3.0	0.0%
3:30 PM	8	30.0	17.1	0.6	78.7	2.0	0.0%
3:30 PM	9	30.0	16.6	0.7	72.7	2.5	0.0%
3:30 PM	10	30.0	18.8	0.7	69.8	2.0	0.0%
3:45 PM	1	30.0	14.9	0.6	67.9	2.5	0.0%
3:45 PM	2	30.0	11.6	0.5	66.4	2.5	0.0%
3:45 PM	3	30.0	18.0	0.7	73.7	2.5	0.0%
3:45 PM	4	30.0	15.9	0.7	67.5	2.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	15.8	0.7	65.6	2.0	0.0%
3:45 PM	6	30.0	9.3	0.4	44.2	2.0	0.0%
3:45 PM	7	30.0	20.6	0.8	93.3	3.5	0.0%
3:45 PM	8	30.0	14.2	0.6	63.9	2.0	0.0%
3:45 PM	9	30.0	10.9	0.5	51.3	2.0	0.0%
3:45 PM	10	30.0	15.2	0.6	81.0	3.0	0.0%
4:00 PM	1	30.0	15.5	0.7	63.3	2.5	0.0%
4:00 PM	2	30.0	20.8	0.8	92.5	3.5	0.0%
4:00 PM	3	30.0	18.7	0.8	82.7	2.5	0.0%
4:00 PM	4	30.0	11.0	0.5	44.3	2.0	0.0%
4:00 PM	5	30.0	15.4	0.5	63.4	2.0	0.0%
4:00 PM	6	30.0	13.3	0.5	88.6	3.5	0.0%
4:00 PM	7	30.0	6.6	0.3	34.4	1.5	0.0%
4:00 PM	8	30.0	13.3	0.5	66.8	2.5	0.0%
4:00 PM	9	30.0	20.0	0.8	81.8	3.0	0.0%
4:00 PM	10	30.0	26.2	1.0	138.6	4.5	0.0%
4:15 PM	1	29.0	24.6	0.9	83.7	3.0	0.0%
4:15 PM	2	29.0	9.5	0.4	39.3	1.6	0.0%
4:15 PM	3	29.0	11.7	0.5	53.8	2.0	0.0%
4:15 PM	4	29.0	18.5	0.7	82.4	3.0	0.0%
4:15 PM	5	29.0	12.4	0.5	67.7	2.6	0.0%
4:15 PM	6	29.0	5.6	0.3	27.7	1.6	0.0%
4:15 PM	7	29.0	15.6	0.6	88.1	3.6	0.0%
4:15 PM	8	29.0	35.8	1.3	171.6	5.2	0.0%
4:15 PM	9	29.0	15.7	0.6	95.1	2.6	0.0%
4:15 PM	10	29.0	16.4	0.6	98.3	3.6	0.0%
3:30 PM	Avg	30.0	17.1	0.7	70.2	2.5	0.0%
3:45 PM	Avg	30.0	14.6	0.6	67.5	2.5	0.0%
4:00 PM	Avg	30.0	16.1	0.6	75.6	2.8	0.0%
4:15 PM	Avg	29.0	16.6	0.6	80.8	2.9	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274851							
3:30 PM	1	30.0	19.2	0.8	76.2	2.5	0.0%
3:30 PM	2	30.0	11.8	0.5	44.0	2.0	0.0%
3:30 PM	3	30.0	16.7	0.7	71.3	2.5	0.0%
3:30 PM	4	30.0	18.6	0.6	69.7	2.5	0.0%
3:30 PM	5	30.0	19.3	0.7	73.5	2.5	0.0%
3:30 PM	6	30.0	13.6	0.6	56.0	2.0	0.0%
3:30 PM	7	30.0	18.6	0.7	83.8	2.5	0.0%
3:30 PM	8	30.0	12.3	0.5	59.2	2.5	0.0%
3:30 PM	9	30.0	8.7	0.4	36.4	1.5	0.0%
3:30 PM	10	30.0	20.8	0.8	73.2	3.0	0.0%
3:45 PM	1	30.0	13.8	0.6	52.7	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	8.1	0.4	40.1	1.5	0.0%
3:45 PM	3	30.0	10.8	0.4	59.4	2.0	0.0%
3:45 PM	4	30.0	10.4	0.4	34.5	1.0	0.0%
3:45 PM	5	30.0	17.1	0.7	102.2	3.5	0.0%
3:45 PM	6	30.0	8.3	0.4	45.2	2.0	0.0%
3:45 PM	7	30.0	26.3	0.8	129.8	3.0	0.0%
3:45 PM	8	30.0	13.6	0.5	64.5	2.0	0.0%
3:45 PM	9	30.0	16.2	0.6	86.7	3.0	0.0%
3:45 PM	10	30.0	10.5	0.4	69.9	2.0	0.0%
4:00 PM	1	30.0	9.6	0.4	41.8	1.5	0.0%
4:00 PM	2	30.0	18.7	0.8	77.7	3.0	0.0%
4:00 PM	3	30.0	18.6	0.7	85.7	2.0	0.0%
4:00 PM	4	30.0	15.5	0.6	57.5	2.5	0.0%
4:00 PM	5	30.0	14.2	0.6	47.7	2.0	0.0%
4:00 PM	6	30.0	11.3	0.5	52.5	2.0	0.0%
4:00 PM	7	30.0	5.8	0.3	35.3	1.5	0.0%
4:00 PM	8	30.0	15.9	0.7	57.4	2.0	0.0%
4:00 PM	9	30.0	14.8	0.6	66.9	2.0	0.0%
4:00 PM	10	30.0	20.7	0.8	102.4	3.5	0.0%
4:15 PM	1	29.0	15.6	0.7	52.9	2.6	0.0%
4:15 PM	2	29.0	10.5	0.4	43.8	1.6	0.0%
4:15 PM	3	29.0	15.1	0.5	55.4	2.0	0.0%
4:15 PM	4	29.0	10.6	0.5	45.4	2.0	0.0%
4:15 PM	5	29.0	5.6	0.3	29.9	1.6	0.0%
4:15 PM	6	29.0	15.8	0.6	91.2	2.0	0.0%
4:15 PM	7	29.0	19.6	0.7	77.5	3.0	0.0%
4:15 PM	8	29.0	14.3	0.6	57.3	2.0	0.0%
4:15 PM	9	29.0	11.7	0.6	43.1	2.0	0.0%
4:15 PM	10	29.0	15.9	0.6	72.6	3.0	0.0%
3:30 PM	Avg	30.0	16.0	0.6	64.3	2.4	0.0%
3:45 PM	Avg	30.0	13.5	0.5	68.5	2.2	0.0%
4:00 PM	Avg	30.0	14.5	0.6	62.5	2.2	0.0%
4:15 PM	Avg	29.0	13.5	0.6	56.9	2.2	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

3:30 PM	1	30.0	15.4	0.6	57.8	2.5	0.0%
3:30 PM	2	30.0	15.0	0.7	63.9	2.5	0.0%
3:30 PM	3	30.0	11.3	0.4	63.3	1.5	0.0%
3:30 PM	4	30.0	11.0	0.5	48.6	2.0	0.0%
3:30 PM	5	30.0	7.5	0.4	34.4	1.5	0.0%
3:30 PM	6	30.0	7.5	0.4	25.7	1.0	0.0%
3:30 PM	7	30.0	12.1	0.4	76.7	2.0	0.0%
3:30 PM	8	30.0	13.9	0.6	48.1	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	11.0	0.5	42.3	2.0	0.0%
3:30 PM	10	30.0	12.8	0.5	53.6	2.0	0.0%
3:45 PM	1	30.0	11.6	0.5	67.7	2.5	0.0%
3:45 PM	2	30.0	9.8	0.5	41.8	2.0	0.0%
3:45 PM	3	30.0	19.3	0.7	75.8	2.0	0.0%
3:45 PM	4	30.0	9.5	0.4	46.3	1.5	0.0%
3:45 PM	5	30.0	12.7	0.5	68.3	2.5	0.0%
3:45 PM	6	30.0	5.0	0.2	22.0	1.0	0.0%
3:45 PM	7	30.0	9.9	0.5	62.1	2.5	0.0%
3:45 PM	8	30.0	8.4	0.4	32.2	1.0	0.0%
3:45 PM	9	30.0	7.7	0.3	30.7	1.0	0.0%
3:45 PM	10	30.0	6.6	0.3	38.8	1.5	0.0%
4:00 PM	1	30.0	12.4	0.5	51.0	2.0	0.0%
4:00 PM	2	30.0	8.4	0.4	34.3	1.5	0.0%
4:00 PM	3	30.0	13.0	0.5	61.7	2.0	0.0%
4:00 PM	4	30.0	8.3	0.4	35.5	2.0	0.0%
4:00 PM	5	30.0	7.2	0.4	22.4	1.0	0.0%
4:00 PM	6	30.0	5.4	0.3	24.4	1.0	0.0%
4:00 PM	7	30.0	12.4	0.6	45.6	2.0	0.0%
4:00 PM	8	30.0	6.0	0.3	33.7	1.5	0.0%
4:00 PM	9	30.0	9.3	0.4	44.8	2.0	0.0%
4:00 PM	10	30.0	13.3	0.6	68.5	3.0	0.0%
4:15 PM	1	29.0	7.1	0.3	38.1	1.0	0.0%
4:15 PM	2	29.0	6.5	0.3	22.9	1.0	0.0%
4:15 PM	3	29.0	10.0	0.4	43.6	2.0	0.0%
4:15 PM	4	29.0	6.8	0.3	33.1	1.6	0.0%
4:15 PM	5	29.0	16.6	0.7	58.6	2.0	0.0%
4:15 PM	6	29.0	11.6	0.4	56.5	2.0	0.0%
4:15 PM	7	29.0	7.3	0.4	28.8	1.0	0.0%
4:15 PM	8	29.0	6.5	0.3	33.1	1.6	0.0%
4:15 PM	9	29.0	7.8	0.4	32.1	1.0	0.0%
4:15 PM	10	29.0	10.2	0.4	54.8	1.6	0.0%
3:30 PM	Avg	30.0	11.8	0.5	51.4	1.9	0.0%
3:45 PM	Avg	30.0	10.1	0.4	48.6	1.8	0.0%
4:00 PM	Avg	30.0	9.6	0.4	42.2	1.8	0.0%
4:15 PM	Avg	29.0	9.0	0.4	40.2	1.5	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

3:30 PM	1	30.0	5.6	0.3	24.5	1.0	0.0%
3:30 PM	2	30.0	9.1	0.3	66.4	2.0	0.0%
3:30 PM	3	30.0	3.9	0.2	21.7	1.0	0.0%
3:30 PM	4	30.0	1.1	0.1	8.8	0.5	0.0%
3:30 PM	5	30.0	2.5	0.1	16.2	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	2.1	0.1	15.9	1.0	0.0%
3:30 PM	7	30.0	3.7	0.2	19.1	1.0	0.0%
3:30 PM	8	30.0	3.6	0.2	17.8	1.0	0.0%
3:30 PM	9	30.0	5.9	0.3	28.0	1.0	0.0%
3:30 PM	10	30.0	1.9	0.1	9.8	0.5	0.0%
3:45 PM	1	30.0	3.8	0.2	18.4	1.0	0.0%
3:45 PM	2	30.0	6.4	0.3	51.1	2.0	0.0%
3:45 PM	3	30.0	4.9	0.3	18.7	1.0	0.0%
3:45 PM	4	30.0	2.7	0.2	16.2	1.0	0.0%
3:45 PM	5	30.0	2.6	0.1	18.0	1.0	0.0%
3:45 PM	6	30.0	2.5	0.1	17.0	1.0	0.0%
3:45 PM	7	30.0	1.9	0.1	16.3	1.0	0.0%
3:45 PM	8	30.0	6.6	0.3	36.5	1.5	0.0%
3:45 PM	9	30.0	1.3	0.1	9.3	0.5	0.0%
3:45 PM	10	30.0	4.2	0.2	20.8	1.0	0.0%
4:00 PM	1	30.0	5.3	0.3	20.2	1.0	0.0%
4:00 PM	2	30.0	2.6	0.1	18.5	1.0	0.0%
4:00 PM	3	30.0	7.1	0.3	38.5	2.0	0.0%
4:00 PM	4	30.0	3.4	0.2	17.6	1.0	0.0%
4:00 PM	5	30.0	4.6	0.3	19.5	1.0	0.0%
4:00 PM	6	30.0	1.1	0.1	8.8	0.5	0.0%
4:00 PM	7	30.0	3.7	0.2	17.5	1.0	0.0%
4:00 PM	8	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	3.9	0.1	31.4	1.0	0.0%
4:00 PM	10	30.0	5.2	0.3	17.2	1.0	0.0%
4:15 PM	1	29.0	2.3	0.1	17.1	1.0	0.0%
4:15 PM	2	29.0	3.5	0.1	23.2	1.0	0.0%
4:15 PM	3	29.0	7.3	0.3	21.3	1.0	0.0%
4:15 PM	4	29.0	5.1	0.3	19.4	1.0	0.0%
4:15 PM	5	29.0	6.9	0.2	42.0	1.0	0.0%
4:15 PM	6	29.0	3.9	0.2	19.6	1.0	0.0%
4:15 PM	7	29.0	3.5	0.2	19.4	1.0	0.0%
4:15 PM	8	29.0	3.4	0.2	17.3	1.0	0.0%
4:15 PM	9	29.0	5.2	0.3	19.4	1.0	0.0%
4:15 PM	10	29.0	8.9	0.2	53.7	1.0	0.0%
3:30 PM	Avg	30.0	3.9	0.2	22.8	1.0	0.0%
3:45 PM	Avg	30.0	3.7	0.2	22.2	1.1	0.0%
4:00 PM	Avg	30.0	3.7	0.2	18.9	1.0	0.0%
4:15 PM	Avg	29.0	5.0	0.2	25.2	1.0	0.0%
WB T on LAKE AVE NW - Lane ID 274842							
3:30 PM	1	30.0	6.2	0.3	24.5	1.0	0.0%
3:30 PM	2	30.0	3.0	0.2	21.9	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	3.1	0.2	17.0	1.0	0.0%
3:30 PM	4	30.0	6.5	0.3	36.8	1.5	0.0%
3:30 PM	5	30.0	2.9	0.1	23.1	1.0	0.0%
3:30 PM	6	30.0	2.6	0.1	19.1	1.0	0.0%
3:30 PM	7	30.0	4.0	0.2	21.4	1.0	0.0%
3:30 PM	8	30.0	2.3	0.1	15.9	1.0	0.0%
3:30 PM	9	30.0	5.7	0.3	23.6	1.0	0.0%
3:30 PM	10	30.0	4.8	0.2	26.1	1.0	0.0%
3:45 PM	1	30.0	6.9	0.4	26.2	1.0	0.0%
3:45 PM	2	30.0	6.1	0.3	24.0	1.0	0.0%
3:45 PM	3	30.0	4.7	0.2	24.5	1.0	0.0%
3:45 PM	4	30.0	1.8	0.1	9.5	0.5	0.0%
3:45 PM	5	30.0	5.5	0.3	35.1	1.5	0.0%
3:45 PM	6	30.0	0.8	0.1	4.5	0.5	0.0%
3:45 PM	7	30.0	2.7	0.1	19.5	1.0	0.0%
3:45 PM	8	30.0	10.4	0.4	70.8	2.5	0.0%
3:45 PM	9	30.0	2.4	0.1	17.8	1.0	0.0%
3:45 PM	10	30.0	5.3	0.3	30.5	1.5	0.0%
4:00 PM	1	30.0	3.4	0.2	22.9	1.0	0.0%
4:00 PM	2	30.0	3.2	0.1	9.2	0.5	0.0%
4:00 PM	3	30.0	4.1	0.2	18.5	1.0	0.0%
4:00 PM	4	30.0	1.7	0.1	15.3	1.0	0.0%
4:00 PM	5	30.0	6.2	0.3	32.3	1.5	0.0%
4:00 PM	6	30.0	6.6	0.4	21.0	1.0	0.0%
4:00 PM	7	30.0	5.5	0.3	17.2	1.0	0.0%
4:00 PM	8	30.0	5.9	0.3	32.1	1.5	0.0%
4:00 PM	9	30.0	4.4	0.2	17.6	1.0	0.0%
4:00 PM	10	30.0	3.2	0.2	18.2	1.0	0.0%
4:15 PM	1	29.0	5.5	0.3	23.6	1.0	0.0%
4:15 PM	2	29.0	3.6	0.2	17.6	1.0	0.0%
4:15 PM	3	29.0	4.1	0.2	24.2	1.0	0.0%
4:15 PM	4	29.0	4.1	0.2	31.5	1.6	0.0%
4:15 PM	5	29.0	3.3	0.2	17.8	1.0	0.0%
4:15 PM	6	29.0	4.9	0.2	33.4	1.6	0.0%
4:15 PM	7	29.0	8.2	0.4	45.3	2.0	0.0%
4:15 PM	8	29.0	4.8	0.2	17.6	1.0	0.0%
4:15 PM	9	29.0	7.0	0.3	39.9	1.6	0.0%
4:15 PM	10	29.0	5.0	0.3	30.5	1.6	0.0%
3:30 PM	Avg	30.0	4.1	0.2	22.9	1.1	0.0%
3:45 PM	Avg	30.0	4.7	0.2	26.2	1.2	0.0%
4:00 PM	Avg	30.0	4.4	0.2	20.4	1.1	0.0%
4:15 PM	Avg	29.0	5.1	0.3	28.1	1.3	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB T on LAKE AVE NW - Lane ID 274843							
3:30 PM	1	30.0	9.2	0.4	38.8	2.0	0.0%
3:30 PM	2	30.0	4.8	0.2	27.6	1.0	0.0%
3:30 PM	3	30.0	2.4	0.1	18.5	1.0	0.0%
3:30 PM	4	30.0	12.1	0.5	77.8	3.0	0.0%
3:30 PM	5	30.0	19.8	0.7	94.3	3.5	0.0%
3:30 PM	6	30.0	10.4	0.4	52.8	2.0	0.0%
3:30 PM	7	30.0	11.5	0.5	64.1	2.5	0.0%
3:30 PM	8	30.0	4.8	0.2	30.2	1.5	0.0%
3:30 PM	9	30.0	7.9	0.4	29.5	1.0	0.0%
3:30 PM	10	30.0	11.0	0.5	50.4	2.0	0.0%
3:45 PM	1	30.0	10.8	0.5	45.0	2.0	0.0%
3:45 PM	2	30.0	20.7	0.8	92.6	2.5	0.0%
3:45 PM	3	30.0	8.2	0.4	57.4	2.5	0.0%
3:45 PM	4	30.0	12.5	0.5	54.8	2.0	0.0%
3:45 PM	5	30.0	6.2	0.3	31.4	1.5	0.0%
3:45 PM	6	30.0	5.0	0.2	26.6	1.0	0.0%
3:45 PM	7	30.0	5.4	0.3	22.2	1.0	0.0%
3:45 PM	8	30.0	18.0	0.6	79.7	2.5	0.0%
3:45 PM	9	30.0	8.0	0.4	44.5	1.5	0.0%
3:45 PM	10	30.0	8.7	0.4	36.7	1.5	0.0%
4:00 PM	1	30.0	7.7	0.4	47.2	2.0	0.0%
4:00 PM	2	30.0	5.0	0.2	30.8	1.0	0.0%
4:00 PM	3	30.0	4.2	0.2	24.1	1.0	0.0%
4:00 PM	4	30.0	13.0	0.5	49.0	2.0	0.0%
4:00 PM	5	30.0	14.5	0.6	74.5	2.5	0.0%
4:00 PM	6	30.0	17.3	0.7	74.1	3.0	0.0%
4:00 PM	7	30.0	9.6	0.5	35.1	1.5	0.0%
4:00 PM	8	30.0	14.5	0.7	60.7	2.5	0.0%
4:00 PM	9	30.0	5.8	0.3	31.8	1.5	0.0%
4:00 PM	10	30.0	7.2	0.4	34.9	1.5	0.0%
4:15 PM	1	29.0	8.4	0.3	49.0	2.0	0.0%
4:15 PM	2	29.0	10.9	0.5	43.5	2.0	0.0%
4:15 PM	3	29.0	18.0	0.7	63.4	2.0	0.0%
4:15 PM	4	29.0	6.9	0.3	36.3	1.6	0.0%
4:15 PM	5	29.0	17.2	0.7	66.5	2.6	0.0%
4:15 PM	6	29.0	10.6	0.4	49.4	2.0	0.0%
4:15 PM	7	29.0	13.2	0.6	72.5	2.6	0.0%
4:15 PM	8	29.0	10.2	0.4	55.4	2.0	0.0%
4:15 PM	9	29.0	7.0	0.3	43.0	2.0	0.0%
4:15 PM	10	29.0	10.4	0.4	52.8	2.0	0.0%
3:30 PM	Avg	30.0	9.4	0.4	48.4	2.0	0.0%
3:45 PM	Avg	30.0	10.4	0.4	49.1	1.8	0.0%
4:00 PM	Avg	30.0	9.9	0.5	46.2	1.9	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	11.3	0.5	53.2	2.1	0.0%

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	3.4	2.2	1.1	8.6	10
3:45 PM	2.1	2.1	0.0	6.2	10
4:00 PM	2.1	1.2	0.6	4.1	10
4:15 PM	1.6	1.3	0.0	3.9	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	5.3	2.4	1.5	10.3	10
3:45 PM	4.4	1.5	2.0	6.4	10
4:00 PM	5.4	2.0	2.1	8.9	10
4:15 PM	4.2	2.0	2.3	7.8	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	33.8	6.7	26.0	44.8	10
3:45 PM	33.3	8.6	22.0	51.2	10
4:00 PM	30.6	9.1	15.9	45.2	10
4:15 PM	35.4	12.3	23.4	59.3	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	10.8	4.3	5.3	21.3	10
3:45 PM	10.7	4.2	6.3	18.2	10
4:00 PM	9.7	3.0	6.5	16.7	10
4:15 PM	10.8	2.5	6.5	14.7	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	25.3	8.7	12.0	43.7	10
3:45 PM	32.1	12.0	16.7	56.2	10
4:00 PM	30.5	13.1	18.8	55.5	10
4:15 PM	27.8	11.0	10.4	48.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	35.8	9.3	22.9	55.1	10
3:45 PM	25.3	10.6	13.0	48.5	10
4:00 PM	22.9	3.9	14.3	27.7	10
4:15 PM	25.7	7.0	16.4	37.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	17.1	4.5	9.1	25.1	10
3:45 PM	14.6	3.4	9.3	20.6	10
4:00 PM	16.1	5.6	6.6	26.2	10
4:15 PM	16.6	8.5	5.6	35.8	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	16.0	4.1	8.7	20.8	10
3:45 PM	13.5	5.4	8.1	26.3	10
4:00 PM	14.5	4.5	5.8	20.7	10
4:15 PM	13.5	3.9	5.6	19.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	11.8	2.7	7.5	15.4	10
3:45 PM	10.1	4.0	5.0	19.3	10
4:00 PM	9.6	3.0	5.4	13.3	10
4:15 PM	9.0	3.2	6.5	16.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	3.9	2.4	1.1	9.1	10
3:45 PM	3.7	1.8	1.3	6.6	10
4:00 PM	3.7	2.0	0.5	7.1	10
4:15 PM	5.0	2.1	2.3	8.9	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	4.1	1.6	2.3	6.5	10
3:45 PM	4.7	2.9	0.8	10.4	10
4:00 PM	4.4	1.6	1.7	6.6	10
4:15 PM	5.1	1.5	3.3	8.2	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	9.4	4.9	2.4	19.8	10
3:45 PM	10.4	5.3	5.0	20.7	10
4:00 PM	9.9	4.6	4.2	17.3	10
4:15 PM	11.3	3.8	6.9	18.0	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.1	0.1	0.1	0.3	10
3:45 PM	0.1	0.1	0.0	0.2	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.0	0.0	0.1	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.3	0.1	0.1	0.5	10
3:45 PM	0.2	0.1	0.1	0.3	10
4:00 PM	0.3	0.1	0.1	0.4	10
4:15 PM	0.2	0.1	0.1	0.3	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	1.3	0.3	1.0	1.8	10
3:45 PM	1.3	0.3	0.9	2.0	10
4:00 PM	1.2	0.3	0.7	1.7	10
4:15 PM	1.4	0.4	1.0	2.2	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.4	0.2	0.3	0.8	10
3:45 PM	0.5	0.2	0.3	0.7	10
4:00 PM	0.4	0.1	0.3	0.7	10
4:15 PM	0.5	0.1	0.3	0.7	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	1.0	0.3	0.5	1.5	10
3:45 PM	1.2	0.4	0.6	1.9	10
4:00 PM	1.1	0.4	0.8	1.9	10
4:15 PM	1.0	0.4	0.4	1.7	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	1.3	0.3	0.9	2.0	10
3:45 PM	1.0	0.4	0.6	1.8	10
4:00 PM	0.9	0.1	0.7	1.1	10
4:15 PM	1.1	0.2	0.7	1.3	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.7	0.2	0.4	1.0	10
3:45 PM	0.6	0.1	0.4	0.8	10
4:00 PM	0.6	0.2	0.3	1.0	10
4:15 PM	0.6	0.3	0.3	1.3	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	0.6	0.1	0.4	0.8	10
3:45 PM	0.5	0.1	0.4	0.8	10
4:00 PM	0.6	0.2	0.3	0.8	10
4:15 PM	0.6	0.1	0.3	0.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.5	0.1	0.4	0.7	10
3:45 PM	0.4	0.1	0.2	0.7	10
4:00 PM	0.4	0.1	0.3	0.6	10
4:15 PM	0.4	0.1	0.3	0.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.2	0.1	0.1	0.3	10
3:45 PM	0.2	0.1	0.1	0.3	10
4:00 PM	0.2	0.1	0.0	0.3	10
4:15 PM	0.2	0.1	0.1	0.3	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.2	0.1	0.1	0.3	10
3:45 PM	0.2	0.1	0.1	0.4	10
4:00 PM	0.2	0.1	0.1	0.4	10
4:15 PM	0.3	0.1	0.2	0.4	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.4	0.2	0.1	0.7	10
3:45 PM	0.4	0.2	0.2	0.8	10
4:00 PM	0.5	0.2	0.2	0.7	10
4:15 PM	0.5	0.2	0.3	0.7	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	21.2	9.0	8.5	35.5	10
3:45 PM	9.8	11.5	0.0	30.8	10
4:00 PM	14.4	7.8	0.0	25.2	10
4:15 PM	8.1	8.0	0.0	19.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	27.3	11.5	14.2	53.1	10
3:45 PM	26.9	10.2	9.9	47.7	10
4:00 PM	25.4	7.6	17.1	38.9	10
4:15 PM	26.5	12.0	16.1	48.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	102.0	19.3	85.2	146.1	10
3:45 PM	108.1	21.7	85.1	148.3	10
4:00 PM	98.5	26.2	50.7	129.7	10
4:15 PM	104.3	13.9	85.2	129.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	52.1	18.6	21.4	86.1	10
3:45 PM	50.3	22.2	21.8	96.7	10
4:00 PM	49.2	12.3	32.0	73.0	10
4:15 PM	52.2	13.9	27.3	71.2	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	94.5	26.3	57.7	152.3	10
3:45 PM	115.8	30.5	74.0	182.2	10
4:00 PM	121.5	48.7	76.9	220.0	10
4:15 PM	110.7	41.6	43.4	175.9	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	123.8	31.2	66.7	165.2	10
3:45 PM	94.1	33.4	55.7	165.0	10
4:00 PM	86.9	20.2	49.6	120.2	10
4:15 PM	90.6	27.8	47.4	134.1	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	70.2	13.4	47.1	92.0	10
3:45 PM	67.5	13.8	44.2	93.3	10
4:00 PM	75.6	29.0	34.4	138.6	10
4:15 PM	80.8	39.8	27.7	171.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	64.3	15.1	36.4	83.8	10
3:45 PM	68.5	30.0	34.5	129.8	10
4:00 PM	62.5	20.9	35.3	102.4	10
4:15 PM	56.9	18.5	29.9	91.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	51.4	15.0	25.7	76.7	10
3:45 PM	48.6	18.6	22.0	75.8	10
4:00 PM	42.2	15.1	22.4	68.5	10
4:15 PM	40.2	12.6	22.9	58.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	22.8	16.4	8.8	66.4	10
3:45 PM	22.2	12.2	9.3	51.1	10
4:00 PM	18.9	10.6	0.0	38.5	10
4:15 PM	25.2	12.4	17.1	53.7	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	22.9	5.9	15.9	36.8	10
3:45 PM	26.2	18.1	4.5	70.8	10
4:00 PM	20.4	7.2	9.2	32.3	10
4:15 PM	28.1	9.7	17.6	45.3	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	48.4	24.4	18.5	94.3	10
3:45 PM	49.1	22.8	22.2	92.6	10
4:00 PM	46.2	18.2	24.1	74.5	10
4:15 PM	53.2	11.4	36.3	72.5	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.9	0.3	0.5	1.5	10
3:45 PM	0.5	0.5	0.0	1.0	10
4:00 PM	0.8	0.4	0.0	1.1	10
4:15 PM	0.5	0.5	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	1.3	0.5	1.0	2.5	10
3:45 PM	1.1	0.4	0.5	2.0	10
4:00 PM	1.2	0.2	1.0	1.5	10
4:15 PM	1.2	0.4	1.0	2.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	3.6	0.7	2.0	4.6	10
3:45 PM	4.1	0.8	3.0	5.5	10
4:00 PM	3.4	0.9	2.0	5.0	10
4:15 PM	3.8	0.6	3.0	5.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	2.1	0.6	1.0	3.0	10
3:45 PM	2.0	0.7	1.0	3.1	10
4:00 PM	2.1	0.4	1.5	3.0	10
4:15 PM	2.1	0.6	1.0	2.6	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	3.3	0.7	2.1	4.5	10
3:45 PM	4.1	1.0	3.0	6.5	10
4:00 PM	4.1	1.1	3.0	6.1	10
4:15 PM	3.7	1.3	1.6	6.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	4.2	1.0	2.5	6.0	10
3:45 PM	3.6	1.2	2.0	5.5	10
4:00 PM	3.2	0.8	2.0	4.5	10
4:15 PM	3.2	0.8	2.0	4.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	2.5	0.5	2.0	3.5	10
3:45 PM	2.5	0.5	2.0	3.5	10
4:00 PM	2.8	0.9	1.5	4.5	10
4:15 PM	2.9	1.1	1.6	5.2	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	2.4	0.4	1.5	3.0	10
3:45 PM	2.2	0.8	1.0	3.5	10
4:00 PM	2.2	0.6	1.5	3.5	10
4:15 PM	2.2	0.5	1.6	3.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	1.9	0.5	1.0	2.5	10
3:45 PM	1.8	0.6	1.0	2.5	10
4:00 PM	1.8	0.6	1.0	3.0	10
4:15 PM	1.5	0.4	1.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	1.0	0.4	0.5	2.0	10
3:45 PM	1.1	0.4	0.5	2.0	10
4:00 PM	1.0	0.5	0.0	2.0	10
4:15 PM	1.0	0.0	1.0	1.0	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	1.1	0.2	1.0	1.5	10
3:45 PM	1.2	0.6	0.5	2.5	10
4:00 PM	1.1	0.3	0.5	1.5	10
4:15 PM	1.3	0.4	1.0	2.0	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	2.0	0.9	1.0	3.5	10
3:45 PM	1.8	0.6	1.0	2.5	10
4:00 PM	1.9	0.7	1.0	3.0	10
4:15 PM	2.1	0.3	1.6	2.6	10

Project: Alt 2d_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	1	73.0	0.10	4.2	A
7:15 AM	2	71.0	0.10	5.1	A
7:15 AM	3	71.0	0.10	4.5	A
7:15 AM	4	73.0	0.10	4.5	A
7:15 AM	5	74.0	0.10	4.7	A
7:15 AM	6	71.0	0.10	4.0	A
7:15 AM	7	71.0	0.10	4.2	A
7:15 AM	8	75.0	0.10	4.9	A
7:15 AM	9	74.0	0.10	4.6	A
7:15 AM	10	72.0	0.10	4.9	A
7:30 AM	1	75.0	0.10	4.2	A
7:30 AM	2	74.0	0.10	5.8	A
7:30 AM	3	75.0	0.10	4.8	A
7:30 AM	4	74.0	0.10	4.6	A
7:30 AM	5	72.0	0.10	5.2	A
7:30 AM	6	71.0	0.10	4.6	A
7:30 AM	7	74.0	0.10	4.8	A
7:30 AM	8	71.0	0.10	4.4	A
7:30 AM	9	72.0	0.10	4.5	A
7:30 AM	10	74.0	0.10	4.2	A
7:45 AM	1	73.0	0.10	4.2	A
7:45 AM	2	76.0	0.10	4.1	A
7:45 AM	3	72.0	0.10	4.3	A
7:45 AM	4	72.0	0.10	4.6	A
7:45 AM	5	71.0	0.10	4.3	A
7:45 AM	6	72.0	0.10	4.1	A
7:45 AM	7	72.0	0.10	4.9	A
7:45 AM	8	74.0	0.10	4.2	A
7:45 AM	9	73.0	0.10	4.3	A
7:45 AM	10	71.0	0.10	4.1	A
8:00 AM	1	71.0	0.10	4.7	A
8:00 AM	2	72.0	0.10	4.0	A
8:00 AM	3	72.0	0.10	4.4	A
8:00 AM	4	71.0	0.10	5.1	A
8:00 AM	5	73.0	0.10	3.7	A
8:00 AM	6	74.0	0.10	4.5	A
8:00 AM	7	70.0	0.10	4.9	A
8:00 AM	8	69.0	0.10	4.6	A
8:00 AM	9	73.0	0.10	4.6	A
8:00 AM	10	73.0	0.10	4.5	A
7:15 AM	Avg	72.5	0.10	4.6	A
7:30 AM	Avg	73.2	0.10	4.7	A
7:45 AM	Avg	72.6	0.10	4.3	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	71.8	0.10	4.5	A
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	1	111.0	0.10	4.8	A
7:15 AM	2	105.0	0.10	4.8	A
7:15 AM	3	111.0	0.20	4.9	A
7:15 AM	4	107.0	0.10	4.7	A
7:15 AM	5	110.0	0.20	4.9	A
7:15 AM	6	114.0	0.10	4.7	A
7:15 AM	7	110.0	0.10	4.2	A
7:15 AM	8	114.0	0.20	5.4	A
7:15 AM	9	113.0	0.20	6.0	A
7:15 AM	10	112.0	0.10	4.7	A
7:30 AM	1	112.0	0.10	4.8	A
7:30 AM	2	114.0	0.20	4.8	A
7:30 AM	3	109.0	0.10	4.7	A
7:30 AM	4	112.0	0.10	4.7	A
7:30 AM	5	115.0	0.10	4.6	A
7:30 AM	6	108.0	0.10	5.0	A
7:30 AM	7	108.0	0.10	4.8	A
7:30 AM	8	109.0	0.10	4.5	A
7:30 AM	9	108.0	0.10	4.7	A
7:30 AM	10	109.0	0.10	4.6	A
7:45 AM	1	107.0	0.20	5.1	A
7:45 AM	2	106.0	0.10	4.8	A
7:45 AM	3	112.0	0.20	5.0	A
7:45 AM	4	109.0	0.20	5.0	A
7:45 AM	5	108.0	0.10	4.4	A
7:45 AM	6	109.0	0.10	4.8	A
7:45 AM	7	109.0	0.10	4.8	A
7:45 AM	8	113.0	0.20	4.9	A
7:45 AM	9	113.0	0.10	4.7	A
7:45 AM	10	108.0	0.10	5.0	A
8:00 AM	1	114.0	0.20	5.2	A
8:00 AM	2	112.0	0.20	5.5	A
8:00 AM	3	111.0	0.20	5.3	A
8:00 AM	4	110.0	0.10	4.7	A
8:00 AM	5	109.0	0.10	4.6	A
8:00 AM	6	111.0	0.10	4.6	A
8:00 AM	7	109.0	0.10	4.4	A
8:00 AM	8	107.0	0.10	5.0	A
8:00 AM	9	110.0	0.20	5.1	A
8:00 AM	10	111.0	0.20	5.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	110.7	0.14	4.9	A
7:30 AM	Avg	110.4	0.11	4.7	A
7:45 AM	Avg	109.4	0.14	4.8	A
8:00 AM	Avg	110.4	0.15	4.9	A
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	1	37.0	0.10	10.8	B
7:15 AM	2	40.0	0.10	8.6	A
7:15 AM	3	37.0	0.10	12.9	B
7:15 AM	4	38.0	0.10	12.2	B
7:15 AM	5	36.0	0.10	12.2	B
7:15 AM	6	38.0	0.10	10.9	B
7:15 AM	7	38.0	0.10	11.5	B
7:15 AM	8	38.0	0.20	14.6	B
7:15 AM	9	40.0	0.10	12.8	B
7:15 AM	10	39.0	0.10	13.2	B
7:30 AM	1	38.0	0.10	10.0	A
7:30 AM	2	38.0	0.10	10.4	B
7:30 AM	3	38.0	0.10	9.7	A
7:30 AM	4	37.0	0.10	11.4	B
7:30 AM	5	38.0	0.10	10.1	B
7:30 AM	6	38.0	0.10	10.1	B
7:30 AM	7	38.0	0.20	16.3	C
7:30 AM	8	39.0	0.10	10.8	B
7:30 AM	9	38.0	0.10	11.9	B
7:30 AM	10	37.0	0.10	13.0	B
7:45 AM	1	38.0	0.10	10.6	B
7:45 AM	2	37.0	0.10	10.2	B
7:45 AM	3	39.0	0.10	9.6	A
7:45 AM	4	38.0	0.10	11.1	B
7:45 AM	5	37.0	0.10	9.8	A
7:45 AM	6	37.0	0.10	10.4	B
7:45 AM	7	39.0	0.10	8.6	A
7:45 AM	8	35.0	0.10	9.7	A
7:45 AM	9	37.0	0.10	10.2	B
7:45 AM	10	37.0	0.10	8.5	A
8:00 AM	1	37.0	0.10	11.7	B
8:00 AM	2	37.0	0.10	9.0	A
8:00 AM	3	36.0	0.10	9.2	A
8:00 AM	4	37.0	0.10	10.3	B
8:00 AM	5	38.0	0.20	15.0	B
8:00 AM	6	37.0	0.10	8.8	A
8:00 AM	7	37.0	0.10	9.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	39.0	0.10	8.9	A
8:00 AM	9	37.0	0.10	11.3	B
8:00 AM	10	37.0	0.10	13.4	B
7:15 AM	Avg	38.1	0.11	12.0	B
7:30 AM	Avg	37.9	0.11	11.4	B
7:45 AM	Avg	37.4	0.10	9.9	A
8:00 AM	Avg	37.2	0.11	10.7	B
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	1	92.0	0.20	9.6	A
7:15 AM	2	93.0	0.20	6.7	A
7:15 AM	3	93.0	0.20	7.6	A
7:15 AM	4	91.0	0.20	8.1	A
7:15 AM	5	93.0	0.20	6.4	A
7:15 AM	6	94.0	0.20	7.2	A
7:15 AM	7	93.0	0.20	7.4	A
7:15 AM	8	93.0	0.20	7.4	A
7:15 AM	9	92.0	0.20	7.4	A
7:15 AM	10	94.0	0.20	8.4	A
7:30 AM	1	93.0	0.20	7.4	A
7:30 AM	2	90.0	0.20	7.1	A
7:30 AM	3	92.0	0.20	6.7	A
7:30 AM	4	92.0	0.20	7.2	A
7:30 AM	5	92.0	0.20	7.1	A
7:30 AM	6	91.0	0.20	7.7	A
7:30 AM	7	93.0	0.20	7.9	A
7:30 AM	8	94.0	0.20	6.3	A
7:30 AM	9	92.0	0.20	7.7	A
7:30 AM	10	92.0	0.20	7.1	A
7:45 AM	1	93.0	0.20	7.6	A
7:45 AM	2	94.0	0.20	6.8	A
7:45 AM	3	92.0	0.20	7.9	A
7:45 AM	4	93.0	0.20	7.7	A
7:45 AM	5	92.0	0.20	6.5	A
7:45 AM	6	93.0	0.20	7.9	A
7:45 AM	7	91.0	0.20	8.2	A
7:45 AM	8	92.0	0.20	7.1	A
7:45 AM	9	94.0	0.20	7.1	A
7:45 AM	10	94.0	0.20	7.5	A
8:00 AM	1	94.0	0.20	8.1	A
8:00 AM	2	93.0	0.20	6.5	A
8:00 AM	3	92.0	0.20	7.5	A
8:00 AM	4	95.0	0.20	7.6	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	93.0	0.20	7.8	A
8:00 AM	6	92.0	0.20	6.8	A
8:00 AM	7	96.0	0.20	6.7	A
8:00 AM	8	93.0	0.20	6.7	A
8:00 AM	9	92.0	0.20	6.2	A
8:00 AM	10	91.0	0.20	7.9	A
7:15 AM	Avg	92.8	0.20	7.6	A
7:30 AM	Avg	92.1	0.20	7.2	A
7:45 AM	Avg	92.8	0.20	7.4	A
8:00 AM	Avg	93.1	0.20	7.2	A

WB T on [Unnamed Street]: Lane ID 274785

7:15 AM	1	138.0	0.20	6.2	A
7:15 AM	2	136.0	0.20	4.1	A
7:15 AM	3	134.0	0.20	5.7	A
7:15 AM	4	135.0	0.20	6.2	A
7:15 AM	5	133.0	0.20	5.3	A
7:15 AM	6	135.0	0.20	4.3	A
7:15 AM	7	135.0	0.20	4.2	A
7:15 AM	8	134.0	0.20	4.5	A
7:15 AM	9	134.0	0.20	4.9	A
7:15 AM	10	133.0	0.20	5.4	A
7:30 AM	1	131.0	0.20	6.8	A
7:30 AM	2	134.0	0.20	4.8	A
7:30 AM	3	134.0	0.30	6.8	A
7:30 AM	4	134.0	0.20	5.0	A
7:30 AM	5	138.0	0.20	4.6	A
7:30 AM	6	137.0	0.20	5.0	A
7:30 AM	7	135.0	0.20	4.9	A
7:30 AM	8	138.0	0.20	4.4	A
7:30 AM	9	132.0	0.20	5.0	A
7:30 AM	10	136.0	0.20	5.3	A
7:45 AM	1	136.0	0.20	5.3	A
7:45 AM	2	136.0	0.20	5.1	A
7:45 AM	3	135.0	0.30	6.8	A
7:45 AM	4	136.0	0.20	5.9	A
7:45 AM	5	135.0	0.20	4.9	A
7:45 AM	6	133.0	0.20	4.8	A
7:45 AM	7	136.0	0.20	6.2	A
7:45 AM	8	135.0	0.20	4.8	A
7:45 AM	9	138.0	0.20	5.8	A
7:45 AM	10	134.0	0.20	5.1	A
8:00 AM	1	136.0	0.20	4.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	132.0	0.20	5.7	A
8:00 AM	3	137.0	0.20	5.5	A
8:00 AM	4	136.0	0.20	4.8	A
8:00 AM	5	136.0	0.20	5.0	A
8:00 AM	6	137.0	0.20	6.1	A
8:00 AM	7	135.0	0.20	4.3	A
8:00 AM	8	133.0	0.20	6.0	A
8:00 AM	9	137.0	0.20	5.1	A
8:00 AM	10	136.0	0.20	5.1	A
7:15 AM	Avg	134.7	0.20	5.1	A
7:30 AM	Avg	134.9	0.21	5.3	A
7:45 AM	Avg	135.4	0.21	5.5	A
8:00 AM	Avg	135.5	0.20	5.2	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	1	109.0	0.60	18.7	C
7:15 AM	2	106.0	0.70	22.6	C
7:15 AM	3	110.0	0.60	18.1	C
7:15 AM	4	108.0	0.60	21.6	C
7:15 AM	5	112.0	0.80	26.2	D
7:15 AM	6	107.0	0.50	15.8	C
7:15 AM	7	109.0	0.60	20.0	C
7:15 AM	8	118.0	1.00	30.5	D
7:15 AM	9	118.0	0.90	27.3	D
7:15 AM	10	113.0	1.70	53.2	F
7:30 AM	1	111.0	0.60	18.3	C
7:30 AM	2	116.0	0.50	16.7	C
7:30 AM	3	110.0	0.50	17.7	C
7:30 AM	4	113.0	0.40	14.1	B
7:30 AM	5	110.0	0.60	19.4	C
7:30 AM	6	113.0	1.30	41.0	E
7:30 AM	7	111.0	0.80	24.9	C
7:30 AM	8	110.0	0.40	14.5	B
7:30 AM	9	107.0	0.70	22.1	C
7:30 AM	10	112.0	0.50	16.0	C
7:45 AM	1	109.0	1.10	35.3	E
7:45 AM	2	109.0	0.40	12.3	B
7:45 AM	3	111.0	0.50	17.4	C
7:45 AM	4	108.0	0.60	19.3	C
7:45 AM	5	105.0	0.60	19.8	C
7:45 AM	6	110.0	0.90	28.7	D
7:45 AM	7	108.0	1.30	42.7	E
7:45 AM	8	111.0	0.80	27.6	D
7:45 AM	9	115.0	0.70	21.5	C
7:45 AM	10	107.0	0.80	27.0	D
8:00 AM	1	112.0	0.50	16.6	C
8:00 AM	2	112.0	0.40	11.9	B
8:00 AM	3	107.0	0.60	21.6	C
8:00 AM	4	108.0	0.70	23.6	C
8:00 AM	5	115.0	0.80	25.4	D
8:00 AM	6	111.0	0.60	20.9	C
8:00 AM	7	103.0	1.00	35.4	E
8:00 AM	8	102.0	0.70	25.9	D
8:00 AM	9	111.0	0.50	15.1	C
8:00 AM	10	109.0	0.50	16.4	C
7:15 AM	Avg	111.0	0.80	25.4	D
7:30 AM	Avg	111.3	0.63	20.5	C
7:45 AM	Avg	109.3	0.77	25.2	D

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	109.0	0.63	21.3	C
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	1	82.0	0.20	10.3	B
7:15 AM	2	80.0	0.20	8.4	A
7:15 AM	3	79.0	0.20	7.5	A
7:15 AM	4	81.0	0.20	8.8	A
7:15 AM	5	79.0	0.20	8.9	A
7:15 AM	6	81.0	0.20	8.5	A
7:15 AM	7	80.0	0.20	9.2	A
7:15 AM	8	80.0	0.20	8.2	A
7:15 AM	9	80.0	0.20	9.2	A
7:15 AM	10	80.0	0.20	9.1	A
7:30 AM	1	80.0	0.20	7.8	A
7:30 AM	2	81.0	0.20	9.5	A
7:30 AM	3	81.0	0.20	8.8	A
7:30 AM	4	82.0	0.20	9.3	A
7:30 AM	5	82.0	0.20	8.5	A
7:30 AM	6	80.0	0.20	8.9	A
7:30 AM	7	81.0	0.20	9.2	A
7:30 AM	8	80.0	0.20	8.0	A
7:30 AM	9	80.0	0.20	6.8	A
7:30 AM	10	80.0	0.20	9.0	A
7:45 AM	1	80.0	0.20	8.4	A
7:45 AM	2	80.0	0.20	9.2	A
7:45 AM	3	81.0	0.20	8.7	A
7:45 AM	4	78.0	0.20	8.7	A
7:45 AM	5	80.0	0.20	9.8	A
7:45 AM	6	80.0	0.20	8.7	A
7:45 AM	7	80.0	0.20	8.8	A
7:45 AM	8	81.0	0.20	8.8	A
7:45 AM	9	81.0	0.20	8.6	A
7:45 AM	10	81.0	0.20	9.6	A
8:00 AM	1	79.0	0.20	8.8	A
8:00 AM	2	80.0	0.20	9.6	A
8:00 AM	3	80.0	0.20	9.3	A
8:00 AM	4	83.0	0.20	8.6	A
8:00 AM	5	81.0	0.20	9.7	A
8:00 AM	6	80.0	0.20	9.2	A
8:00 AM	7	80.0	0.20	9.3	A
8:00 AM	8	80.0	0.20	8.4	A
8:00 AM	9	79.0	0.20	7.7	A
8:00 AM	10	80.0	0.20	8.9	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	80.2	0.20	8.8	A
7:30 AM	Avg	80.7	0.20	8.6	A
7:45 AM	Avg	80.2	0.20	8.9	A
8:00 AM	Avg	80.2	0.20	8.9	A
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	1	58.0	0.10	8.7	A
7:15 AM	2	58.0	0.10	7.6	A
7:15 AM	3	58.0	0.10	9.1	A
7:15 AM	4	58.0	0.10	8.4	A
7:15 AM	5	57.0	0.10	7.4	A
7:15 AM	6	59.0	0.20	9.6	A
7:15 AM	7	60.0	0.10	8.3	A
7:15 AM	8	57.0	0.10	8.4	A
7:15 AM	9	56.0	0.20	10.0	A
7:15 AM	10	58.0	0.10	8.6	A
7:30 AM	1	59.0	0.20	9.7	A
7:30 AM	2	57.0	0.10	8.5	A
7:30 AM	3	57.0	0.10	7.0	A
7:30 AM	4	56.0	0.10	9.6	A
7:30 AM	5	58.0	0.10	8.4	A
7:30 AM	6	56.0	0.10	9.0	A
7:30 AM	7	56.0	0.10	8.8	A
7:30 AM	8	56.0	0.10	6.8	A
7:30 AM	9	58.0	0.10	8.1	A
7:30 AM	10	57.0	0.20	9.5	A
7:45 AM	1	55.0	0.10	8.2	A
7:45 AM	2	58.0	0.10	7.1	A
7:45 AM	3	58.0	0.10	8.5	A
7:45 AM	4	56.0	0.10	7.9	A
7:45 AM	5	59.0	0.10	7.8	A
7:45 AM	6	56.0	0.10	7.0	A
7:45 AM	7	58.0	0.10	8.1	A
7:45 AM	8	59.0	0.20	9.2	A
7:45 AM	9	57.0	0.10	7.9	A
7:45 AM	10	59.0	0.20	9.8	A
8:00 AM	1	59.0	0.10	7.9	A
8:00 AM	2	56.0	0.10	8.8	A
8:00 AM	3	58.0	0.10	8.3	A
8:00 AM	4	60.0	0.10	8.1	A
8:00 AM	5	55.0	0.10	7.9	A
8:00 AM	6	59.0	0.20	9.5	A
8:00 AM	7	57.0	0.10	9.0	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	59.0	0.10	8.5	A
8:00 AM	9	58.0	0.10	8.6	A
8:00 AM	10	57.0	0.10	8.3	A
7:15 AM	Avg	57.9	0.12	8.6	A
7:30 AM	Avg	57.0	0.12	8.5	A
7:45 AM	Avg	57.5	0.12	8.1	A
8:00 AM	Avg	57.8	0.11	8.5	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	1	68.0	0.20	9.7	A
7:15 AM	2	67.0	0.20	8.6	A
7:15 AM	3	68.0	0.20	9.6	A
7:15 AM	4	66.0	0.10	7.7	A
7:15 AM	5	70.0	0.10	7.2	A
7:15 AM	6	71.0	0.20	7.9	A
7:15 AM	7	73.0	0.20	7.6	A
7:15 AM	8	66.0	0.20	9.2	A
7:15 AM	9	72.0	0.20	8.4	A
7:15 AM	10	70.0	0.20	8.5	A
7:30 AM	1	70.0	0.20	8.2	A
7:30 AM	2	68.0	0.20	9.3	A
7:30 AM	3	71.0	0.20	8.8	A
7:30 AM	4	68.0	0.20	9.3	A
7:30 AM	5	71.0	0.20	10.0	B
7:30 AM	6	62.0	0.20	10.1	B
7:30 AM	7	72.0	0.20	8.0	A
7:30 AM	8	74.0	0.20	8.4	A
7:30 AM	9	68.0	0.20	8.6	A
7:30 AM	10	70.0	0.10	7.6	A
7:45 AM	1	69.0	0.20	10.0	A
7:45 AM	2	73.0	0.20	9.3	A
7:45 AM	3	67.0	0.20	9.1	A
7:45 AM	4	70.0	0.20	10.0	A
7:45 AM	5	70.0	0.20	8.0	A
7:45 AM	6	70.0	0.20	9.8	A
7:45 AM	7	67.0	0.20	11.5	B
7:45 AM	8	75.0	0.20	8.1	A
7:45 AM	9	73.0	0.20	8.1	A
7:45 AM	10	67.0	0.20	8.2	A
8:00 AM	1	66.0	0.20	8.8	A
8:00 AM	2	67.0	0.20	9.7	A
8:00 AM	3	69.0	0.20	9.6	A
8:00 AM	4	66.0	0.20	8.4	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	70.0	0.20	8.5	A
8:00 AM	6	65.0	0.20	8.5	A
8:00 AM	7	70.0	0.20	9.4	A
8:00 AM	8	71.0	0.20	8.9	A
8:00 AM	9	64.0	0.20	9.7	A
8:00 AM	10	73.0	0.20	7.4	A
7:15 AM	Avg	69.1	0.18	8.4	A
7:30 AM	Avg	69.4	0.19	8.8	A
7:45 AM	Avg	70.1	0.20	9.2	A
8:00 AM	Avg	68.1	0.20	8.9	A
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	1	67.0	0.20	8.1	A
7:15 AM	2	64.0	0.10	6.8	A
7:15 AM	3	63.0	0.10	7.4	A
7:15 AM	4	65.0	0.10	6.1	A
7:15 AM	5	59.0	0.10	6.0	A
7:15 AM	6	62.0	0.10	7.3	A
7:15 AM	7	58.0	0.10	6.1	A
7:15 AM	8	64.0	0.10	7.1	A
7:15 AM	9	63.0	0.10	7.3	A
7:15 AM	10	62.0	0.10	7.7	A
7:30 AM	1	63.0	0.10	6.7	A
7:30 AM	2	65.0	0.10	6.7	A
7:30 AM	3	65.0	0.10	6.0	A
7:30 AM	4	64.0	0.10	7.7	A
7:30 AM	5	64.0	0.10	6.6	A
7:30 AM	6	69.0	0.10	6.4	A
7:30 AM	7	62.0	0.10	7.4	A
7:30 AM	8	59.0	0.10	6.4	A
7:30 AM	9	63.0	0.10	6.9	A
7:30 AM	10	65.0	0.10	6.1	A
7:45 AM	1	66.0	0.10	7.0	A
7:45 AM	2	61.0	0.10	7.0	A
7:45 AM	3	68.0	0.10	5.7	A
7:45 AM	4	67.0	0.10	6.5	A
7:45 AM	5	62.0	0.10	6.3	A
7:45 AM	6	64.0	0.10	6.8	A
7:45 AM	7	65.0	0.10	6.9	A
7:45 AM	8	58.0	0.10	6.2	A
7:45 AM	9	61.0	0.10	6.4	A
7:45 AM	10	63.0	0.10	7.4	A
8:00 AM	1	65.0	0.10	7.1	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	65.0	0.10	7.2	A
8:00 AM	3	63.0	0.10	6.3	A
8:00 AM	4	65.0	0.10	7.4	A
8:00 AM	5	63.0	0.10	7.1	A
8:00 AM	6	66.0	0.10	7.0	A
8:00 AM	7	62.0	0.10	7.0	A
8:00 AM	8	61.0	0.10	7.3	A
8:00 AM	9	68.0	0.10	7.4	A
8:00 AM	10	58.0	0.10	6.3	A
7:15 AM	Avg	62.7	0.11	7.0	A
7:30 AM	Avg	63.9	0.10	6.7	A
7:45 AM	Avg	63.5	0.10	6.6	A
8:00 AM	Avg	63.6	0.10	7.0	A
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	1	172.0	0.30	7.0	A
7:15 AM	2	171.0	0.30	5.7	A
7:15 AM	3	175.0	0.20	5.0	A
7:15 AM	4	169.0	0.30	6.0	A
7:15 AM	5	175.0	0.30	5.4	A
7:15 AM	6	176.0	0.30	5.2	A
7:15 AM	7	176.0	0.20	4.9	A
7:15 AM	8	177.0	0.30	6.1	A
7:15 AM	9	172.0	0.20	4.9	A
7:15 AM	10	178.0	0.30	6.1	A
7:30 AM	1	170.0	0.20	5.2	A
7:30 AM	2	176.0	0.20	4.9	A
7:30 AM	3	172.0	0.30	5.6	A
7:30 AM	4	171.0	0.30	6.1	A
7:30 AM	5	174.0	0.30	5.4	A
7:30 AM	6	171.0	0.20	4.9	A
7:30 AM	7	173.0	0.30	5.2	A
7:30 AM	8	173.0	0.20	4.8	A
7:30 AM	9	174.0	0.30	5.4	A
7:30 AM	10	172.0	0.20	4.9	A
7:45 AM	1	177.0	0.30	6.2	A
7:45 AM	2	167.0	0.20	5.0	A
7:45 AM	3	170.0	0.30	5.4	A
7:45 AM	4	179.0	0.30	5.6	A
7:45 AM	5	171.0	0.30	6.2	A
7:45 AM	6	175.0	0.20	4.9	A
7:45 AM	7	173.0	0.30	6.6	A
7:45 AM	8	170.0	0.30	5.9	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	9	171.0	0.20	4.6	A
7:45 AM	10	172.0	0.30	6.7	A
8:00 AM	1	173.0	0.20	4.6	A
8:00 AM	2	178.0	0.30	5.5	A
8:00 AM	3	174.0	0.30	5.7	A
8:00 AM	4	173.0	0.30	5.3	A
8:00 AM	5	175.0	0.30	6.4	A
8:00 AM	6	170.0	0.30	6.4	A
8:00 AM	7	175.0	0.30	6.1	A
8:00 AM	8	176.0	0.30	5.4	A
8:00 AM	9	177.0	0.20	5.1	A
8:00 AM	10	171.0	0.30	5.4	A
7:15 AM	Avg	174.1	0.27	5.6	A
7:30 AM	Avg	172.6	0.25	5.2	A
7:45 AM	Avg	172.5	0.27	5.7	A
8:00 AM	Avg	174.2	0.28	5.6	A

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	0.1	0.1	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.1	0.1	0.2	10
8:00 AM	0.2	0.1	0.1	0.2	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.2	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.3	10
7:45 AM	0.2	0.0	0.2	0.3	10
8:00 AM	0.2	0.0	0.2	0.2	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	0.8	0.4	0.5	1.7	10
7:30 AM	0.6	0.3	0.4	1.3	10
7:45 AM	0.8	0.3	0.4	1.3	10
8:00 AM	0.6	0.2	0.4	1.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	0.2	0.0	0.1	0.2	10
7:30 AM	0.2	0.0	0.1	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	0.3	0.0	0.2	0.3	10
7:30 AM	0.3	0.1	0.2	0.3	10
7:45 AM	0.3	0.0	0.2	0.3	10
8:00 AM	0.3	0.0	0.2	0.3	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	4.6	0.4	4.0	5.1	10
7:30 AM	4.7	0.5	4.2	5.8	10
7:45 AM	4.3	0.3	4.1	4.9	10
8:00 AM	4.5	0.4	3.7	5.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	4.9	0.5	4.2	6.0	10
7:30 AM	4.7	0.1	4.5	5.0	10
7:45 AM	4.8	0.2	4.4	5.1	10
8:00 AM	4.9	0.3	4.4	5.5	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	12.0	1.6	8.6	14.6	10
7:30 AM	11.4	2.0	9.7	16.3	10
7:45 AM	9.9	0.8	8.5	11.1	10
8:00 AM	10.7	2.1	8.8	15.0	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	7.6	0.9	6.4	9.6	10
7:30 AM	7.2	0.5	6.3	7.9	10
7:45 AM	7.4	0.6	6.5	8.2	10
8:00 AM	7.2	0.7	6.2	8.1	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	5.1	0.8	4.1	6.2	10
7:30 AM	5.3	0.8	4.4	6.8	10
7:45 AM	5.5	0.7	4.8	6.8	10
8:00 AM	5.2	0.7	4.0	6.1	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	25.4	10.8	15.8	53.2	10
7:30 AM	20.5	7.9	14.1	41.0	10
7:45 AM	25.2	9.0	12.3	42.7	10
8:00 AM	21.3	6.8	11.9	35.4	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	8.8	0.8	7.5	10.3	10
7:30 AM	8.6	0.8	6.8	9.5	10
7:45 AM	8.9	0.5	8.4	9.8	10
8:00 AM	8.9	0.6	7.7	9.7	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	8.6	0.8	7.4	10.0	10
7:30 AM	8.5	1.0	6.8	9.7	10
7:45 AM	8.1	0.9	7.0	9.8	10
8:00 AM	8.5	0.5	7.9	9.5	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	8.4	0.9	7.2	9.7	10
7:30 AM	8.8	0.8	7.6	10.1	10
7:45 AM	9.2	1.2	8.0	11.5	10
8:00 AM	8.9	0.7	7.4	9.7	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	7.0	0.7	6.0	8.1	10
7:30 AM	6.7	0.5	6.0	7.7	10
7:45 AM	6.6	0.5	5.7	7.4	10
8:00 AM	7.0	0.4	6.3	7.4	10
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	5.6	0.7	4.9	7.0	10
7:30 AM	5.2	0.4	4.8	6.1	10
7:45 AM	5.7	0.7	4.6	6.7	10
8:00 AM	5.6	0.6	4.6	6.4	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
7:15 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	30.0	3.6	0.1	18.5	1.0	0.0%
7:15 AM	3	30.0	1.1	0.1	8.2	0.5	0.0%
7:15 AM	4	30.0	3.4	0.2	20.5	1.0	0.0%
7:15 AM	5	30.0	1.7	0.1	15.4	1.0	0.0%
7:15 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	1.9	0.1	14.6	0.5	0.0%
7:15 AM	8	30.0	2.5	0.1	18.9	1.0	0.0%
7:15 AM	9	30.0	2.0	0.1	8.9	0.5	0.0%
7:15 AM	10	30.0	1.9	0.1	17.4	1.0	0.0%
7:30 AM	1	30.0	1.1	0.1	8.4	0.5	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	1.3	0.1	9.7	1.0	0.0%
7:30 AM	5	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	1.1	0.1	8.1	0.5	0.0%
7:30 AM	7	30.0	1.3	0.1	8.0	0.5	0.0%
7:30 AM	8	30.0	1.4	0.1	10.8	0.5	0.0%
7:30 AM	9	30.0	2.4	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	1.7	0.1	12.5	1.0	0.0%
7:45 AM	2	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	1.2	0.1	9.3	0.5	0.0%
7:45 AM	4	30.0	0.7	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	2.0	0.1	17.4	1.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	1.5	0.1	0.0	0.0	0.0%
7:45 AM	8	30.0	0.8	0.1	4.8	0.5	0.0%
7:45 AM	9	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	1.1	0.1	8.0	0.5	0.0%
8:00 AM	1	29.0	1.3	0.1	10.3	0.6	0.0%
8:00 AM	2	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.7	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	0.0	0.0	0.0	0.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	1.5	0.1	9.5	0.6	0.0%
8:00 AM	7	29.0	3.4	0.1	16.7	0.6	0.0%
8:00 AM	8	29.0	1.3	0.1	0.0	0.0	0.0%
8:00 AM	9	29.0	0.8	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	0.8	0.0	0.0	0.0	0.0%
7:15 AM	Avg	30.0	1.8	0.1	12.2	0.7	0.0%
7:30 AM	Avg	30.0	0.9	0.1	4.5	0.3	0.0%
7:45 AM	Avg	30.0	1.0	0.1	5.2	0.4	0.0%
8:00 AM	Avg	29.0	1.1	0.0	3.7	0.2	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
7:15 AM	1	30.0	1.2	0.1	9.3	0.5	0.0%
7:15 AM	2	30.0	3.3	0.2	18.2	1.0	0.0%
7:15 AM	3	30.0	1.2	0.1	8.3	0.5	0.0%
7:15 AM	4	30.0	2.5	0.1	16.1	1.0	0.0%
7:15 AM	5	30.0	7.1	0.3	43.1	2.0	0.0%
7:15 AM	6	30.0	4.8	0.2	37.9	1.5	0.0%
7:15 AM	7	30.0	1.9	0.1	11.9	1.0	0.0%
7:15 AM	8	30.0	5.2	0.3	21.1	1.0	0.0%
7:15 AM	9	30.0	7.6	0.3	34.0	1.5	0.0%
7:15 AM	10	30.0	5.2	0.2	26.0	1.0	0.0%
7:30 AM	1	30.0	4.1	0.2	31.9	1.5	0.0%
7:30 AM	2	30.0	1.8	0.1	8.3	0.5	0.0%
7:30 AM	3	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	2.1	0.1	9.8	0.5	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	2.5	0.1	16.1	1.0	0.0%
7:30 AM	8	30.0	3.0	0.2	16.2	1.0	0.0%
7:30 AM	9	30.0	3.1	0.1	24.8	1.0	0.0%
7:30 AM	10	30.0	3.0	0.1	19.3	1.0	0.0%
7:45 AM	1	30.0	3.7	0.2	33.6	1.5	0.0%
7:45 AM	2	30.0	2.2	0.1	9.2	0.5	0.0%
7:45 AM	3	30.0	4.0	0.2	31.0	1.5	0.0%
7:45 AM	4	30.0	3.5	0.1	17.4	1.0	0.0%
7:45 AM	5	30.0	3.7	0.2	21.7	1.0	0.0%
7:45 AM	6	30.0	4.0	0.1	26.5	0.5	0.0%
7:45 AM	7	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	2.8	0.1	19.1	1.0	0.0%
7:45 AM	9	30.0	3.2	0.2	15.8	1.0	0.0%
7:45 AM	10	30.0	5.0	0.2	32.7	1.5	0.0%
8:00 AM	1	29.0	3.6	0.2	26.0	1.0	0.0%
8:00 AM	2	29.0	5.7	0.2	38.1	1.6	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	1.6	0.1	15.1	1.0	0.0%
8:00 AM	4	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	3.7	0.2	19.6	1.0	0.0%
8:00 AM	6	29.0	4.7	0.2	29.5	1.0	0.0%
8:00 AM	7	29.0	3.0	0.1	23.1	1.0	0.0%
8:00 AM	8	29.0	1.2	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	1.2	0.1	10.3	0.6	0.0%
8:00 AM	10	29.0	1.9	0.1	17.3	1.0	0.0%
7:15 AM	Avg	30.0	4.0	0.2	22.6	1.1	0.0%
7:30 AM	Avg	30.0	2.1	0.1	12.6	0.7	0.0%
7:45 AM	Avg	30.0	3.3	0.1	20.7	1.0	0.0%
8:00 AM	Avg	29.0	2.7	0.1	17.9	0.8	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
7:15 AM	1	30.0	6.8	0.3	29.4	1.0	0.0%
7:15 AM	2	30.0	2.5	0.1	18.6	1.0	0.0%
7:15 AM	3	30.0	8.9	0.3	33.2	1.0	0.0%
7:15 AM	4	30.0	6.3	0.3	46.5	2.0	0.0%
7:15 AM	5	30.0	7.8	0.5	26.6	1.5	0.0%
7:15 AM	6	30.0	4.8	0.3	16.8	1.0	0.0%
7:15 AM	7	30.0	8.5	0.4	42.3	2.0	0.0%
7:15 AM	8	30.0	10.4	0.3	57.1	2.0	0.0%
7:15 AM	9	30.0	10.1	0.4	46.4	2.0	0.0%
7:15 AM	10	30.0	9.5	0.5	45.3	2.0	0.0%
7:30 AM	1	30.0	5.5	0.2	19.3	1.0	0.0%
7:30 AM	2	30.0	4.2	0.2	18.4	1.0	0.0%
7:30 AM	3	30.0	6.4	0.3	30.3	1.5	0.0%
7:30 AM	4	30.0	6.6	0.3	48.9	2.0	0.0%
7:30 AM	5	30.0	5.0	0.2	33.6	1.5	0.0%
7:30 AM	6	30.0	5.6	0.3	18.9	1.0	0.0%
7:30 AM	7	30.0	7.9	0.4	23.6	1.0	0.0%
7:30 AM	8	30.0	9.7	0.5	35.5	2.0	0.0%
7:30 AM	9	30.0	7.9	0.4	36.6	1.5	0.0%
7:30 AM	10	30.0	8.0	0.4	23.8	1.0	0.0%
7:45 AM	1	30.0	4.3	0.2	18.5	1.0	0.0%
7:45 AM	2	30.0	6.3	0.3	18.0	1.0	0.0%
7:45 AM	3	30.0	5.7	0.3	34.2	1.5	0.0%
7:45 AM	4	30.0	4.0	0.2	24.0	1.0	0.0%
7:45 AM	5	30.0	3.8	0.2	19.7	1.0	0.0%
7:45 AM	6	30.0	4.4	0.2	19.8	1.0	0.0%
7:45 AM	7	30.0	6.1	0.3	26.3	1.0	0.0%
7:45 AM	8	30.0	3.9	0.2	18.4	1.0	0.0%
7:45 AM	9	30.0	5.6	0.3	18.1	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	3.1	0.2	19.8	1.0	0.0%
8:00 AM	1	29.0	7.1	0.3	38.9	1.6	0.0%
8:00 AM	2	29.0	6.8	0.3	30.2	1.0	0.0%
8:00 AM	3	29.0	1.8	0.1	17.2	1.0	0.0%
8:00 AM	4	29.0	6.3	0.2	32.4	1.0	0.0%
8:00 AM	5	29.0	20.3	0.6	110.1	2.0	0.0%
8:00 AM	6	29.0	3.2	0.2	20.5	1.0	0.0%
8:00 AM	7	29.0	4.6	0.2	22.7	1.0	0.0%
8:00 AM	8	29.0	5.8	0.3	18.3	1.0	0.0%
8:00 AM	9	29.0	8.0	0.4	17.7	1.0	0.0%
8:00 AM	10	29.0	10.2	0.5	41.0	1.6	0.0%
7:15 AM	Avg	30.0	7.6	0.3	36.2	1.6	0.0%
7:30 AM	Avg	30.0	6.7	0.3	28.9	1.4	0.0%
7:45 AM	Avg	30.0	4.7	0.2	21.7	1.1	0.0%
8:00 AM	Avg	29.0	7.4	0.3	34.9	1.2	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
7:15 AM	1	30.0	17.1	0.7	85.7	3.0	0.0%
7:15 AM	2	30.0	6.3	0.3	33.6	1.5	0.0%
7:15 AM	3	30.0	7.0	0.3	42.7	1.5	0.0%
7:15 AM	4	30.0	7.1	0.3	34.1	1.5	0.0%
7:15 AM	5	30.0	3.3	0.2	20.8	1.0	0.0%
7:15 AM	6	30.0	7.2	0.3	33.7	1.0	0.0%
7:15 AM	7	30.0	6.4	0.2	32.3	1.0	0.0%
7:15 AM	8	30.0	6.2	0.2	57.2	2.0	0.0%
7:15 AM	9	30.0	4.6	0.2	27.6	1.0	0.0%
7:15 AM	10	30.0	3.1	0.2	19.8	1.0	0.0%
7:30 AM	1	30.0	4.6	0.2	24.9	1.5	0.0%
7:30 AM	2	30.0	7.3	0.4	40.3	2.0	0.0%
7:30 AM	3	30.0	6.4	0.3	24.9	1.0	0.0%
7:30 AM	4	30.0	9.5	0.4	57.7	2.0	0.0%
7:30 AM	5	30.0	1.9	0.1	9.8	0.5	0.0%
7:30 AM	6	30.0	8.9	0.4	50.1	2.0	0.0%
7:30 AM	7	30.0	8.0	0.4	45.8	2.0	0.0%
7:30 AM	8	30.0	4.5	0.2	32.1	1.0	0.0%
7:30 AM	9	30.0	8.4	0.4	51.8	2.0	0.0%
7:30 AM	10	30.0	5.9	0.3	20.0	1.0	0.0%
7:45 AM	1	30.0	3.5	0.2	23.7	1.0	0.0%
7:45 AM	2	30.0	5.3	0.3	33.9	1.5	0.0%
7:45 AM	3	30.0	9.0	0.4	47.9	2.0	0.0%
7:45 AM	4	30.0	11.1	0.4	51.3	2.0	0.0%
7:45 AM	5	30.0	3.4	0.1	21.3	1.0	0.0%
7:45 AM	6	30.0	10.6	0.5	52.7	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	12.3	0.4	73.1	2.0	0.0%
7:45 AM	8	30.0	9.1	0.4	50.2	2.0	0.0%
7:45 AM	9	30.0	5.3	0.3	22.4	1.0	0.0%
7:45 AM	10	30.0	6.9	0.3	26.7	1.0	0.0%
8:00 AM	1	29.0	10.9	0.4	77.8	3.0	0.0%
8:00 AM	2	29.0	4.9	0.2	37.0	1.6	0.0%
8:00 AM	3	29.0	11.2	0.5	48.4	2.0	0.0%
8:00 AM	4	29.0	9.6	0.4	49.2	2.0	0.0%
8:00 AM	5	29.0	11.6	0.5	60.2	2.6	0.0%
8:00 AM	6	29.0	8.0	0.4	37.9	1.6	0.0%
8:00 AM	7	29.0	3.0	0.1	19.5	1.0	0.0%
8:00 AM	8	29.0	6.4	0.3	38.4	1.6	0.0%
8:00 AM	9	29.0	3.9	0.1	20.2	1.0	0.0%
8:00 AM	10	29.0	12.4	0.4	62.7	2.0	0.0%
7:15 AM	Avg	30.0	6.8	0.3	38.8	1.5	0.0%
7:30 AM	Avg	30.0	6.5	0.3	35.7	1.5	0.0%
7:45 AM	Avg	30.0	7.7	0.3	40.3	1.6	0.0%
8:00 AM	Avg	29.0	8.2	0.3	45.1	1.8	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
7:15 AM	1	30.0	15.1	0.5	69.8	2.5	0.0%
7:15 AM	2	30.0	7.7	0.3	56.6	1.5	0.0%
7:15 AM	3	30.0	3.5	0.2	24.4	1.0	0.0%
7:15 AM	4	30.0	11.4	0.5	66.3	2.5	0.0%
7:15 AM	5	30.0	19.8	0.7	90.0	3.0	0.0%
7:15 AM	6	30.0	5.0	0.2	32.7	1.0	0.0%
7:15 AM	7	30.0	8.6	0.4	33.0	1.5	0.0%
7:15 AM	8	30.0	9.7	0.4	32.4	1.5	0.0%
7:15 AM	9	30.0	13.9	0.6	65.2	3.0	0.0%
7:15 AM	10	30.0	19.3	0.7	78.2	2.5	0.0%
7:30 AM	1	30.0	24.6	0.7	132.6	3.0	0.0%
7:30 AM	2	30.0	5.4	0.3	27.2	1.0	0.0%
7:30 AM	3	30.0	2.2	0.1	20.4	1.0	0.0%
7:30 AM	4	30.0	11.1	0.4	44.2	2.0	0.0%
7:30 AM	5	30.0	14.7	0.6	71.2	2.5	0.0%
7:30 AM	6	30.0	4.8	0.2	25.0	1.0	0.0%
7:30 AM	7	30.0	8.3	0.3	34.1	1.5	0.0%
7:30 AM	8	30.0	7.6	0.3	43.6	2.0	0.0%
7:30 AM	9	30.0	10.1	0.4	57.7	2.5	0.0%
7:30 AM	10	30.0	13.3	0.5	49.5	2.0	0.0%
7:45 AM	1	30.0	4.2	0.2	23.1	1.0	0.0%
7:45 AM	2	30.0	16.6	0.6	66.2	2.5	0.0%
7:45 AM	3	30.0	13.1	0.5	55.8	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	13.6	0.5	81.2	2.5	0.0%
7:45 AM	5	30.0	9.2	0.4	45.1	2.0	0.0%
7:45 AM	6	30.0	11.5	0.5	58.6	2.5	0.0%
7:45 AM	7	30.0	10.8	0.4	58.6	2.0	0.0%
7:45 AM	8	30.0	9.3	0.4	58.6	2.5	0.0%
7:45 AM	9	30.0	7.0	0.3	49.7	2.0	0.0%
7:45 AM	10	30.0	16.9	0.7	82.3	2.5	0.0%
8:00 AM	1	29.0	7.7	0.3	39.4	1.6	0.0%
8:00 AM	2	29.0	15.7	0.6	65.9	2.0	0.0%
8:00 AM	3	29.0	9.9	0.4	63.0	2.6	0.0%
8:00 AM	4	29.0	8.9	0.4	58.8	2.6	0.0%
8:00 AM	5	29.0	9.9	0.4	44.6	2.0	0.0%
8:00 AM	6	29.0	20.3	0.8	83.0	3.0	0.0%
8:00 AM	7	29.0	7.6	0.3	36.4	1.6	0.0%
8:00 AM	8	29.0	22.5	0.7	106.4	2.6	0.0%
8:00 AM	9	29.0	6.7	0.3	39.0	1.6	0.0%
8:00 AM	10	29.0	4.1	0.2	32.8	1.6	0.0%
7:15 AM	Avg	30.0	11.4	0.5	54.9	2.0	0.0%
7:30 AM	Avg	30.0	10.2	0.4	50.6	1.9	0.0%
7:45 AM	Avg	30.0	11.2	0.5	57.9	2.2	0.0%
8:00 AM	Avg	29.0	11.3	0.4	56.9	2.1	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
7:15 AM	1	30.0	24.4	1.0	86.8	3.5	0.0%
7:15 AM	2	30.0	67.1	2.4	256.4	8.0	0.0%
7:15 AM	3	30.0	41.5	1.7	153.0	5.5	0.0%
7:15 AM	4	30.0	46.8	1.8	144.1	5.5	0.0%
7:15 AM	5	30.0	63.5	2.3	184.3	6.5	0.0%
7:15 AM	6	30.0	40.3	1.6	151.9	5.0	0.0%
7:15 AM	7	30.0	60.7	2.2	181.0	5.5	0.0%
7:15 AM	8	30.0	73.3	2.6	170.3	6.5	0.0%
7:15 AM	9	30.0	37.1	1.3	143.0	4.0	0.0%
7:15 AM	10	30.0	147.2	5.1	377.6	13.0	0.0%
7:30 AM	1	30.0	45.4	1.8	134.6	5.5	0.0%
7:30 AM	2	30.0	25.1	1.0	86.8	3.0	0.0%
7:30 AM	3	30.0	30.8	1.2	135.4	4.5	0.0%
7:30 AM	4	30.0	28.7	1.2	125.3	4.1	0.0%
7:30 AM	5	30.0	41.0	1.6	165.0	5.5	0.0%
7:30 AM	6	30.0	141.0	4.9	351.9	11.7	0.0%
7:30 AM	7	30.0	63.7	2.3	167.0	6.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	43.0	1.7	148.6	5.0	0.0%
7:30 AM	9	30.0	46.9	1.8	151.9	5.0	0.0%
7:30 AM	10	30.0	45.6	1.7	149.2	5.1	0.0%
7:45 AM	1	30.0	108.8	4.0	290.6	10.1	0.0%
7:45 AM	2	30.0	22.3	0.9	81.2	3.0	0.0%
7:45 AM	3	30.0	36.5	1.4	140.5	4.5	0.0%
7:45 AM	4	30.0	62.5	2.2	194.8	6.0	0.0%
7:45 AM	5	30.0	48.2	1.7	165.0	5.0	0.0%
7:45 AM	6	30.0	60.1	2.1	205.2	6.0	0.0%
7:45 AM	7	30.0	101.6	3.6	249.9	9.1	0.0%
7:45 AM	8	30.0	66.8	2.5	216.1	7.0	0.0%
7:45 AM	9	30.0	52.7	2.0	148.3	5.5	0.0%
7:45 AM	10	30.0	44.5	1.7	152.6	5.5	0.0%
8:00 AM	1	29.0	30.3	1.3	85.5	3.0	0.0%
8:00 AM	2	29.0	27.8	1.1	108.1	4.0	0.0%
8:00 AM	3	29.0	57.5	2.2	179.8	7.0	0.0%
8:00 AM	4	29.0	68.6	2.4	224.4	7.6	0.0%
8:00 AM	5	29.0	53.7	2.0	165.0	5.0	0.0%
8:00 AM	6	29.0	50.2	1.9	165.0	5.6	0.0%
8:00 AM	7	29.0	127.9	4.6	319.9	11.8	0.0%
8:00 AM	8	29.0	72.8	2.7	293.4	10.6	0.0%
8:00 AM	9	29.0	20.8	0.8	68.3	3.0	0.0%
8:00 AM	10	29.0	39.7	1.6	192.6	6.6	0.0%
7:15 AM	Avg	30.0	60.2	2.2	184.8	6.3	0.0%
7:30 AM	Avg	30.0	51.1	1.9	161.6	5.5	0.0%
7:45 AM	Avg	30.0	60.4	2.2	184.4	6.2	0.0%
8:00 AM	Avg	29.0	54.9	2.1	180.2	6.4	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274810

7:15 AM	1	30.0	5.5	0.3	32.9	1.5	0.0%
7:15 AM	2	30.0	8.9	0.4	38.5	1.5	0.0%
7:15 AM	3	30.0	3.8	0.2	18.3	1.0	0.0%
7:15 AM	4	30.0	7.1	0.4	33.8	1.5	0.0%
7:15 AM	5	30.0	9.3	0.4	48.1	2.0	0.0%
7:15 AM	6	30.0	3.4	0.2	18.0	1.0	0.0%
7:15 AM	7	30.0	6.5	0.3	30.0	1.0	0.0%
7:15 AM	8	30.0	15.4	0.7	61.7	2.5	0.0%
7:15 AM	9	30.0	6.4	0.3	32.5	1.5	0.0%
7:15 AM	10	30.0	7.3	0.4	36.3	2.0	0.0%
7:30 AM	1	30.0	2.9	0.2	15.8	1.0	0.0%
7:30 AM	2	30.0	7.2	0.3	52.0	2.0	0.0%
7:30 AM	3	30.0	13.8	0.5	64.2	2.0	0.0%
7:30 AM	4	30.0	7.0	0.3	36.8	1.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	6.7	0.4	33.0	1.5	0.0%
7:30 AM	6	30.0	7.6	0.4	38.6	1.5	0.0%
7:30 AM	7	30.0	8.6	0.4	47.1	2.0	0.0%
7:30 AM	8	30.0	4.3	0.2	23.8	1.0	0.0%
7:30 AM	9	30.0	2.3	0.1	16.6	1.0	0.0%
7:30 AM	10	30.0	10.7	0.5	38.4	1.5	0.0%
7:45 AM	1	30.0	13.4	0.5	66.9	2.0	0.0%
7:45 AM	2	30.0	7.0	0.3	43.4	1.5	0.0%
7:45 AM	3	30.0	6.2	0.3	37.7	1.5	0.0%
7:45 AM	4	30.0	4.7	0.3	21.6	1.0	0.0%
7:45 AM	5	30.0	5.3	0.3	24.6	1.0	0.0%
7:45 AM	6	30.0	7.6	0.4	36.6	2.0	0.0%
7:45 AM	7	30.0	4.5	0.2	19.5	1.0	0.0%
7:45 AM	8	30.0	6.8	0.4	32.0	1.5	0.0%
7:45 AM	9	30.0	10.5	0.4	79.3	2.1	0.0%
7:45 AM	10	30.0	6.5	0.2	39.8	1.0	0.0%
8:00 AM	1	29.0	7.4	0.2	56.2	1.6	0.0%
8:00 AM	2	29.0	9.9	0.5	42.1	2.0	0.0%
8:00 AM	3	29.0	9.4	0.4	44.9	2.0	0.0%
8:00 AM	4	29.0	12.3	0.6	57.1	2.0	0.0%
8:00 AM	5	29.0	9.6	0.4	41.7	1.6	0.0%
8:00 AM	6	29.0	11.3	0.3	78.1	2.0	0.0%
8:00 AM	7	29.0	6.9	0.3	34.5	1.6	0.0%
8:00 AM	8	29.0	2.6	0.1	13.9	1.0	0.0%
8:00 AM	9	29.0	7.1	0.4	23.0	1.0	0.0%
8:00 AM	10	29.0	10.9	0.4	46.6	2.0	0.0%
7:15 AM	Avg	30.0	7.4	0.4	35.0	1.6	0.0%
7:30 AM	Avg	30.0	7.1	0.3	36.6	1.5	0.0%
7:45 AM	Avg	30.0	7.3	0.3	40.1	1.5	0.0%
8:00 AM	Avg	29.0	8.7	0.4	43.8	1.7	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274851

7:15 AM	1	30.0	3.9	0.2	29.9	1.5	0.0%
7:15 AM	2	30.0	2.7	0.2	16.5	1.0	0.0%
7:15 AM	3	30.0	10.1	0.3	55.1	1.5	0.0%
7:15 AM	4	30.0	5.8	0.3	29.4	1.0	0.0%
7:15 AM	5	30.0	3.4	0.2	22.0	1.0	0.0%
7:15 AM	6	30.0	5.4	0.3	34.9	1.5	0.0%
7:15 AM	7	30.0	3.6	0.1	23.7	1.0	0.0%
7:15 AM	8	30.0	6.2	0.3	38.4	1.5	0.0%
7:15 AM	9	30.0	12.6	0.5	58.5	2.0	0.0%
7:15 AM	10	30.0	2.8	0.2	16.6	1.0	0.0%
7:30 AM	1	30.0	5.2	0.2	43.7	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	4.3	0.2	18.9	1.0	0.0%
7:30 AM	3	30.0	2.9	0.2	17.8	1.0	0.0%
7:30 AM	4	30.0	5.7	0.3	26.3	1.0	0.0%
7:30 AM	5	30.0	9.9	0.4	49.0	2.0	0.0%
7:30 AM	6	30.0	4.4	0.2	24.9	1.0	0.0%
7:30 AM	7	30.0	4.4	0.2	17.6	1.0	0.0%
7:30 AM	8	30.0	7.2	0.2	37.9	1.5	0.0%
7:30 AM	9	30.0	5.2	0.2	34.8	1.0	0.0%
7:30 AM	10	30.0	6.1	0.3	32.5	1.0	0.0%
7:45 AM	1	30.0	7.2	0.3	25.8	1.0	0.0%
7:45 AM	2	30.0	2.6	0.1	20.7	1.0	0.0%
7:45 AM	3	30.0	6.7	0.2	48.4	1.5	0.0%
7:45 AM	4	30.0	6.6	0.3	42.8	1.5	0.0%
7:45 AM	5	30.0	5.0	0.1	20.8	1.0	0.0%
7:45 AM	6	30.0	3.1	0.1	25.4	1.1	0.0%
7:45 AM	7	30.0	4.7	0.2	26.8	1.0	0.0%
7:45 AM	8	30.0	6.4	0.3	36.2	1.5	0.0%
7:45 AM	9	30.0	4.3	0.2	18.4	1.0	0.0%
7:45 AM	10	30.0	4.8	0.2	35.3	1.5	0.0%
8:00 AM	1	29.0	4.6	0.2	20.7	1.0	0.0%
8:00 AM	2	29.0	4.1	0.2	18.5	1.0	0.0%
8:00 AM	3	29.0	4.6	0.2	32.1	1.0	0.0%
8:00 AM	4	29.0	8.7	0.4	40.4	1.6	0.0%
8:00 AM	5	29.0	6.9	0.3	28.1	1.0	0.0%
8:00 AM	6	29.0	3.1	0.2	17.3	1.0	0.0%
8:00 AM	7	29.0	9.2	0.3	46.2	1.0	0.0%
8:00 AM	8	29.0	4.3	0.2	22.4	1.0	0.0%
8:00 AM	9	29.0	6.8	0.3	36.9	1.6	0.0%
8:00 AM	10	29.0	6.3	0.3	19.5	1.0	0.0%
7:15 AM	Avg	30.0	5.7	0.3	32.5	1.3	0.0%
7:30 AM	Avg	30.0	5.5	0.2	30.3	1.3	0.0%
7:45 AM	Avg	30.0	5.1	0.2	30.1	1.2	0.0%
8:00 AM	Avg	29.0	5.9	0.3	28.2	1.1	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

7:15 AM	1	30.0	13.1	0.6	63.0	2.5	0.0%
7:15 AM	2	30.0	8.5	0.4	47.9	2.0	0.0%
7:15 AM	3	30.0	5.4	0.3	33.7	1.5	0.0%
7:15 AM	4	30.0	7.2	0.3	32.2	1.5	0.0%
7:15 AM	5	30.0	1.8	0.1	14.3	1.0	0.0%
7:15 AM	6	30.0	8.3	0.4	46.4	2.0	0.0%
7:15 AM	7	30.0	6.8	0.3	32.0	1.0	0.0%
7:15 AM	8	30.0	5.8	0.2	25.4	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	8.3	0.3	36.6	1.5	0.0%
7:15 AM	10	30.0	7.2	0.3	42.2	1.5	0.0%
7:30 AM	1	30.0	2.7	0.1	19.4	1.0	0.0%
7:30 AM	2	30.0	5.8	0.3	24.0	1.0	0.0%
7:30 AM	3	30.0	6.2	0.2	27.7	1.0	0.0%
7:30 AM	4	30.0	5.4	0.3	32.6	1.5	0.0%
7:30 AM	5	30.0	6.6	0.3	33.0	1.5	0.0%
7:30 AM	6	30.0	12.3	0.6	51.6	2.0	0.0%
7:30 AM	7	30.0	6.5	0.3	37.1	1.5	0.0%
7:30 AM	8	30.0	4.9	0.2	27.8	1.0	0.0%
7:30 AM	9	30.0	6.0	0.3	22.9	1.0	0.0%
7:30 AM	10	30.0	3.2	0.1	22.5	1.0	0.0%
7:45 AM	1	30.0	4.9	0.2	19.4	1.0	0.0%
7:45 AM	2	30.0	6.4	0.3	24.8	1.0	0.0%
7:45 AM	3	30.0	1.3	0.1	9.7	0.5	0.0%
7:45 AM	4	30.0	10.2	0.4	62.2	2.5	0.0%
7:45 AM	5	30.0	5.1	0.2	23.3	1.0	0.0%
7:45 AM	6	30.0	11.7	0.6	49.4	2.0	0.0%
7:45 AM	7	30.0	10.0	0.5	37.7	1.5	0.0%
7:45 AM	8	30.0	1.7	0.1	15.9	1.0	0.0%
7:45 AM	9	30.0	6.6	0.3	22.8	1.0	0.0%
7:45 AM	10	30.0	4.4	0.2	19.4	1.0	0.0%
8:00 AM	1	29.0	6.2	0.3	30.8	1.6	0.0%
8:00 AM	2	29.0	6.7	0.3	23.9	1.0	0.0%
8:00 AM	3	29.0	5.3	0.2	38.5	1.6	0.0%
8:00 AM	4	29.0	4.1	0.2	20.9	1.0	0.0%
8:00 AM	5	29.0	7.7	0.4	43.5	2.0	0.0%
8:00 AM	6	29.0	3.6	0.2	18.7	1.0	0.0%
8:00 AM	7	29.0	6.8	0.3	36.1	2.0	0.0%
8:00 AM	8	29.0	5.0	0.2	29.3	1.6	0.0%
8:00 AM	9	29.0	4.2	0.2	29.5	1.0	0.0%
8:00 AM	10	29.0	6.7	0.3	41.8	2.0	0.0%
7:15 AM	Avg	30.0	7.2	0.3	37.4	1.6	0.0%
7:30 AM	Avg	30.0	6.0	0.3	29.9	1.3	0.0%
7:45 AM	Avg	30.0	6.2	0.3	28.5	1.3	0.0%
8:00 AM	Avg	29.0	5.6	0.3	31.3	1.5	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 274807							
7:15 AM	1	30.0	7.8	0.4	38.7	1.5	0.0%
7:15 AM	2	30.0	2.2	0.1	16.8	1.0	0.0%
7:15 AM	3	30.0	1.9	0.1	12.6	0.5	0.0%
7:15 AM	4	30.0	2.6	0.1	20.2	1.0	0.0%
7:15 AM	5	30.0	2.1	0.1	17.3	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	4.5	0.2	22.2	1.0	0.0%
7:15 AM	7	30.0	1.3	0.1	9.7	0.5	0.0%
7:15 AM	8	30.0	3.8	0.2	20.5	1.0	0.0%
7:15 AM	9	30.0	5.1	0.3	32.1	1.5	0.0%
7:15 AM	10	30.0	6.1	0.2	33.9	1.5	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	5.7	0.2	33.4	1.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	8.0	0.3	29.2	1.5	0.0%
7:30 AM	5	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	3.7	0.1	23.0	1.0	0.0%
7:30 AM	7	30.0	2.2	0.1	16.6	1.0	0.0%
7:30 AM	8	30.0	2.0	0.1	19.3	1.0	0.0%
7:30 AM	9	30.0	3.6	0.2	18.5	1.0	0.0%
7:30 AM	10	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	2.6	0.1	23.8	1.0	0.0%
7:45 AM	2	30.0	2.8	0.1	21.1	1.0	0.0%
7:45 AM	3	30.0	1.2	0.1	9.4	0.5	0.0%
7:45 AM	4	30.0	2.3	0.1	16.1	1.0	0.0%
7:45 AM	5	30.0	5.8	0.1	46.9	1.0	0.0%
7:45 AM	6	30.0	4.7	0.2	20.7	1.0	0.0%
7:45 AM	7	30.0	3.6	0.2	24.1	1.0	0.0%
7:45 AM	8	30.0	1.7	0.1	16.0	1.0	0.0%
7:45 AM	9	30.0	4.7	0.2	23.8	1.0	0.0%
7:45 AM	10	30.0	7.3	0.3	45.4	1.5	0.0%
8:00 AM	1	29.0	6.4	0.3	35.0	1.0	0.0%
8:00 AM	2	29.0	6.1	0.2	25.9	1.0	0.0%
8:00 AM	3	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	6.0	0.3	39.1	2.0	0.0%
8:00 AM	5	29.0	5.0	0.2	38.1	1.6	0.0%
8:00 AM	6	29.0	1.4	0.1	11.7	0.6	0.0%
8:00 AM	7	29.0	2.0	0.1	17.7	1.0	0.0%
8:00 AM	8	29.0	5.0	0.2	34.0	1.6	0.0%
8:00 AM	9	29.0	1.8	0.1	16.4	1.0	0.0%
8:00 AM	10	29.0	3.0	0.1	17.4	1.0	0.0%
7:15 AM	Avg	30.0	3.7	0.2	22.4	1.1	0.0%
7:30 AM	Avg	30.0	2.6	0.1	14.0	0.7	0.0%
7:45 AM	Avg	30.0	3.7	0.2	24.7	1.0	0.0%
8:00 AM	Avg	29.0	3.7	0.2	23.5	1.1	0.0%
WB T on LAKE AVE NW - Lane ID 274843							
7:15 AM	1	30.0	20.7	0.9	76.0	3.0	0.0%
7:15 AM	2	30.0	14.4	0.6	57.3	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 **NODE: 18**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	15.2	0.6	83.5	3.0	0.0%
7:15 AM	4	30.0	17.5	0.6	87.2	2.5	0.0%
7:15 AM	5	30.0	8.7	0.4	51.7	2.0	0.0%
7:15 AM	6	30.0	8.6	0.4	46.6	2.0	0.0%
7:15 AM	7	30.0	14.1	0.6	64.8	2.5	0.0%
7:15 AM	8	30.0	11.5	0.5	67.9	2.5	0.0%
7:15 AM	9	30.0	13.1	0.5	54.3	2.0	0.0%
7:15 AM	10	30.0	14.1	0.6	84.8	3.5	0.0%
7:30 AM	1	30.0	6.7	0.3	40.5	1.5	0.0%
7:30 AM	2	30.0	10.3	0.5	53.8	2.5	0.0%
7:30 AM	3	30.0	14.7	0.6	49.4	2.0	0.0%
7:30 AM	4	30.0	13.4	0.5	82.5	3.0	0.0%
7:30 AM	5	30.0	8.0	0.3	42.8	2.0	0.0%
7:30 AM	6	30.0	6.6	0.3	32.5	1.5	0.0%
7:30 AM	7	30.0	4.0	0.2	20.2	1.0	0.0%
7:30 AM	8	30.0	14.1	0.6	85.4	3.5	0.0%
7:30 AM	9	30.0	16.0	0.7	89.9	3.5	0.0%
7:30 AM	10	30.0	4.2	0.2	28.9	1.5	0.0%
7:45 AM	1	30.0	6.8	0.3	37.8	1.5	0.0%
7:45 AM	2	30.0	13.3	0.5	71.0	2.0	0.0%
7:45 AM	3	30.0	13.0	0.4	55.2	2.0	0.0%
7:45 AM	4	30.0	11.9	0.5	55.1	2.0	0.0%
7:45 AM	5	30.0	9.3	0.4	55.6	2.5	0.0%
7:45 AM	6	30.0	13.8	0.6	70.0	3.0	0.0%
7:45 AM	7	30.0	20.5	0.8	76.3	2.5	0.0%
7:45 AM	8	30.0	7.2	0.3	38.7	1.5	0.0%
7:45 AM	9	30.0	9.5	0.4	44.0	2.0	0.0%
7:45 AM	10	30.0	10.2	0.5	45.6	2.0	0.0%
8:00 AM	1	29.0	5.8	0.2	44.0	1.6	0.0%
8:00 AM	2	29.0	10.0	0.4	50.4	2.0	0.0%
8:00 AM	3	29.0	14.4	0.5	73.7	2.6	0.0%
8:00 AM	4	29.0	9.2	0.4	71.0	3.0	0.0%
8:00 AM	5	29.0	22.1	0.9	98.7	4.0	0.0%
8:00 AM	6	29.0	14.5	0.7	74.7	3.2	0.0%
8:00 AM	7	29.0	11.0	0.4	78.7	3.2	0.0%
8:00 AM	8	29.0	15.4	0.7	73.6	3.0	0.0%
8:00 AM	9	29.0	11.0	0.5	53.2	2.0	0.0%
8:00 AM	10	29.0	7.8	0.3	55.5	2.0	0.0%
7:15 AM	Avg	30.0	13.8	0.6	67.4	2.5	0.0%
7:30 AM	Avg	30.0	9.8	0.4	52.6	2.2	0.0%
7:45 AM	Avg	30.0	11.6	0.5	54.9	2.1	0.0%
8:00 AM	Avg	29.0	12.1	0.5	67.4	2.7	0.0%

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	1.8	1.2	0.0	3.6	10
7:30 AM	0.9	0.8	0.0	2.4	10
7:45 AM	1.0	0.6	0.0	2.0	10
8:00 AM	1.1	0.9	0.0	3.4	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	4.0	2.3	1.2	7.6	10
7:30 AM	2.1	1.3	0.0	4.1	10
7:45 AM	3.3	1.2	0.5	5.0	10
8:00 AM	2.7	1.7	0.6	5.7	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	7.6	2.5	2.5	10.4	10
7:30 AM	6.7	1.7	4.2	9.7	10
7:45 AM	4.7	1.1	3.1	6.3	10
8:00 AM	7.4	5.1	1.8	20.3	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	6.8	3.9	3.1	17.1	10
7:30 AM	6.5	2.4	1.9	9.5	10
7:45 AM	7.7	3.2	3.4	12.3	10
8:00 AM	8.2	3.5	3.0	12.4	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	11.4	5.6	3.5	19.8	10
7:30 AM	10.2	6.4	2.2	24.6	10
7:45 AM	11.2	4.0	4.2	16.9	10
8:00 AM	11.3	6.1	4.1	22.5	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	60.2	34.2	24.4	147.2	10
7:30 AM	51.1	33.5	25.1	141.0	10
7:45 AM	60.4	27.0	22.3	108.8	10
8:00 AM	54.9	30.9	20.8	127.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	7.4	3.4	3.4	15.4	10
7:30 AM	7.1	3.5	2.3	13.8	10
7:45 AM	7.3	2.8	4.5	13.4	10
8:00 AM	8.7	2.8	2.6	12.3	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	5.7	3.3	2.7	12.6	10
7:30 AM	5.5	1.9	2.9	9.9	10
7:45 AM	5.1	1.6	2.6	7.2	10
8:00 AM	5.9	2.0	3.1	9.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	7.2	2.9	1.8	13.1	10
7:30 AM	6.0	2.6	2.7	12.3	10
7:45 AM	6.2	3.5	1.3	11.7	10
8:00 AM	5.6	1.4	3.6	7.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	3.7	2.1	1.3	7.8	10
7:30 AM	2.6	2.7	0.0	8.0	10
7:45 AM	3.7	1.9	1.2	7.3	10
8:00 AM	3.7	2.2	0.5	6.4	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	13.8	3.7	8.6	20.7	10
7:30 AM	9.8	4.5	4.0	16.0	10
7:45 AM	11.6	4.0	6.8	20.5	10
8:00 AM	12.1	4.7	5.8	22.1	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.1	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.1	10
8:00 AM	0.0	0.1	0.0	0.1	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.3	0.1	0.1	0.5	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.2	0.1	0.2	0.3	10
8:00 AM	0.3	0.2	0.1	0.6	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.3	0.2	0.2	0.7	10
7:30 AM	0.3	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.1	0.5	10
8:00 AM	0.3	0.1	0.1	0.5	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.5	0.2	0.2	0.7	10
7:30 AM	0.4	0.2	0.1	0.7	10
7:45 AM	0.5	0.1	0.2	0.7	10
8:00 AM	0.4	0.2	0.2	0.8	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	2.2	1.1	1.0	5.1	10
7:30 AM	1.9	1.1	1.0	4.9	10
7:45 AM	2.2	1.0	0.9	4.0	10
8:00 AM	2.1	1.1	0.8	4.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.4	0.1	0.2	0.7	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.3	0.1	0.2	0.5	10
8:00 AM	0.4	0.1	0.1	0.6	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	0.3	0.1	0.1	0.5	10
7:30 AM	0.2	0.1	0.2	0.4	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.3	0.1	0.2	0.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.3	0.1	0.1	0.6	10
7:30 AM	0.3	0.1	0.1	0.6	10
7:45 AM	0.3	0.2	0.1	0.6	10
8:00 AM	0.3	0.1	0.2	0.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.1	0.1	0.0	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.0	0.3	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.6	0.1	0.4	0.9	10
7:30 AM	0.4	0.2	0.2	0.7	10
7:45 AM	0.5	0.1	0.3	0.8	10
8:00 AM	0.5	0.2	0.2	0.9	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	12.2	7.6	0.0	20.5	10
7:30 AM	4.5	4.8	0.0	10.8	10
7:45 AM	5.2	6.3	0.0	17.4	10
8:00 AM	3.7	6.2	0.0	16.7	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	22.6	12.3	8.3	43.1	10
7:30 AM	12.6	11.0	0.0	31.9	10
7:45 AM	20.7	10.8	0.0	33.6	10
8:00 AM	17.9	12.2	0.0	38.1	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	36.2	13.3	16.8	57.1	10
7:30 AM	28.9	9.9	18.4	48.9	10
7:45 AM	21.7	5.2	18.0	34.2	10
8:00 AM	34.9	27.8	17.2	110.1	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	38.8	19.7	19.8	85.7	10
7:30 AM	35.7	15.8	9.8	57.7	10
7:45 AM	40.3	17.3	21.3	73.1	10
8:00 AM	45.1	18.5	19.5	77.8	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	54.9	22.7	24.4	90.0	10
7:30 AM	50.6	32.8	20.4	132.6	10
7:45 AM	57.9	17.2	23.1	82.3	10
8:00 AM	56.9	23.6	32.8	106.4	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	184.8	80.0	86.8	377.6	10
7:30 AM	161.6	70.7	86.8	351.9	10
7:45 AM	184.4	60.0	81.2	290.6	10
8:00 AM	180.2	82.7	68.3	319.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	35.0	12.9	18.0	61.7	10
7:30 AM	36.6	15.4	15.8	64.2	10
7:45 AM	40.1	19.3	19.5	79.3	10
8:00 AM	43.8	18.1	13.9	78.1	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	32.5	14.7	16.5	58.5	10
7:30 AM	30.3	11.1	17.6	49.0	10
7:45 AM	30.1	10.1	18.4	48.4	10
8:00 AM	28.2	10.2	17.3	46.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	37.4	13.4	14.3	63.0	10
7:30 AM	29.9	9.4	19.4	51.6	10
7:45 AM	28.5	16.4	9.7	62.2	10
8:00 AM	31.3	8.6	18.7	43.5	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	22.4	9.5	9.7	38.7	10
7:30 AM	14.0	13.0	0.0	33.4	10
7:45 AM	24.7	12.2	9.4	46.9	10
8:00 AM	23.5	13.0	0.0	39.1	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	67.4	14.9	46.6	87.2	10
7:30 AM	52.6	25.0	20.2	89.9	10
7:45 AM	54.9	13.8	37.8	76.3	10
8:00 AM	67.4	16.4	44.0	98.7	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.7	0.4	0.0	1.0	10
7:30 AM	0.3	0.3	0.0	1.0	10
7:45 AM	0.4	0.4	0.0	1.0	10
8:00 AM	0.2	0.3	0.0	0.6	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	1.1	0.5	0.5	2.0	10
7:30 AM	0.7	0.5	0.0	1.5	10
7:45 AM	1.0	0.5	0.0	1.5	10
8:00 AM	0.8	0.5	0.0	1.6	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	1.6	0.5	1.0	2.0	10
7:30 AM	1.4	0.4	1.0	2.0	10
7:45 AM	1.1	0.2	1.0	1.5	10
8:00 AM	1.2	0.4	1.0	2.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	1.5	0.6	1.0	3.0	10
7:30 AM	1.5	0.6	0.5	2.0	10
7:45 AM	1.6	0.5	1.0	2.0	10
8:00 AM	1.8	0.6	1.0	3.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	2.0	0.8	1.0	3.0	10
7:30 AM	1.9	0.7	1.0	3.0	10
7:45 AM	2.2	0.5	1.0	2.5	10
8:00 AM	2.1	0.5	1.6	3.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	6.3	2.7	3.5	13.0	10
7:30 AM	5.5	2.3	3.0	11.7	10
7:45 AM	6.2	2.1	3.0	10.1	10
8:00 AM	6.4	3.0	3.0	11.8	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	1.6	0.5	1.0	2.5	10
7:30 AM	1.5	0.4	1.0	2.0	10
7:45 AM	1.5	0.5	1.0	2.1	10
8:00 AM	1.7	0.4	1.0	2.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	1.3	0.3	1.0	2.0	10
7:30 AM	1.3	0.4	1.0	2.0	10
7:45 AM	1.2	0.3	1.0	1.5	10
8:00 AM	1.1	0.3	1.0	1.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	1.6	0.5	1.0	2.5	10
7:30 AM	1.3	0.4	1.0	2.0	10
7:45 AM	1.3	0.6	0.5	2.5	10
8:00 AM	1.5	0.4	1.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	1.1	0.4	0.5	1.5	10
7:30 AM	0.7	0.6	0.0	1.5	10
7:45 AM	1.0	0.2	0.5	1.5	10
8:00 AM	1.1	0.6	0.0	2.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	2.5	0.5	2.0	3.5	10
7:30 AM	2.2	0.9	1.0	3.5	10
7:45 AM	2.1	0.5	1.5	3.0	10
8:00 AM	2.7	0.7	1.6	4.0	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project:	Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario:	2048 PM Peak Hour
Run(s):	Batch (10 runs)
Simulated:	Various
Time:	15:30:00 - 16:30:00
Interval:	15 min
Selection:	print

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	1	74.0	0.10	5.4	A
3:30 PM	2	77.0	0.10	5.7	A
3:30 PM	3	80.0	0.10	5.1	A
3:30 PM	4	77.0	0.10	4.5	A
3:30 PM	5	79.0	0.10	5.0	A
3:30 PM	6	75.0	0.10	5.6	A
3:30 PM	7	79.0	0.10	5.7	A
3:30 PM	8	79.0	0.10	5.3	A
3:30 PM	9	76.0	0.10	6.1	A
3:30 PM	10	78.0	0.10	5.4	A
3:45 PM	1	80.0	0.10	5.4	A
3:45 PM	2	80.0	0.10	5.1	A
3:45 PM	3	78.0	0.10	6.6	A
3:45 PM	4	76.0	0.10	4.9	A
3:45 PM	5	77.0	0.10	5.3	A
3:45 PM	6	78.0	0.10	5.4	A
3:45 PM	7	76.0	0.10	5.1	A
3:45 PM	8	76.0	0.10	5.1	A
3:45 PM	9	77.0	0.10	5.1	A
3:45 PM	10	78.0	0.10	5.2	A
4:00 PM	1	78.0	0.10	5.4	A
4:00 PM	2	75.0	0.10	5.6	A
4:00 PM	3	76.0	0.10	5.0	A
4:00 PM	4	80.0	0.10	6.2	A
4:00 PM	5	76.0	0.10	5.7	A
4:00 PM	6	77.0	0.10	6.0	A
4:00 PM	7	78.0	0.10	5.3	A
4:00 PM	8	76.0	0.10	5.3	A
4:00 PM	9	78.0	0.10	5.7	A
4:00 PM	10	77.0	0.10	5.0	A
4:15 PM	1	76.0	0.10	5.7	A
4:15 PM	2	76.0	0.10	5.4	A
4:15 PM	3	78.0	0.10	5.0	A
4:15 PM	4	77.0	0.10	5.7	A
4:15 PM	5	79.0	0.10	5.0	A
4:15 PM	6	80.0	0.10	5.0	A
4:15 PM	7	78.0	0.10	5.2	A
4:15 PM	8	80.0	0.10	5.3	A
4:15 PM	9	79.0	0.10	5.3	A
4:15 PM	10	77.0	0.10	5.3	A
3:30 PM	Avg	77.4	0.10	5.4	A
3:45 PM	Avg	77.6	0.10	5.3	A
4:00 PM	Avg	77.1	0.10	5.5	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	78.0	0.10	5.3	A
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	1	133.0	0.20	5.8	A
3:30 PM	2	135.0	0.20	6.6	A
3:30 PM	3	138.0	0.20	5.7	A
3:30 PM	4	136.0	0.20	6.5	A
3:30 PM	5	133.0	0.30	6.8	A
3:30 PM	6	134.0	0.20	6.6	A
3:30 PM	7	140.0	0.30	6.5	A
3:30 PM	8	132.0	0.20	6.6	A
3:30 PM	9	135.0	0.20	5.6	A
3:30 PM	10	132.0	0.20	5.5	A
3:45 PM	1	135.0	0.20	5.6	A
3:45 PM	2	133.0	0.20	5.6	A
3:45 PM	3	134.0	0.20	6.1	A
3:45 PM	4	132.0	0.20	6.0	A
3:45 PM	5	139.0	0.20	6.1	A
3:45 PM	6	136.0	0.20	5.6	A
3:45 PM	7	127.0	0.20	5.9	A
3:45 PM	8	134.0	0.20	6.1	A
3:45 PM	9	134.0	0.20	5.7	A
3:45 PM	10	133.0	0.20	6.2	A
4:00 PM	1	133.0	0.20	5.5	A
4:00 PM	2	136.0	0.20	5.9	A
4:00 PM	3	132.0	0.20	5.5	A
4:00 PM	4	137.0	0.30	6.8	A
4:00 PM	5	133.0	0.20	6.4	A
4:00 PM	6	134.0	0.20	5.8	A
4:00 PM	7	138.0	0.30	6.8	A
4:00 PM	8	135.0	0.20	5.9	A
4:00 PM	9	138.0	0.20	6.1	A
4:00 PM	10	137.0	0.20	6.4	A
4:15 PM	1	137.0	0.20	6.5	A
4:15 PM	2	136.0	0.30	7.1	A
4:15 PM	3	140.0	0.30	6.6	A
4:15 PM	4	135.0	0.20	6.3	A
4:15 PM	5	135.0	0.20	6.0	A
4:15 PM	6	135.0	0.20	6.2	A
4:15 PM	7	135.0	0.20	6.4	A
4:15 PM	8	135.0	0.30	6.8	A
4:15 PM	9	136.0	0.20	5.8	A
4:15 PM	10	133.0	0.30	7.1	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	134.8	0.22	6.2	A
3:45 PM	Avg	133.7	0.20	5.9	A
4:00 PM	Avg	135.3	0.22	6.1	A
4:15 PM	Avg	135.7	0.24	6.5	A
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	1	71.0	0.40	19.8	C
3:30 PM	2	70.0	0.40	20.8	C
3:30 PM	3	72.0	0.40	22.0	C
3:30 PM	4	69.0	0.30	17.7	C
3:30 PM	5	72.0	0.30	13.2	B
3:30 PM	6	71.0	0.40	18.4	C
3:30 PM	7	75.0	0.60	28.7	D
3:30 PM	8	72.0	0.40	21.4	C
3:30 PM	9	73.0	0.30	13.3	B
3:30 PM	10	72.0	0.40	20.8	C
3:45 PM	1	75.0	0.40	18.4	C
3:45 PM	2	73.0	0.30	16.3	C
3:45 PM	3	74.0	0.70	34.3	D
3:45 PM	4	76.0	0.40	18.6	C
3:45 PM	5	72.0	0.30	15.3	C
3:45 PM	6	73.0	0.50	23.3	C
3:45 PM	7	73.0	0.40	19.6	C
3:45 PM	8	73.0	0.40	19.9	C
3:45 PM	9	71.0	0.40	19.9	C
3:45 PM	10	69.0	0.50	26.4	D
4:00 PM	1	71.0	0.40	20.7	C
4:00 PM	2	73.0	0.50	25.1	D
4:00 PM	3	67.0	0.80	40.6	E
4:00 PM	4	68.0	0.30	15.3	C
4:00 PM	5	70.0	0.60	30.6	D
4:00 PM	6	74.0	0.40	21.2	C
4:00 PM	7	74.0	0.50	23.2	C
4:00 PM	8	73.0	0.30	16.0	C
4:00 PM	9	72.0	0.40	18.0	C
4:00 PM	10	75.0	0.40	18.1	C
4:15 PM	1	70.0	0.30	16.7	C
4:15 PM	2	72.0	0.40	18.0	C
4:15 PM	3	74.0	0.60	31.3	D
4:15 PM	4	75.0	0.40	18.6	C
4:15 PM	5	74.0	0.60	29.7	D
4:15 PM	6	72.0	0.50	24.0	C
4:15 PM	7	71.0	0.30	16.7	C

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	71.0	0.30	16.9	C
4:15 PM	9	75.0	0.60	28.9	D
4:15 PM	10	73.0	0.30	17.1	C
3:30 PM	Avg	71.7	0.39	19.6	C
3:45 PM	Avg	72.9	0.43	21.2	C
4:00 PM	Avg	71.7	0.46	22.9	C
4:15 PM	Avg	72.7	0.43	21.8	C
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	1	101.0	0.50	17.3	C
3:30 PM	2	100.0	0.40	13.9	B
3:30 PM	3	102.0	0.30	8.9	A
3:30 PM	4	102.0	0.20	8.2	A
3:30 PM	5	107.0	0.60	18.6	C
3:30 PM	6	100.0	0.30	11.8	B
3:30 PM	7	102.0	0.30	9.3	A
3:30 PM	8	107.0	0.50	17.1	C
3:30 PM	9	103.0	0.30	10.5	B
3:30 PM	10	97.0	0.30	9.8	A
3:45 PM	1	100.0	0.30	9.3	A
3:45 PM	2	97.0	0.30	12.4	B
3:45 PM	3	100.0	0.30	10.4	B
3:45 PM	4	101.0	0.30	9.1	A
3:45 PM	5	99.0	0.30	11.4	B
3:45 PM	6	99.0	0.30	9.8	A
3:45 PM	7	100.0	0.20	9.0	A
3:45 PM	8	99.0	0.30	11.7	B
3:45 PM	9	100.0	0.30	10.1	B
3:45 PM	10	103.0	0.50	16.9	C
4:00 PM	1	99.0	0.20	9.0	A
4:00 PM	2	101.0	0.30	9.7	A
4:00 PM	3	99.0	0.20	8.9	A
4:00 PM	4	100.0	0.20	8.3	A
4:00 PM	5	101.0	0.30	10.8	B
4:00 PM	6	101.0	0.30	11.7	B
4:00 PM	7	99.0	0.30	10.4	B
4:00 PM	8	100.0	0.30	10.1	B
4:00 PM	9	100.0	0.20	8.3	A
4:00 PM	10	102.0	0.50	17.7	C
4:15 PM	1	102.0	0.50	16.9	C
4:15 PM	2	100.0	1.00	35.4	E
4:15 PM	3	100.0	0.20	8.7	A
4:15 PM	4	98.0	0.30	9.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	100.0	0.30	10.0	B
4:15 PM	6	98.0	0.40	15.6	C
4:15 PM	7	100.0	0.40	15.4	C
4:15 PM	8	101.0	0.40	14.8	B
4:15 PM	9	99.0	0.20	7.5	A
4:15 PM	10	99.0	0.20	9.0	A
3:30 PM	Avg	102.1	0.37	12.5	B
3:45 PM	Avg	99.8	0.31	11.0	B
4:00 PM	Avg	100.2	0.28	10.5	B
4:15 PM	Avg	99.7	0.39	14.3	B

WB T on [Unnamed Street]: Lane ID 274785

3:30 PM	1	151.0	0.40	10.6	B
3:30 PM	2	149.0	0.50	13.0	B
3:30 PM	3	146.0	0.60	13.8	B
3:30 PM	4	147.0	0.40	9.9	A
3:30 PM	5	143.0	0.40	11.2	B
3:30 PM	6	148.0	0.40	9.1	A
3:30 PM	7	149.0	0.40	9.9	A
3:30 PM	8	147.0	0.60	15.8	C
3:30 PM	9	149.0	0.40	10.4	B
3:30 PM	10	149.0	0.30	7.5	A
3:45 PM	1	146.0	0.40	10.8	B
3:45 PM	2	148.0	0.40	10.0	B
3:45 PM	3	147.0	0.40	10.4	B
3:45 PM	4	146.0	0.40	9.6	A
3:45 PM	5	151.0	0.40	10.7	B
3:45 PM	6	149.0	0.40	10.8	B
3:45 PM	7	146.0	0.30	7.9	A
3:45 PM	8	147.0	0.50	12.2	B
3:45 PM	9	149.0	0.40	10.2	B
3:45 PM	10	148.0	0.50	11.0	B
4:00 PM	1	147.0	0.40	9.5	A
4:00 PM	2	149.0	0.30	8.4	A
4:00 PM	3	149.0	0.30	7.8	A
4:00 PM	4	150.0	0.40	9.3	A
4:00 PM	5	146.0	0.40	9.5	A
4:00 PM	6	148.0	0.50	11.0	B
4:00 PM	7	148.0	0.40	9.9	A
4:00 PM	8	145.0	0.40	11.2	B
4:00 PM	9	146.0	0.50	12.3	B
4:00 PM	10	147.0	0.60	15.4	C
4:15 PM	1	149.0	0.30	8.0	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	146.0	0.90	21.1	C
4:15 PM	3	147.0	0.40	10.1	B
4:15 PM	4	149.0	0.40	10.0	A
4:15 PM	5	148.0	0.30	7.4	A
4:15 PM	6	148.0	0.30	8.0	A
4:15 PM	7	148.0	0.50	11.5	B
4:15 PM	8	150.0	0.40	10.7	B
4:15 PM	9	150.0	0.40	9.2	A
4:15 PM	10	147.0	0.40	9.4	A
3:30 PM	Avg	147.8	0.44	11.1	B
3:45 PM	Avg	147.7	0.41	10.4	B
4:00 PM	Avg	147.5	0.42	10.4	B
4:15 PM	Avg	148.2	0.43	10.5	B

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	1	96.0	0.40	13.6	B
3:30 PM	2	96.0	0.40	16.1	C
3:30 PM	3	96.0	0.30	12.3	B
3:30 PM	4	98.0	0.40	13.4	B
3:30 PM	5	99.0	0.40	14.2	B
3:30 PM	6	98.0	0.40	13.7	B
3:30 PM	7	98.0	0.40	14.6	B
3:30 PM	8	99.0	0.40	14.6	B
3:30 PM	9	98.0	0.30	10.5	B
3:30 PM	10	99.0	0.20	8.5	A
3:45 PM	1	100.0	0.40	13.8	B
3:45 PM	2	99.0	0.50	17.4	C
3:45 PM	3	99.0	0.30	11.5	B
3:45 PM	4	96.0	0.50	18.7	C
3:45 PM	5	95.0	0.30	11.7	B
3:45 PM	6	99.0	0.30	11.1	B
3:45 PM	7	92.0	0.50	20.1	C
3:45 PM	8	97.0	0.40	16.4	C
3:45 PM	9	97.0	0.40	15.8	C
3:45 PM	10	95.0	0.40	15.9	C
4:00 PM	1	96.0	0.50	17.1	C
4:00 PM	2	99.0	0.30	12.6	B
4:00 PM	3	97.0	0.40	14.4	B
4:00 PM	4	98.0	0.40	14.5	B
4:00 PM	5	96.0	0.30	13.0	B
4:00 PM	6	96.0	0.40	13.2	B
4:00 PM	7	103.0	0.60	21.8	C
4:00 PM	8	98.0	0.40	13.7	B
4:00 PM	9	102.0	0.30	11.5	B
4:00 PM	10	99.0	0.40	13.6	B
4:15 PM	1	98.0	0.50	16.7	C
4:15 PM	2	93.0	0.30	12.1	B
4:15 PM	3	101.0	0.40	13.4	B
4:15 PM	4	99.0	0.40	15.9	C
4:15 PM	5	100.0	0.50	16.2	C
4:15 PM	6	99.0	0.50	16.7	C
4:15 PM	7	96.0	0.30	11.7	B
4:15 PM	8	97.0	0.40	14.4	B
4:15 PM	9	98.0	0.40	12.9	B
4:15 PM	10	96.0	0.30	9.6	A
3:30 PM	Avg	97.7	0.36	13.1	B
3:45 PM	Avg	96.9	0.40	15.2	C
4:00 PM	Avg	98.4	0.40	14.5	B

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	97.7	0.40	14.0	B
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	1	111.0	0.30	9.7	A
3:30 PM	2	114.0	0.30	8.8	A
3:30 PM	3	112.0	0.30	9.6	A
3:30 PM	4	114.0	0.30	10.0	B
3:30 PM	5	112.0	0.30	10.0	B
3:30 PM	6	110.0	0.30	9.2	A
3:30 PM	7	114.0	0.40	11.6	B
3:30 PM	8	113.0	0.30	9.6	A
3:30 PM	9	114.0	0.30	9.0	A
3:30 PM	10	114.0	0.30	10.9	B
3:45 PM	1	112.0	0.30	10.7	B
3:45 PM	2	114.0	0.30	10.3	B
3:45 PM	3	112.0	0.40	12.1	B
3:45 PM	4	109.0	0.30	10.4	B
3:45 PM	5	113.0	0.30	9.2	A
3:45 PM	6	114.0	0.30	9.7	A
3:45 PM	7	112.0	0.30	8.7	A
3:45 PM	8	111.0	0.30	10.0	A
3:45 PM	9	111.0	0.30	9.2	A
3:45 PM	10	111.0	0.30	10.2	B
4:00 PM	1	113.0	0.40	11.6	B
4:00 PM	2	111.0	0.30	9.3	A
4:00 PM	3	113.0	0.40	12.4	B
4:00 PM	4	117.0	0.30	10.7	B
4:00 PM	5	111.0	0.30	10.9	B
4:00 PM	6	113.0	0.30	9.2	A
4:00 PM	7	114.0	0.40	11.1	B
4:00 PM	8	117.0	0.40	11.6	B
4:00 PM	9	114.0	0.30	10.0	A
4:00 PM	10	114.0	0.30	10.9	B
4:15 PM	1	112.0	0.40	11.4	B
4:15 PM	2	114.0	0.30	10.4	B
4:15 PM	3	113.0	0.30	9.5	A
4:15 PM	4	113.0	0.30	8.8	A
4:15 PM	5	117.0	0.40	12.0	B
4:15 PM	6	112.0	0.30	10.9	B
4:15 PM	7	113.0	0.30	10.4	B
4:15 PM	8	112.0	0.30	10.3	B
4:15 PM	9	112.0	0.40	12.1	B
4:15 PM	10	112.0	0.30	9.4	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	112.8	0.31	9.8	A
3:45 PM	Avg	111.9	0.31	10.0	B
4:00 PM	Avg	113.7	0.34	10.7	B
4:15 PM	Avg	113.0	0.33	10.5	B
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	1	93.0	0.20	8.4	A
3:30 PM	2	95.0	0.30	10.0	A
3:30 PM	3	98.0	0.30	9.8	A
3:30 PM	4	95.0	0.30	10.8	B
3:30 PM	5	93.0	0.20	9.1	A
3:30 PM	6	95.0	0.30	12.0	B
3:30 PM	7	100.0	0.30	10.0	B
3:30 PM	8	95.0	0.30	10.5	B
3:30 PM	9	94.0	0.20	9.3	A
3:30 PM	10	94.0	0.20	8.8	A
3:45 PM	1	97.0	0.30	10.1	B
3:45 PM	2	95.0	0.30	9.9	A
3:45 PM	3	96.0	0.30	9.4	A
3:45 PM	4	95.0	0.30	9.9	A
3:45 PM	5	97.0	0.30	9.3	A
3:45 PM	6	95.0	0.30	10.3	B
3:45 PM	7	94.0	0.30	10.1	B
3:45 PM	8	93.0	0.30	11.6	B
3:45 PM	9	96.0	0.30	10.4	B
3:45 PM	10	95.0	0.30	12.5	B
4:00 PM	1	95.0	0.30	11.7	B
4:00 PM	2	94.0	0.30	10.0	A
4:00 PM	3	95.0	0.30	9.8	A
4:00 PM	4	98.0	0.30	11.0	B
4:00 PM	5	94.0	0.20	8.5	A
4:00 PM	6	96.0	0.30	9.7	A
4:00 PM	7	94.0	0.20	9.0	A
4:00 PM	8	93.0	0.30	10.4	B
4:00 PM	9	94.0	0.30	10.0	A
4:00 PM	10	96.0	0.30	12.2	B
4:15 PM	1	93.0	0.30	11.1	B
4:15 PM	2	96.0	0.30	9.5	A
4:15 PM	3	96.0	0.20	9.4	A
4:15 PM	4	95.0	0.30	11.2	B
4:15 PM	5	94.0	0.30	10.9	B
4:15 PM	6	94.0	0.20	9.4	A
4:15 PM	7	96.0	0.30	13.0	B

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	97.0	0.30	10.7	B
4:15 PM	9	97.0	0.30	9.9	A
4:15 PM	10	94.0	0.30	10.4	B
3:30 PM	Avg	95.2	0.26	9.9	A
3:45 PM	Avg	95.3	0.30	10.4	B
4:00 PM	Avg	94.9	0.28	10.2	B
4:15 PM	Avg	95.2	0.28	10.6	B
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	1	71.0	0.20	11.1	B
3:30 PM	2	72.0	0.20	12.1	B
3:30 PM	3	77.0	0.20	11.5	B
3:30 PM	4	75.0	0.20	11.7	B
3:30 PM	5	73.0	0.20	10.2	B
3:30 PM	6	73.0	0.20	10.8	B
3:30 PM	7	73.0	0.20	11.5	B
3:30 PM	8	72.0	0.20	11.6	B
3:30 PM	9	70.0	0.20	11.8	B
3:30 PM	10	73.0	0.20	9.8	A
3:45 PM	1	72.0	0.20	12.0	B
3:45 PM	2	75.0	0.20	11.4	B
3:45 PM	3	71.0	0.20	11.2	B
3:45 PM	4	75.0	0.20	10.1	B
3:45 PM	5	74.0	0.20	10.6	B
3:45 PM	6	73.0	0.20	11.0	B
3:45 PM	7	75.0	0.20	11.5	B
3:45 PM	8	69.0	0.30	13.9	B
3:45 PM	9	73.0	0.30	12.7	B
3:45 PM	10	78.0	0.20	9.0	A
4:00 PM	1	76.0	0.20	10.7	B
4:00 PM	2	71.0	0.20	10.5	B
4:00 PM	3	72.0	0.20	9.4	A
4:00 PM	4	76.0	0.20	11.3	B
4:00 PM	5	76.0	0.20	10.6	B
4:00 PM	6	73.0	0.20	10.2	B
4:00 PM	7	73.0	0.30	12.8	B
4:00 PM	8	76.0	0.20	9.7	A
4:00 PM	9	73.0	0.20	11.8	B
4:00 PM	10	68.0	0.30	13.8	B
4:15 PM	1	72.0	0.20	10.8	B
4:15 PM	2	72.0	0.20	10.3	B
4:15 PM	3	70.0	0.20	10.0	B
4:15 PM	4	73.0	0.20	9.5	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	72.0	0.20	11.0	B
4:15 PM	6	72.0	0.20	9.5	A
4:15 PM	7	74.0	0.20	10.7	B
4:15 PM	8	73.0	0.20	10.5	B
4:15 PM	9	78.0	0.20	11.2	B
4:15 PM	10	73.0	0.20	8.9	A
3:30 PM	Avg	72.9	0.20	11.2	B
3:45 PM	Avg	73.5	0.22	11.4	B
4:00 PM	Avg	73.4	0.22	11.1	B
4:15 PM	Avg	72.9	0.20	10.2	B
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	1	65.0	0.10	8.3	A
3:30 PM	2	68.0	0.10	7.8	A
3:30 PM	3	66.0	0.20	9.6	A
3:30 PM	4	63.0	0.10	8.1	A
3:30 PM	5	65.0	0.20	9.9	A
3:30 PM	6	67.0	0.20	8.4	A
3:30 PM	7	67.0	0.20	9.6	A
3:30 PM	8	63.0	0.10	7.6	A
3:30 PM	9	66.0	0.20	8.3	A
3:30 PM	10	62.0	0.10	7.0	A
3:45 PM	1	69.0	0.20	9.1	A
3:45 PM	2	63.0	0.10	8.5	A
3:45 PM	3	64.0	0.20	8.5	A
3:45 PM	4	64.0	0.10	8.0	A
3:45 PM	5	67.0	0.10	7.9	A
3:45 PM	6	65.0	0.10	7.2	A
3:45 PM	7	63.0	0.10	8.3	A
3:45 PM	8	66.0	0.10	7.4	A
3:45 PM	9	61.0	0.10	8.0	A
3:45 PM	10	58.0	0.10	8.1	A
4:00 PM	1	59.0	0.20	9.8	A
4:00 PM	2	65.0	0.10	7.6	A
4:00 PM	3	67.0	0.10	8.0	A
4:00 PM	4	61.0	0.10	8.2	A
4:00 PM	5	61.0	0.10	7.9	A
4:00 PM	6	64.0	0.10	7.7	A
4:00 PM	7	62.0	0.10	8.1	A
4:00 PM	8	64.0	0.10	8.0	A
4:00 PM	9	68.0	0.20	8.2	A
4:00 PM	10	71.0	0.20	8.9	A
4:15 PM	1	68.0	0.20	9.5	A

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	65.0	0.20	9.1	A
4:15 PM	3	68.0	0.20	8.1	A
4:15 PM	4	66.0	0.20	8.6	A
4:15 PM	5	65.0	0.10	7.8	A
4:15 PM	6	67.0	0.10	7.2	A
4:15 PM	7	65.0	0.20	8.6	A
4:15 PM	8	66.0	0.20	8.6	A
4:15 PM	9	60.0	0.10	8.8	A
4:15 PM	10	65.0	0.20	8.5	A
3:30 PM	Avg	65.2	0.15	8.5	A
3:45 PM	Avg	64.0	0.12	8.1	A
4:00 PM	Avg	64.2	0.13	8.2	A
4:15 PM	Avg	65.5	0.17	8.5	A

WB T on LAKE AVE NW: Lane ID 274843

3:30 PM	1	195.0	0.80	14.0	B
3:30 PM	2	184.0	0.80	15.6	C
3:30 PM	3	181.0	0.70	13.8	B
3:30 PM	4	181.0	0.70	13.3	B
3:30 PM	5	196.0	0.90	15.7	C
3:30 PM	6	193.0	0.70	13.6	B
3:30 PM	7	188.0	0.60	12.4	B
3:30 PM	8	196.0	1.00	17.7	C
3:30 PM	9	191.0	0.80	14.4	B
3:30 PM	10	179.0	0.70	14.7	B
3:45 PM	1	186.0	0.80	15.7	C
3:45 PM	2	189.0	0.90	17.1	C
3:45 PM	3	194.0	0.70	12.6	B
3:45 PM	4	195.0	0.80	14.8	B
3:45 PM	5	187.0	0.60	11.1	B
3:45 PM	6	187.0	0.60	12.4	B
3:45 PM	7	187.0	0.50	10.3	B
3:45 PM	8	188.0	0.90	16.9	C
3:45 PM	9	191.0	0.80	15.1	C
3:45 PM	10	193.0	0.70	13.4	B
4:00 PM	1	188.0	0.70	13.3	B
4:00 PM	2	187.0	0.70	12.6	B
4:00 PM	3	184.0	0.60	12.7	B
4:00 PM	4	184.0	0.70	13.2	B
4:00 PM	5	189.0	0.70	13.2	B
4:00 PM	6	186.0	0.90	17.8	C
4:00 PM	7	191.0	0.70	12.9	B
4:00 PM	8	182.0	0.60	11.2	B

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	9	190.0	0.70	12.9	B
4:00 PM	10	186.0	0.90	18.1	C
4:15 PM	1	187.0	0.90	17.3	C
4:15 PM	2	186.0	1.20	24.0	C
4:15 PM	3	187.0	0.80	15.0	C
4:15 PM	4	188.0	0.70	13.8	B
4:15 PM	5	189.0	0.70	12.7	B
4:15 PM	6	188.0	0.90	18.0	C
4:15 PM	7	185.0	0.80	16.0	C
4:15 PM	8	190.0	0.80	15.8	C
4:15 PM	9	189.0	0.60	10.7	B
4:15 PM	10	189.0	0.70	14.1	B
3:30 PM	Avg	188.4	0.77	14.5	B
3:45 PM	Avg	189.7	0.73	13.9	B
4:00 PM	Avg	186.7	0.72	13.8	B
4:15 PM	Avg	187.8	0.81	15.7	C

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	0.2	0.0	0.2	0.3	10
3:45 PM	0.2	0.0	0.2	0.2	10
4:00 PM	0.2	0.0	0.2	0.3	10
4:15 PM	0.2	0.1	0.2	0.3	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	0.4	0.1	0.3	0.6	10
3:45 PM	0.4	0.1	0.3	0.7	10
4:00 PM	0.5	0.2	0.3	0.8	10
4:15 PM	0.4	0.1	0.3	0.6	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	0.4	0.1	0.2	0.6	10
3:45 PM	0.3	0.1	0.2	0.5	10
4:00 PM	0.3	0.1	0.2	0.5	10
4:15 PM	0.4	0.2	0.2	1.0	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	0.4	0.1	0.3	0.6	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.4	0.1	0.3	0.6	10
4:15 PM	0.4	0.2	0.3	0.9	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	0.4	0.1	0.2	0.4	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.4	0.1	0.3	0.6	10
4:15 PM	0.4	0.1	0.3	0.5	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	0.3	0.0	0.3	0.4	10
3:45 PM	0.3	0.0	0.3	0.4	10
4:00 PM	0.3	0.1	0.3	0.4	10
4:15 PM	0.3	0.0	0.3	0.4	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	0.3	0.1	0.2	0.3	10
3:45 PM	0.3	0.0	0.3	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.0	0.2	0.3	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	0.2	0.0	0.2	0.2	10
3:45 PM	0.2	0.0	0.2	0.3	10
4:00 PM	0.2	0.0	0.2	0.3	10
4:15 PM	0.2	0.0	0.2	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	0.2	0.1	0.1	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.1	0.0	0.1	0.2	10
4:15 PM	0.2	0.0	0.1	0.2	10
WB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	0.8	0.1	0.6	1.0	10
3:45 PM	0.7	0.1	0.5	0.9	10
4:00 PM	0.7	0.1	0.6	0.9	10
4:15 PM	0.8	0.2	0.6	1.2	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	5.4	0.4	4.5	6.1	10
3:45 PM	5.3	0.5	4.9	6.6	10
4:00 PM	5.5	0.4	5.0	6.2	10
4:15 PM	5.3	0.3	5.0	5.7	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	6.2	0.5	5.5	6.8	10
3:45 PM	5.9	0.3	5.6	6.2	10
4:00 PM	6.1	0.5	5.5	6.8	10
4:15 PM	6.5	0.4	5.8	7.1	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	19.6	4.5	13.2	28.7	10
3:45 PM	21.2	5.6	15.3	34.3	10
4:00 PM	22.9	7.7	15.3	40.6	10
4:15 PM	21.8	6.1	16.7	31.3	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	12.5	3.9	8.2	18.6	10
3:45 PM	11.0	2.4	9.0	16.9	10
4:00 PM	10.5	2.8	8.3	17.7	10
4:15 PM	14.3	8.2	7.5	35.4	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	11.1	2.4	7.5	15.8	10
3:45 PM	10.4	1.1	7.9	12.2	10
4:00 PM	10.4	2.2	7.8	15.4	10
4:15 PM	10.5	3.9	7.4	21.1	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	13.1	2.2	8.5	16.1	10
3:45 PM	15.2	3.1	11.1	20.1	10
4:00 PM	14.5	2.9	11.5	21.8	10
4:15 PM	14.0	2.4	9.6	16.7	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274813					
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	9.8	0.8	8.8	11.6	10
3:45 PM	10.0	1.0	8.7	12.1	10
4:00 PM	10.7	1.0	9.2	12.4	10
4:15 PM	10.5	1.1	8.8	12.1	10
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	9.9	1.1	8.4	12.0	10
3:45 PM	10.4	1.0	9.3	12.5	10
4:00 PM	10.2	1.1	8.5	12.2	10
4:15 PM	10.6	1.1	9.4	13.0	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	11.2	0.7	9.8	12.1	10
3:45 PM	11.4	1.4	9.0	13.9	10
4:00 PM	11.1	1.4	9.4	13.8	10
4:15 PM	10.2	0.8	8.9	11.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	8.5	1.0	7.0	9.9	10
3:45 PM	8.1	0.5	7.2	9.1	10
4:00 PM	8.2	0.7	7.6	9.8	10
4:15 PM	8.5	0.7	7.2	9.5	10
WB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	14.5	1.5	12.4	17.7	10
3:45 PM	13.9	2.4	10.3	17.1	10
4:00 PM	13.8	2.3	11.2	18.1	10
4:15 PM	15.7	3.6	10.7	24.0	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
3:30 PM	1	30.0	2.0	0.1	11.8	0.5	0.0%
3:30 PM	2	30.0	2.1	0.1	16.8	1.0	0.0%
3:30 PM	3	30.0	1.6	0.1	13.9	1.0	0.0%
3:30 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	1.0	0.1	8.3	0.5	0.0%
3:30 PM	6	30.0	0.6	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	2.4	0.1	18.7	1.0	0.0%
3:30 PM	8	30.0	2.6	0.2	16.7	1.0	0.0%
3:30 PM	9	30.0	1.8	0.1	17.2	1.0	0.0%
3:30 PM	10	30.0	1.1	0.1	7.6	0.5	0.0%
3:45 PM	1	30.0	3.4	0.2	21.0	1.0	0.0%
3:45 PM	2	30.0	3.2	0.1	24.1	1.1	0.0%
3:45 PM	3	30.0	2.3	0.1	17.3	1.0	0.0%
3:45 PM	4	30.0	2.9	0.2	15.7	1.0	0.0%
3:45 PM	5	30.0	2.4	0.1	0.0	0.0	0.0%
3:45 PM	6	30.0	5.4	0.3	43.2	2.0	0.0%
3:45 PM	7	30.0	1.8	0.1	16.3	1.0	0.0%
3:45 PM	8	30.0	1.2	0.1	8.9	0.5	0.0%
3:45 PM	9	30.0	1.5	0.1	14.0	1.0	0.0%
3:45 PM	10	30.0	2.0	0.1	16.4	1.0	0.0%
4:00 PM	1	30.0	1.4	0.1	0.0	0.0	0.0%
4:00 PM	2	30.0	1.0	0.1	8.4	0.5	0.0%
4:00 PM	3	30.0	2.3	0.1	16.6	1.0	0.0%
4:00 PM	4	30.0	4.2	0.1	32.5	1.0	0.0%
4:00 PM	5	30.0	6.0	0.3	34.4	1.5	0.0%
4:00 PM	6	30.0	1.1	0.1	8.9	0.5	0.0%
4:00 PM	7	30.0	1.8	0.1	17.3	1.0	0.0%
4:00 PM	8	30.0	2.2	0.1	15.9	1.0	0.0%
4:00 PM	9	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	2.6	0.1	21.7	1.0	0.0%
4:15 PM	1	29.0	0.9	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.6	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	2.1	0.1	15.0	1.0	0.0%
4:15 PM	4	29.0	1.7	0.1	16.1	1.0	0.0%
4:15 PM	5	29.0	2.0	0.1	18.9	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	3.5	0.2	17.6	1.0	0.0%
4:15 PM	7	29.0	0.5	0.0	0.0	0.0	0.0%
4:15 PM	8	29.0	3.3	0.2	15.8	1.0	0.0%
4:15 PM	9	29.0	0.7	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	2.7	0.1	20.0	1.0	0.0%
3:30 PM	Avg	30.0	1.5	0.1	11.1	0.7	0.0%
3:45 PM	Avg	30.0	2.6	0.1	17.7	1.0	0.0%
4:00 PM	Avg	30.0	2.3	0.1	15.6	0.8	0.0%
4:15 PM	Avg	29.0	1.8	0.1	10.3	0.6	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
3:30 PM	1	30.0	1.8	0.1	17.3	1.0	0.0%
3:30 PM	2	30.0	13.3	0.5	50.4	2.0	0.0%
3:30 PM	3	30.0	2.1	0.1	10.4	0.5	0.0%
3:30 PM	4	30.0	1.9	0.1	16.5	1.0	0.0%
3:30 PM	5	30.0	8.4	0.3	44.9	2.0	0.0%
3:30 PM	6	30.0	4.0	0.2	31.2	1.5	0.0%
3:30 PM	7	30.0	3.5	0.2	22.0	1.0	0.0%
3:30 PM	8	30.0	6.2	0.3	36.2	1.5	0.0%
3:30 PM	9	30.0	2.7	0.1	19.5	1.0	0.0%
3:30 PM	10	30.0	4.9	0.2	39.9	1.5	0.0%
3:45 PM	1	30.0	5.7	0.3	35.3	1.5	0.0%
3:45 PM	2	30.0	1.8	0.1	16.9	1.0	0.0%
3:45 PM	3	30.0	3.6	0.2	22.1	1.0	0.0%
3:45 PM	4	30.0	7.9	0.4	50.5	2.0	0.0%
3:45 PM	5	30.0	5.9	0.3	34.5	1.5	0.0%
3:45 PM	6	30.0	2.8	0.2	17.0	1.0	0.0%
3:45 PM	7	30.0	5.3	0.2	34.0	1.0	0.0%
3:45 PM	8	30.0	2.9	0.1	19.3	1.0	0.0%
3:45 PM	9	30.0	9.2	0.4	52.9	2.5	0.0%
3:45 PM	10	30.0	9.7	0.5	45.0	2.0	0.0%
4:00 PM	1	30.0	2.6	0.1	17.9	1.0	0.0%
4:00 PM	2	30.0	5.7	0.3	21.0	1.0	0.0%
4:00 PM	3	30.0	5.1	0.3	20.4	1.0	0.0%
4:00 PM	4	30.0	3.5	0.2	14.5	1.0	0.0%
4:00 PM	5	30.0	5.7	0.3	36.9	1.5	0.0%
4:00 PM	6	30.0	2.9	0.1	17.7	1.0	0.0%
4:00 PM	7	30.0	11.2	0.5	49.5	2.0	0.0%
4:00 PM	8	30.0	9.7	0.4	59.3	2.5	0.0%
4:00 PM	9	30.0	6.5	0.3	34.3	1.0	0.0%
4:00 PM	10	30.0	6.5	0.3	36.1	1.5	0.0%
4:15 PM	1	29.0	5.6	0.2	27.0	1.0	0.0%
4:15 PM	2	29.0	10.3	0.4	49.1	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	4.9	0.2	18.8	1.0	0.0%
4:15 PM	4	29.0	8.9	0.3	41.4	2.0	0.0%
4:15 PM	5	29.0	4.9	0.2	33.2	1.6	0.0%
4:15 PM	6	29.0	3.2	0.2	18.5	1.0	0.0%
4:15 PM	7	29.0	6.0	0.2	47.7	1.0	0.0%
4:15 PM	8	29.0	5.5	0.2	38.4	1.6	0.0%
4:15 PM	9	29.0	3.6	0.2	21.3	1.0	0.0%
4:15 PM	10	29.0	10.5	0.5	62.9	2.2	0.0%
3:30 PM	Avg	30.0	4.9	0.2	28.8	1.3	0.0%
3:45 PM	Avg	30.0	5.5	0.3	32.8	1.5	0.0%
4:00 PM	Avg	30.0	5.9	0.3	30.8	1.4	0.0%
4:15 PM	Avg	29.0	6.3	0.3	35.8	1.4	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
3:30 PM	1	30.0	28.7	1.2	85.4	3.0	0.0%
3:30 PM	2	30.0	32.1	1.4	90.1	4.0	0.0%
3:30 PM	3	30.0	36.5	1.6	87.0	3.5	0.0%
3:30 PM	4	30.0	23.4	0.9	85.2	2.5	0.0%
3:30 PM	5	30.0	17.0	0.7	53.4	2.0	0.0%
3:30 PM	6	30.0	27.6	1.0	89.9	3.0	0.0%
3:30 PM	7	30.0	45.1	1.7	176.5	7.0	0.0%
3:30 PM	8	30.0	33.2	1.4	85.2	3.0	0.0%
3:30 PM	9	30.0	13.9	0.6	74.0	2.5	0.0%
3:30 PM	10	30.0	36.9	1.3	134.9	4.5	0.0%
3:45 PM	1	30.0	22.9	0.9	85.2	3.0	0.0%
3:45 PM	2	30.0	27.1	1.1	91.1	3.0	0.0%
3:45 PM	3	30.0	56.1	2.2	153.1	5.5	0.0%
3:45 PM	4	30.0	32.9	1.3	104.2	4.0	0.0%
3:45 PM	5	30.0	17.5	0.7	85.2	3.0	0.0%
3:45 PM	6	30.0	32.6	1.3	121.9	3.5	0.0%
3:45 PM	7	30.0	19.9	0.8	85.2	3.0	0.0%
3:45 PM	8	30.0	23.4	1.0	85.2	3.0	0.0%
3:45 PM	9	30.0	38.9	1.4	154.3	5.5	0.0%
3:45 PM	10	30.0	38.2	1.5	104.6	4.0	0.0%
4:00 PM	1	30.0	38.7	1.4	95.9	4.0	0.0%
4:00 PM	2	30.0	38.3	1.4	107.9	4.0	0.0%
4:00 PM	3	30.0	67.9	2.5	206.4	6.5	0.0%
4:00 PM	4	30.0	20.7	0.8	85.2	3.0	0.0%
4:00 PM	5	30.0	56.5	2.0	174.2	6.0	0.0%
4:00 PM	6	30.0	35.6	1.3	86.9	3.0	0.0%
4:00 PM	7	30.0	35.0	1.4	101.3	4.0	0.0%
4:00 PM	8	30.0	24.0	1.0	85.2	3.0	0.0%
4:00 PM	9	30.0	18.1	0.9	73.0	3.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	34.3	1.4	85.2	3.0	0.0%
4:15 PM	1	29.0	33.3	1.3	122.1	3.6	0.0%
4:15 PM	2	29.0	25.0	1.1	92.6	4.0	0.0%
4:15 PM	3	29.0	47.8	1.8	137.5	5.0	0.0%
4:15 PM	4	29.0	21.4	1.0	92.1	3.8	0.0%
4:15 PM	5	29.0	49.3	2.0	121.9	4.6	0.0%
4:15 PM	6	29.0	31.9	1.3	114.1	4.0	0.0%
4:15 PM	7	29.0	18.5	0.8	79.1	2.6	0.0%
4:15 PM	8	29.0	14.5	0.7	47.3	2.0	0.0%
4:15 PM	9	29.0	45.4	1.6	136.3	4.0	0.0%
4:15 PM	10	29.0	19.8	0.9	96.1	3.6	0.0%
3:30 PM	Avg	30.0	29.4	1.2	96.2	3.5	0.0%
3:45 PM	Avg	30.0	31.0	1.2	107.0	3.8	0.0%
4:00 PM	Avg	30.0	36.9	1.4	110.1	4.0	0.0%
4:15 PM	Avg	29.0	30.7	1.3	103.9	3.7	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
3:30 PM	1	30.0	25.8	1.1	145.1	5.5	0.0%
3:30 PM	2	30.0	20.0	0.9	97.1	3.5	0.0%
3:30 PM	3	30.0	11.8	0.5	47.4	2.0	0.0%
3:30 PM	4	30.0	11.3	0.5	45.7	2.0	0.0%
3:30 PM	5	30.0	12.6	0.6	87.3	3.6	0.0%
3:30 PM	6	30.0	22.5	0.9	76.1	3.0	0.0%
3:30 PM	7	30.0	16.4	0.7	66.4	2.5	0.0%
3:30 PM	8	30.0	33.0	1.2	152.0	4.5	0.0%
3:30 PM	9	30.0	16.3	0.7	73.2	3.0	0.0%
3:30 PM	10	30.0	19.2	0.8	82.7	3.5	0.0%
3:45 PM	1	30.0	19.9	0.8	65.8	2.0	0.0%
3:45 PM	2	30.0	30.3	1.1	125.8	4.0	0.0%
3:45 PM	3	30.0	21.0	0.8	115.0	3.0	0.0%
3:45 PM	4	30.0	10.9	0.5	43.3	2.0	0.0%
3:45 PM	5	30.0	12.1	0.6	73.0	3.0	0.0%
3:45 PM	6	30.0	10.6	0.4	46.9	2.0	0.0%
3:45 PM	7	30.0	7.9	0.3	40.3	1.5	0.0%
3:45 PM	8	30.0	21.6	0.8	85.8	2.0	0.0%
3:45 PM	9	30.0	8.3	0.4	37.2	1.5	0.0%
3:45 PM	10	30.0	40.2	1.5	156.8	5.5	0.0%
4:00 PM	1	30.0	10.1	0.5	45.9	2.0	0.0%
4:00 PM	2	30.0	12.4	0.5	74.7	3.0	0.0%
4:00 PM	3	30.0	9.8	0.4	45.0	2.0	0.0%
4:00 PM	4	30.0	5.7	0.3	40.3	1.5	0.0%
4:00 PM	5	30.0	16.8	0.7	59.8	2.5	0.0%
4:00 PM	6	30.0	15.7	0.6	103.1	3.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	21.6	0.8	80.8	3.0	0.0%
4:00 PM	8	30.0	20.3	0.8	103.6	2.5	0.0%
4:00 PM	9	30.0	5.0	0.2	33.1	1.5	0.0%
4:00 PM	10	30.0	35.5	1.4	164.9	6.0	0.0%
4:15 PM	1	29.0	39.5	1.4	179.4	5.8	0.0%
4:15 PM	2	29.0	83.9	3.1	245.1	9.0	0.0%
4:15 PM	3	29.0	15.4	0.7	78.2	3.0	0.0%
4:15 PM	4	29.0	10.4	0.4	54.3	2.0	0.0%
4:15 PM	5	29.0	10.4	0.4	51.8	2.0	0.0%
4:15 PM	6	29.0	35.7	1.4	132.9	4.6	0.0%
4:15 PM	7	29.0	29.9	1.2	109.5	4.0	0.0%
4:15 PM	8	29.0	21.5	0.8	86.8	3.0	0.0%
4:15 PM	9	29.0	6.6	0.3	44.1	2.0	0.0%
4:15 PM	10	29.0	11.6	0.4	63.0	1.6	0.0%
3:30 PM	Avg	30.0	18.9	0.8	87.3	3.3	0.0%
3:45 PM	Avg	30.0	18.3	0.7	79.0	2.7	0.0%
4:00 PM	Avg	30.0	15.3	0.6	75.1	2.8	0.0%
4:15 PM	Avg	29.0	26.5	1.0	104.5	3.7	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
3:30 PM	1	30.0	29.8	1.0	143.1	4.5	0.0%
3:30 PM	2	30.0	34.4	1.1	120.9	3.0	0.0%
3:30 PM	3	30.0	54.6	1.9	211.7	6.5	0.0%
3:30 PM	4	30.0	26.2	0.9	90.0	3.0	0.0%
3:30 PM	5	30.0	43.4	1.7	151.0	5.5	0.0%
3:30 PM	6	30.0	19.3	0.8	74.5	2.5	0.0%
3:30 PM	7	30.0	29.3	1.0	142.2	4.1	0.0%
3:30 PM	8	30.0	55.1	1.8	230.3	6.5	0.0%
3:30 PM	9	30.0	22.5	0.9	93.2	3.5	0.0%
3:30 PM	10	30.0	25.3	1.0	106.4	4.0	0.0%
3:45 PM	1	30.0	19.6	0.7	103.0	3.0	0.0%
3:45 PM	2	30.0	19.3	0.8	83.7	3.0	0.0%
3:45 PM	3	30.0	24.4	0.9	128.8	4.1	0.0%
3:45 PM	4	30.0	28.9	1.2	87.6	3.0	0.0%
3:45 PM	5	30.0	24.1	0.9	94.3	3.5	0.0%
3:45 PM	6	30.0	20.5	0.7	94.2	3.0	0.0%
3:45 PM	7	30.0	21.3	0.8	85.6	3.0	0.0%
3:45 PM	8	30.0	25.0	0.9	95.9	3.6	0.0%
3:45 PM	9	30.0	43.1	1.5	147.8	5.0	0.0%
3:45 PM	10	30.0	45.9	1.6	192.0	5.5	0.0%
4:00 PM	1	30.0	19.7	0.8	93.7	3.1	0.0%
4:00 PM	2	30.0	21.4	0.9	68.5	2.5	0.0%
4:00 PM	3	30.0	21.3	0.8	109.1	4.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	23.6	1.0	118.7	4.5	0.0%
4:00 PM	5	30.0	32.7	1.2	113.4	4.0	0.0%
4:00 PM	6	30.0	24.2	0.9	123.3	4.6	0.0%
4:00 PM	7	30.0	35.0	1.2	121.4	3.5	0.0%
4:00 PM	8	30.0	38.3	1.3	156.7	4.0	0.0%
4:00 PM	9	30.0	41.4	1.5	187.5	6.1	0.0%
4:00 PM	10	30.0	43.2	1.5	196.4	6.0	0.0%
4:15 PM	1	29.0	17.6	0.6	96.4	3.0	0.0%
4:15 PM	2	29.0	55.9	1.9	199.3	7.0	0.0%
4:15 PM	3	29.0	23.5	0.9	100.6	3.6	0.0%
4:15 PM	4	29.0	37.8	1.4	141.2	5.0	0.0%
4:15 PM	5	29.0	19.5	0.8	106.4	4.0	0.0%
4:15 PM	6	29.0	15.6	0.6	70.8	2.6	0.0%
4:15 PM	7	29.0	25.1	1.0	131.4	5.2	0.0%
4:15 PM	8	29.0	26.4	0.9	127.6	3.6	0.0%
4:15 PM	9	29.0	29.8	1.1	120.0	3.0	0.0%
4:15 PM	10	29.0	23.7	0.9	99.8	3.0	0.0%
3:30 PM	Avg	30.0	34.0	1.2	136.3	4.3	0.0%
3:45 PM	Avg	30.0	27.2	1.0	111.3	3.7	0.0%
4:00 PM	Avg	30.0	30.1	1.1	128.9	4.2	0.0%
4:15 PM	Avg	29.0	27.5	1.0	119.4	4.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274813							
3:30 PM	1	30.0	28.1	1.1	83.8	2.5	0.0%
3:30 PM	2	30.0	34.7	1.3	134.1	4.5	0.0%
3:30 PM	3	30.0	20.8	0.9	68.5	2.5	0.0%
3:30 PM	4	30.0	23.5	1.1	73.0	3.0	0.0%
3:30 PM	5	30.0	25.4	1.0	93.3	3.5	0.0%
3:30 PM	6	30.0	25.4	1.1	104.0	4.1	0.0%
3:30 PM	7	30.0	41.1	1.3	154.4	4.0	0.0%
3:30 PM	8	30.0	31.7	1.3	143.4	5.0	0.0%
3:30 PM	9	30.0	18.7	0.8	71.7	3.0	0.0%
3:30 PM	10	30.0	12.4	0.5	70.8	2.5	0.0%
3:45 PM	1	30.0	20.8	0.8	83.3	3.0	0.0%
3:45 PM	2	30.0	35.5	1.4	141.1	4.5	0.0%
3:45 PM	3	30.0	19.9	0.8	82.9	2.5	0.0%
3:45 PM	4	30.0	41.3	1.6	130.5	4.5	0.0%
3:45 PM	5	30.0	26.2	1.1	93.9	3.0	0.0%
3:45 PM	6	30.0	20.9	0.9	75.1	3.0	0.0%
3:45 PM	7	30.0	50.8	2.0	165.9	6.1	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	26.0	1.1	78.1	3.0	0.0%
3:45 PM	9	30.0	47.2	1.7	131.6	4.5	0.0%
3:45 PM	10	30.0	22.3	1.0	90.8	3.0	0.0%
4:00 PM	1	30.0	36.5	1.5	117.3	4.5	0.0%
4:00 PM	2	30.0	25.2	1.0	80.7	3.0	0.0%
4:00 PM	3	30.0	22.5	0.9	96.2	3.5	0.0%
4:00 PM	4	30.0	40.5	1.4	165.0	5.0	0.0%
4:00 PM	5	30.0	31.3	1.2	106.6	4.0	0.0%
4:00 PM	6	30.0	32.2	1.3	88.0	3.0	0.0%
4:00 PM	7	30.0	44.7	1.7	166.3	5.5	0.0%
4:00 PM	8	30.0	15.5	0.7	53.8	2.5	0.0%
4:00 PM	9	30.0	16.0	0.7	74.1	3.1	0.0%
4:00 PM	10	30.0	22.5	0.9	94.6	3.0	0.0%
4:15 PM	1	29.0	43.2	1.5	155.2	4.0	0.0%
4:15 PM	2	29.0	34.9	1.2	113.5	3.6	0.0%
4:15 PM	3	29.0	24.2	1.0	88.3	3.6	0.0%
4:15 PM	4	29.0	38.2	1.5	124.3	5.0	0.0%
4:15 PM	5	29.0	33.0	1.3	105.7	4.0	0.0%
4:15 PM	6	29.0	46.8	1.7	151.8	5.0	0.0%
4:15 PM	7	29.0	14.7	0.6	67.8	2.6	0.0%
4:15 PM	8	29.0	25.7	1.0	100.2	3.6	0.0%
4:15 PM	9	29.0	25.1	1.1	87.8	3.6	0.0%
4:15 PM	10	29.0	24.4	1.0	77.5	3.0	0.0%
3:30 PM	Avg	30.0	26.2	1.0	99.7	3.5	0.0%
3:45 PM	Avg	30.0	31.1	1.2	107.3	3.7	0.0%
4:00 PM	Avg	30.0	28.7	1.1	104.3	3.7	0.0%
4:15 PM	Avg	29.0	31.0	1.2	107.2	3.8	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
3:30 PM	1	30.0	13.1	0.6	50.4	2.0	0.0%
3:30 PM	2	30.0	11.7	0.6	48.4	2.0	0.0%
3:30 PM	3	30.0	12.0	0.5	46.4	2.0	0.0%
3:30 PM	4	30.0	14.4	0.6	49.3	2.0	0.0%
3:30 PM	5	30.0	8.3	0.4	50.4	2.0	0.0%
3:30 PM	6	30.0	9.5	0.4	40.2	2.0	0.0%
3:30 PM	7	30.0	27.0	1.0	97.3	3.5	0.0%
3:30 PM	8	30.0	10.5	0.5	47.9	2.0	0.0%
3:30 PM	9	30.0	11.0	0.5	41.0	2.0	0.0%
3:30 PM	10	30.0	17.8	0.7	73.7	2.5	0.0%
3:45 PM	1	30.0	12.6	0.6	48.8	2.0	0.0%
3:45 PM	2	30.0	21.1	0.8	67.4	3.0	0.0%
3:45 PM	3	30.0	13.4	0.6	77.9	3.1	0.0%
3:45 PM	4	30.0	17.8	0.8	80.9	2.5	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	11.6	0.4	57.0	2.5	0.0%
3:45 PM	6	30.0	12.2	0.5	49.7	2.0	0.0%
3:45 PM	7	30.0	12.2	0.5	49.3	2.0	0.0%
3:45 PM	8	30.0	10.4	0.4	51.0	2.0	0.0%
3:45 PM	9	30.0	8.9	0.4	55.4	2.0	0.0%
3:45 PM	10	30.0	14.4	0.6	52.8	2.0	0.0%
4:00 PM	1	30.0	20.1	0.8	84.7	2.5	0.0%
4:00 PM	2	30.0	13.4	0.6	71.7	2.5	0.0%
4:00 PM	3	30.0	16.5	0.7	77.2	2.6	0.0%
4:00 PM	4	30.0	18.0	0.7	71.2	2.0	0.0%
4:00 PM	5	30.0	22.4	0.9	79.1	3.0	0.0%
4:00 PM	6	30.0	11.7	0.5	56.9	2.0	0.0%
4:00 PM	7	30.0	17.6	0.7	101.8	3.0	0.0%
4:00 PM	8	30.0	10.8	0.5	48.7	2.1	0.0%
4:00 PM	9	30.0	16.0	0.7	68.7	3.0	0.0%
4:00 PM	10	30.0	16.7	0.7	71.9	3.0	0.0%
4:15 PM	1	29.0	23.5	0.9	88.5	3.0	0.0%
4:15 PM	2	29.0	20.8	0.8	71.1	2.6	0.0%
4:15 PM	3	29.0	14.9	0.7	55.9	2.0	0.0%
4:15 PM	4	29.0	13.9	0.7	51.6	2.0	0.0%
4:15 PM	5	29.0	19.5	0.8	76.1	2.6	0.0%
4:15 PM	6	29.0	19.6	0.8	79.0	2.6	0.0%
4:15 PM	7	29.0	10.8	0.4	68.7	2.6	0.0%
4:15 PM	8	29.0	20.3	0.9	75.0	3.0	0.0%
4:15 PM	9	29.0	21.4	0.8	85.9	3.0	0.0%
4:15 PM	10	29.0	9.3	0.4	40.5	2.0	0.0%
3:30 PM	Avg	30.0	13.5	0.6	54.5	2.2	0.0%
3:45 PM	Avg	30.0	13.5	0.6	59.0	2.3	0.0%
4:00 PM	Avg	30.0	16.3	0.7	73.2	2.6	0.0%
4:15 PM	Avg	29.0	17.4	0.7	69.2	2.5	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274851							
3:30 PM	1	30.0	13.4	0.6	59.7	2.5	0.0%
3:30 PM	2	30.0	16.5	0.7	70.7	2.5	0.0%
3:30 PM	3	30.0	11.5	0.5	59.7	2.0	0.0%
3:30 PM	4	30.0	20.9	0.8	74.0	2.5	0.0%
3:30 PM	5	30.0	6.0	0.3	21.8	1.0	0.0%
3:30 PM	6	30.0	13.4	0.5	61.8	2.0	0.0%
3:30 PM	7	30.0	15.4	0.7	44.9	2.0	0.0%
3:30 PM	8	30.0	10.5	0.5	42.6	2.0	0.0%
3:30 PM	9	30.0	14.0	0.6	63.5	2.5	0.0%
3:30 PM	10	30.0	5.1	0.2	25.8	1.0	0.0%
3:45 PM	1	30.0	5.5	0.3	27.0	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	13.4	0.5	73.7	3.0	0.0%
3:45 PM	3	30.0	8.4	0.3	45.8	1.5	0.0%
3:45 PM	4	30.0	13.8	0.6	55.5	2.5	0.0%
3:45 PM	5	30.0	9.9	0.4	57.3	2.5	0.0%
3:45 PM	6	30.0	17.1	0.7	72.8	2.5	0.0%
3:45 PM	7	30.0	14.7	0.6	70.1	2.5	0.0%
3:45 PM	8	30.0	18.9	0.8	73.7	3.0	0.0%
3:45 PM	9	30.0	15.3	0.6	59.0	2.0	0.0%
3:45 PM	10	30.0	24.0	0.8	95.1	2.5	0.0%
4:00 PM	1	30.0	17.1	0.7	71.6	3.0	0.0%
4:00 PM	2	30.0	15.1	0.6	54.1	2.0	0.0%
4:00 PM	3	30.0	15.7	0.6	52.8	2.0	0.0%
4:00 PM	4	30.0	16.1	0.7	49.2	2.0	0.0%
4:00 PM	5	30.0	12.9	0.6	42.9	2.0	0.0%
4:00 PM	6	30.0	7.1	0.3	36.4	1.5	0.0%
4:00 PM	7	30.0	8.3	0.3	42.3	1.5	0.0%
4:00 PM	8	30.0	14.1	0.5	68.0	2.5	0.0%
4:00 PM	9	30.0	19.8	0.7	75.3	2.5	0.0%
4:00 PM	10	30.0	12.5	0.4	56.6	2.0	0.0%
4:15 PM	1	29.0	15.1	0.7	68.5	3.0	0.0%
4:15 PM	2	29.0	13.4	0.6	50.0	2.0	0.0%
4:15 PM	3	29.0	5.2	0.3	19.6	1.0	0.0%
4:15 PM	4	29.0	19.1	0.8	69.6	2.6	0.0%
4:15 PM	5	29.0	16.7	0.7	68.8	2.6	0.0%
4:15 PM	6	29.0	13.7	0.5	63.2	2.0	0.0%
4:15 PM	7	29.0	28.7	1.0	131.7	4.0	0.0%
4:15 PM	8	29.0	10.9	0.5	30.4	1.0	0.0%
4:15 PM	9	29.0	12.8	0.6	54.5	2.0	0.0%
4:15 PM	10	29.0	12.1	0.4	70.1	2.0	0.0%
3:30 PM	Avg	30.0	12.7	0.5	52.5	2.0	0.0%
3:45 PM	Avg	30.0	14.1	0.6	63.0	2.3	0.0%
4:00 PM	Avg	30.0	13.9	0.5	54.9	2.1	0.0%
4:15 PM	Avg	29.0	14.8	0.6	62.6	2.2	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

3:30 PM	1	30.0	10.3	0.5	59.7	2.5	0.0%
3:30 PM	2	30.0	9.5	0.5	38.8	2.0	0.0%
3:30 PM	3	30.0	12.3	0.5	60.7	2.0	0.0%
3:30 PM	4	30.0	6.1	0.3	30.3	1.5	0.0%
3:30 PM	5	30.0	11.8	0.6	51.5	2.0	0.0%
3:30 PM	6	30.0	9.6	0.4	49.9	1.5	0.0%
3:30 PM	7	30.0	13.0	0.5	52.0	2.0	0.0%
3:30 PM	8	30.0	12.0	0.5	53.3	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	9.3	0.5	51.7	2.5	0.0%
3:30 PM	10	30.0	11.9	0.5	50.1	2.0	0.0%
3:45 PM	1	30.0	12.0	0.5	48.5	2.0	0.0%
3:45 PM	2	30.0	10.7	0.5	60.5	2.0	0.0%
3:45 PM	3	30.0	14.9	0.6	86.9	3.1	0.0%
3:45 PM	4	30.0	10.7	0.4	47.7	1.0	0.0%
3:45 PM	5	30.0	8.0	0.4	41.9	1.5	0.0%
3:45 PM	6	30.0	10.4	0.4	51.7	2.0	0.0%
3:45 PM	7	30.0	10.5	0.4	41.2	1.0	0.0%
3:45 PM	8	30.0	13.5	0.6	49.7	2.0	0.0%
3:45 PM	9	30.0	21.8	0.7	74.5	3.0	0.0%
3:45 PM	10	30.0	9.5	0.5	35.8	1.5	0.0%
4:00 PM	1	30.0	5.9	0.3	35.0	1.5	0.0%
4:00 PM	2	30.0	4.1	0.2	18.4	1.0	0.0%
4:00 PM	3	30.0	7.1	0.3	24.1	1.0	0.0%
4:00 PM	4	30.0	13.5	0.6	48.6	2.0	0.0%
4:00 PM	5	30.0	11.7	0.6	47.4	2.0	0.0%
4:00 PM	6	30.0	8.4	0.5	28.9	1.0	0.0%
4:00 PM	7	30.0	13.2	0.5	68.9	2.5	0.0%
4:00 PM	8	30.0	9.4	0.5	35.9	1.5	0.0%
4:00 PM	9	30.0	16.3	0.7	56.6	2.0	0.0%
4:00 PM	10	30.0	12.8	0.6	52.8	2.0	0.0%
4:15 PM	1	29.0	12.6	0.6	47.9	2.0	0.0%
4:15 PM	2	29.0	11.9	0.4	47.4	2.0	0.0%
4:15 PM	3	29.0	9.3	0.4	42.7	2.0	0.0%
4:15 PM	4	29.0	5.9	0.3	18.8	1.0	0.0%
4:15 PM	5	29.0	13.4	0.6	50.4	2.0	0.0%
4:15 PM	6	29.0	9.1	0.4	34.3	1.6	0.0%
4:15 PM	7	29.0	5.4	0.3	22.4	1.0	0.0%
4:15 PM	8	29.0	5.5	0.3	22.8	1.0	0.0%
4:15 PM	9	29.0	15.9	0.6	68.8	2.0	0.0%
4:15 PM	10	29.0	3.6	0.2	20.8	1.0	0.0%
3:30 PM	Avg	30.0	10.6	0.5	49.8	2.0	0.0%
3:45 PM	Avg	30.0	12.2	0.5	53.8	1.9	0.0%
4:00 PM	Avg	30.0	10.2	0.5	41.7	1.7	0.0%
4:15 PM	Avg	29.0	9.3	0.4	37.6	1.6	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

3:30 PM	1	30.0	7.9	0.4	46.8	2.0	0.0%
3:30 PM	2	30.0	4.1	0.2	17.9	1.0	0.0%
3:30 PM	3	30.0	5.5	0.3	21.9	1.0	0.0%
3:30 PM	4	30.0	3.3	0.2	19.4	1.0	0.0%
3:30 PM	5	30.0	8.1	0.4	42.2	1.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	4.4	0.2	21.4	1.0	0.0%
3:30 PM	7	30.0	10.9	0.4	61.3	1.5	0.0%
3:30 PM	8	30.0	2.6	0.1	19.5	1.0	0.0%
3:30 PM	9	30.0	6.0	0.3	27.0	1.0	0.0%
3:30 PM	10	30.0	3.4	0.2	17.2	1.0	0.0%
3:45 PM	1	30.0	7.9	0.4	35.8	1.5	0.0%
3:45 PM	2	30.0	3.3	0.2	16.6	1.0	0.0%
3:45 PM	3	30.0	10.6	0.3	61.9	1.0	0.0%
3:45 PM	4	30.0	4.0	0.2	17.8	1.0	0.0%
3:45 PM	5	30.0	5.0	0.2	34.5	1.5	0.0%
3:45 PM	6	30.0	2.8	0.1	17.5	1.0	0.0%
3:45 PM	7	30.0	6.9	0.3	45.5	1.5	0.0%
3:45 PM	8	30.0	6.6	0.3	49.1	2.0	0.0%
3:45 PM	9	30.0	6.4	0.3	34.7	1.5	0.0%
3:45 PM	10	30.0	8.4	0.4	28.9	1.0	0.0%
4:00 PM	1	30.0	4.0	0.2	18.1	1.0	0.0%
4:00 PM	2	30.0	4.2	0.2	17.9	1.0	0.0%
4:00 PM	3	30.0	4.1	0.2	26.3	1.0	0.0%
4:00 PM	4	30.0	3.6	0.2	22.8	1.0	0.0%
4:00 PM	5	30.0	5.4	0.2	28.0	1.0	0.0%
4:00 PM	6	30.0	4.1	0.2	17.6	1.0	0.0%
4:00 PM	7	30.0	5.9	0.3	41.0	2.1	0.0%
4:00 PM	8	30.0	5.8	0.3	34.8	1.5	0.0%
4:00 PM	9	30.0	7.6	0.3	46.1	1.5	0.0%
4:00 PM	10	30.0	4.9	0.3	27.3	1.0	0.0%
4:15 PM	1	29.0	4.2	0.2	17.8	1.0	0.0%
4:15 PM	2	29.0	9.9	0.3	26.6	1.0	0.0%
4:15 PM	3	29.0	9.1	0.4	41.5	2.0	0.0%
4:15 PM	4	29.0	3.5	0.2	21.2	1.0	0.0%
4:15 PM	5	29.0	3.3	0.2	19.2	1.0	0.0%
4:15 PM	6	29.0	1.8	0.1	17.0	1.0	0.0%
4:15 PM	7	29.0	4.0	0.2	18.2	1.0	0.0%
4:15 PM	8	29.0	4.9	0.2	24.5	1.0	0.0%
4:15 PM	9	29.0	4.8	0.3	17.2	1.0	0.0%
4:15 PM	10	29.0	8.4	0.3	49.9	2.0	0.0%
3:30 PM	Avg	30.0	5.6	0.3	29.5	1.2	0.0%
3:45 PM	Avg	30.0	6.2	0.3	34.2	1.3	0.0%
4:00 PM	Avg	30.0	5.0	0.2	28.0	1.2	0.0%
4:15 PM	Avg	29.0	5.4	0.2	25.3	1.2	0.0%
WB T on LAKE AVE NW - Lane ID 274843							
3:30 PM	1	30.0	29.6	1.2	143.2	5.5	0.0%
3:30 PM	2	30.0	43.2	1.6	214.9	7.1	6.7%

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	50.3	1.9	168.1	6.0	3.3%
3:30 PM	4	30.0	15.0	0.6	72.9	3.0	0.0%
3:30 PM	5	30.0	57.3	2.0	211.1	7.5	6.7%
3:30 PM	6	30.0	43.6	1.7	226.0	8.1	10.0%
3:30 PM	7	30.0	23.5	0.9	101.6	4.0	0.0%
3:30 PM	8	30.0	49.6	1.8	191.1	6.0	0.0%
3:30 PM	9	30.0	43.8	1.6	135.5	5.0	3.3%
3:30 PM	10	30.0	61.4	2.3	223.0	7.5	6.7%
3:45 PM	1	30.0	56.2	2.1	167.0	6.5	0.0%
3:45 PM	2	30.0	50.7	2.0	154.2	6.0	3.3%
3:45 PM	3	30.0	44.3	1.8	156.4	6.0	3.3%
3:45 PM	4	30.0	57.8	2.2	159.7	6.0	0.0%
3:45 PM	5	30.0	35.8	1.4	160.6	5.5	0.0%
3:45 PM	6	30.0	48.2	1.8	153.8	5.5	0.0%
3:45 PM	7	30.0	17.0	0.7	85.6	3.0	0.0%
3:45 PM	8	30.0	43.7	1.6	193.3	7.1	6.7%
3:45 PM	9	30.0	47.0	1.8	171.7	6.1	6.7%
3:45 PM	10	30.0	41.6	1.7	159.9	6.1	3.3%
4:00 PM	1	30.0	36.7	1.5	141.7	5.5	3.3%
4:00 PM	2	30.0	45.7	1.8	203.5	7.5	6.7%
4:00 PM	3	30.0	46.4	1.8	165.4	6.0	3.3%
4:00 PM	4	30.0	42.4	1.6	153.8	5.0	0.0%
4:00 PM	5	30.0	32.8	1.3	141.6	5.5	3.3%
4:00 PM	6	30.0	61.1	2.3	186.7	6.5	6.7%
4:00 PM	7	30.0	42.9	1.7	163.5	6.0	3.3%
4:00 PM	8	30.0	40.7	1.5	159.8	5.5	0.0%
4:00 PM	9	30.0	32.9	1.3	104.5	4.0	0.0%
4:00 PM	10	30.0	58.3	2.0	216.1	7.5	6.7%
4:15 PM	1	29.0	58.3	2.2	175.3	6.6	3.4%
4:15 PM	2	29.0	80.7	2.9	212.1	8.0	10.3%
4:15 PM	3	29.0	47.4	1.8	152.6	5.6	0.0%
4:15 PM	4	29.0	46.1	1.7	112.2	4.6	0.0%
4:15 PM	5	29.0	34.2	1.3	128.1	4.6	0.0%
4:15 PM	6	29.0	59.3	2.1	191.1	6.6	3.4%
4:15 PM	7	29.0	61.5	2.3	231.4	8.6	10.3%
4:15 PM	8	29.0	47.9	1.8	159.8	5.6	0.0%
4:15 PM	9	29.0	34.9	1.3	129.4	4.6	3.4%
4:15 PM	10	29.0	41.1	1.5	162.7	6.0	0.0%
3:30 PM	Avg	30.0	41.7	1.6	168.7	6.0	3.7%
3:45 PM	Avg	30.0	44.2	1.7	156.2	5.8	2.3%
4:00 PM	Avg	30.0	44.0	1.7	163.7	5.9	3.3%
4:15 PM	Avg	29.0	51.1	1.9	165.5	6.1	3.1%

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	1.5	0.8	0.0	2.6	10
3:45 PM	2.6	1.2	1.2	5.4	10
4:00 PM	2.3	1.7	0.5	6.0	10
4:15 PM	1.8	1.1	0.5	3.5	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	4.9	3.6	1.8	13.3	10
3:45 PM	5.5	2.8	1.8	9.7	10
4:00 PM	5.9	2.8	2.6	11.2	10
4:15 PM	6.3	2.6	3.2	10.5	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	29.4	9.5	13.9	45.1	10
3:45 PM	31.0	11.5	17.5	56.1	10
4:00 PM	36.9	15.4	18.1	67.9	10
4:15 PM	30.7	13.0	14.5	49.3	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	18.9	6.8	11.3	33.0	10
3:45 PM	18.3	10.6	7.9	40.2	10
4:00 PM	15.3	9.1	5.0	35.5	10
4:15 PM	26.5	23.2	6.6	83.9	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	34.0	12.8	19.3	55.1	10
3:45 PM	27.2	9.6	19.3	45.9	10
4:00 PM	30.1	9.0	19.7	43.2	10
4:15 PM	27.5	11.8	15.6	55.9	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	26.2	8.2	12.4	41.1	10
3:45 PM	31.1	11.7	19.9	50.8	10
4:00 PM	28.7	10.0	15.5	44.7	10
4:15 PM	31.0	9.9	14.7	46.8	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	13.5	5.4	8.3	27.0	10
3:45 PM	13.5	3.6	8.9	21.1	10
4:00 PM	16.3	3.6	10.8	22.4	10
4:15 PM	17.4	4.8	9.3	23.5	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	12.7	4.7	5.1	20.9	10
3:45 PM	14.1	5.3	5.5	24.0	10
4:00 PM	13.9	3.9	7.1	19.8	10
4:15 PM	14.8	6.1	5.2	28.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	10.6	2.1	6.1	13.0	10
3:45 PM	12.2	3.9	8.0	21.8	10
4:00 PM	10.2	3.9	4.1	16.3	10
4:15 PM	9.3	4.1	3.6	15.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	5.6	2.6	2.6	10.9	10
3:45 PM	6.2	2.5	2.8	10.6	10
4:00 PM	5.0	1.2	3.6	7.6	10
4:15 PM	5.4	2.7	1.8	9.9	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	41.7	14.8	15.0	61.4	10
3:45 PM	44.2	11.6	17.0	57.8	10
4:00 PM	44.0	9.6	32.8	61.1	10
4:15 PM	51.1	14.1	34.2	80.7	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.1	0.1	0.0	0.2	10
3:45 PM	0.1	0.1	0.1	0.3	10
4:00 PM	0.1	0.1	0.0	0.3	10
4:15 PM	0.1	0.1	0.0	0.2	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.2	0.1	0.1	0.5	10
3:45 PM	0.3	0.1	0.1	0.5	10
4:00 PM	0.3	0.1	0.1	0.5	10
4:15 PM	0.3	0.1	0.2	0.5	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	1.2	0.4	0.6	1.7	10
3:45 PM	1.2	0.4	0.7	2.2	10
4:00 PM	1.4	0.5	0.8	2.5	10
4:15 PM	1.3	0.4	0.7	2.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.8	0.2	0.5	1.2	10
3:45 PM	0.7	0.4	0.3	1.5	10
4:00 PM	0.6	0.3	0.2	1.4	10
4:15 PM	1.0	0.8	0.3	3.1	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	1.2	0.4	0.8	1.9	10
3:45 PM	1.0	0.3	0.7	1.6	10
4:00 PM	1.1	0.3	0.8	1.5	10
4:15 PM	1.0	0.4	0.6	1.9	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	1.0	0.3	0.5	1.3	10
3:45 PM	1.2	0.4	0.8	2.0	10
4:00 PM	1.1	0.3	0.7	1.7	10
4:15 PM	1.2	0.3	0.6	1.7	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.6	0.2	0.4	1.0	10
3:45 PM	0.6	0.2	0.4	0.8	10
4:00 PM	0.7	0.1	0.5	0.9	10
4:15 PM	0.7	0.2	0.4	0.9	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	0.5	0.2	0.2	0.8	10
3:45 PM	0.6	0.2	0.3	0.8	10
4:00 PM	0.5	0.2	0.3	0.7	10
4:15 PM	0.6	0.2	0.3	1.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.5	0.1	0.3	0.6	10
3:45 PM	0.5	0.1	0.4	0.7	10
4:00 PM	0.5	0.2	0.2	0.7	10
4:15 PM	0.4	0.1	0.2	0.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.3	0.1	0.1	0.4	10
3:45 PM	0.3	0.1	0.1	0.4	10
4:00 PM	0.2	0.1	0.2	0.3	10
4:15 PM	0.2	0.1	0.1	0.4	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	1.6	0.5	0.6	2.3	10
3:45 PM	1.7	0.4	0.7	2.2	10
4:00 PM	1.7	0.3	1.3	2.3	10
4:15 PM	1.9	0.5	1.3	2.9	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	11.1	6.9	0.0	18.7	10
3:45 PM	17.7	11.1	0.0	43.2	10
4:00 PM	15.6	11.8	0.0	34.4	10
4:15 PM	10.3	9.0	0.0	20.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	28.8	13.6	10.4	50.4	10
3:45 PM	32.8	13.6	16.9	52.9	10
4:00 PM	30.8	15.1	14.5	59.3	10
4:15 PM	35.8	14.8	18.5	62.9	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	96.2	34.6	53.4	176.5	10
3:45 PM	107.0	27.4	85.2	154.3	10
4:00 PM	110.1	44.0	73.0	206.4	10
4:15 PM	103.9	28.1	47.3	137.5	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	87.3	36.1	45.7	152.0	10
3:45 PM	79.0	41.3	37.2	156.8	10
4:00 PM	75.1	40.4	33.1	164.9	10
4:15 PM	104.5	64.9	44.1	245.1	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	136.3	51.4	74.5	230.3	10
3:45 PM	111.3	35.0	83.7	192.0	10
4:00 PM	128.9	40.1	68.5	196.4	10
4:15 PM	119.4	34.8	70.8	199.3	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	99.7	32.8	68.5	154.4	10
3:45 PM	107.3	32.0	75.1	165.9	10
4:00 PM	104.3	36.7	53.8	166.3	10
4:15 PM	107.2	29.5	67.8	155.2	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	54.5	17.6	40.2	97.3	10
3:45 PM	59.0	12.1	48.8	80.9	10
4:00 PM	73.2	14.5	48.7	101.8	10
4:15 PM	69.2	15.4	40.5	88.5	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	52.5	18.0	21.8	74.0	10
3:45 PM	63.0	18.6	27.0	95.1	10
4:00 PM	54.9	13.1	36.4	75.3	10
4:15 PM	62.6	29.9	19.6	131.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	49.8	9.1	30.3	60.7	10
3:45 PM	53.8	15.9	35.8	86.9	10
4:00 PM	41.7	15.8	18.4	68.9	10
4:15 PM	37.6	16.5	18.8	68.8	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	29.5	15.2	17.2	61.3	10
3:45 PM	34.2	14.9	16.6	61.9	10
4:00 PM	28.0	9.9	17.6	46.1	10
4:15 PM	25.3	11.4	17.0	49.9	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	168.7	53.9	72.9	226.0	10
3:45 PM	156.2	27.4	85.6	193.3	10
4:00 PM	163.7	32.4	104.5	216.1	10
4:15 PM	165.5	38.0	112.2	231.4	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.7	0.4	0.0	1.0	10
3:45 PM	1.0	0.5	0.0	2.0	10
4:00 PM	0.8	0.5	0.0	1.5	10
4:15 PM	0.6	0.5	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	1.3	0.5	0.5	2.0	10
3:45 PM	1.5	0.6	1.0	2.5	10
4:00 PM	1.4	0.5	1.0	2.5	10
4:15 PM	1.4	0.5	1.0	2.2	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	3.5	1.4	2.0	7.0	10
3:45 PM	3.8	1.0	3.0	5.5	10
4:00 PM	4.0	1.3	3.0	6.5	10
4:15 PM	3.7	0.9	2.0	5.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	3.3	1.1	2.0	5.5	10
3:45 PM	2.7	1.3	1.5	5.5	10
4:00 PM	2.8	1.3	1.5	6.0	10
4:15 PM	3.7	2.3	1.6	9.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	4.3	1.4	2.5	6.5	10
3:45 PM	3.7	0.9	3.0	5.5	10
4:00 PM	4.2	1.1	2.5	6.1	10
4:15 PM	4.0	1.4	2.6	7.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	3.5	0.9	2.5	5.0	10
3:45 PM	3.7	1.1	2.5	6.1	10
4:00 PM	3.7	1.0	2.5	5.5	10
4:15 PM	3.8	0.8	2.6	5.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	2.2	0.5	2.0	3.5	10
3:45 PM	2.3	0.4	2.0	3.1	10
4:00 PM	2.6	0.4	2.0	3.0	10
4:15 PM	2.5	0.4	2.0	3.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	2.0	0.6	1.0	2.5	10
3:45 PM	2.3	0.6	1.0	3.0	10
4:00 PM	2.1	0.5	1.5	3.0	10
4:15 PM	2.2	0.9	1.0	4.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	2.0	0.3	1.5	2.5	10
3:45 PM	1.9	0.7	1.0	3.1	10
4:00 PM	1.7	0.5	1.0	2.5	10
4:15 PM	1.6	0.5	1.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	1.2	0.3	1.0	2.0	10
3:45 PM	1.3	0.3	1.0	2.0	10
4:00 PM	1.2	0.4	1.0	2.1	10
4:15 PM	1.2	0.4	1.0	2.0	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	6.0	1.6	3.0	8.1	10
3:45 PM	5.8	1.1	3.0	7.1	10
4:00 PM	5.9	1.1	4.0	7.5	10
4:15 PM	6.1	1.4	4.6	8.6	10

Project: Alt 2d-mod1WB_SR-21 & Lake Ave
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: print

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55133, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274813					
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.1	10

Build Alternate 2e

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	1	63.0	0.10	4.2	A
7:15 AM	2	68.0	0.10	5.2	A
7:15 AM	3	68.0	0.10	4.6	A
7:15 AM	4	67.0	0.10	4.5	A
7:15 AM	5	67.0	0.10	4.9	A
7:15 AM	6	63.0	0.10	4.4	A
7:15 AM	7	67.0	0.10	4.8	A
7:15 AM	8	70.0	0.10	4.8	A
7:15 AM	9	67.0	0.10	4.2	A
7:15 AM	10	67.0	0.10	4.3	A
7:30 AM	1	66.0	0.10	4.1	A
7:30 AM	2	66.0	0.10	4.1	A
7:30 AM	3	60.0	0.10	4.1	A
7:30 AM	4	62.0	0.10	4.5	A
7:30 AM	5	66.0	0.10	4.4	A
7:30 AM	6	66.0	0.10	4.2	A
7:30 AM	7	67.0	0.10	4.5	A
7:30 AM	8	67.0	0.10	5.5	A
7:30 AM	9	64.0	0.10	4.5	A
7:30 AM	10	65.0	0.10	5.1	A
7:45 AM	1	65.0	0.10	4.1	A
7:45 AM	2	66.0	0.10	4.9	A
7:45 AM	3	62.0	0.10	4.5	A
7:45 AM	4	71.0	0.10	4.8	A
7:45 AM	5	62.0	0.10	5.4	A
7:45 AM	6	66.0	0.10	4.3	A
7:45 AM	7	65.0	0.10	4.4	A
7:45 AM	8	70.0	0.10	5.2	A
7:45 AM	9	70.0	0.10	4.7	A
7:45 AM	10	65.0	0.10	4.5	A
8:00 AM	1	64.0	0.10	4.9	A
8:00 AM	2	64.0	0.10	3.8	A
8:00 AM	3	66.0	0.10	4.2	A
8:00 AM	4	65.0	0.10	4.2	A
8:00 AM	5	64.0	0.10	5.1	A
8:00 AM	6	65.0	0.10	4.3	A
8:00 AM	7	64.0	0.10	4.7	A
8:00 AM	8	61.0	0.10	4.4	A
8:00 AM	9	64.0	0.10	4.0	A
8:00 AM	10	65.0	0.10	4.9	A
7:15 AM	Avg	66.7	0.10	4.6	A
7:30 AM	Avg	64.9	0.10	4.5	A
7:45 AM	Avg	66.2	0.10	4.7	A

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	64.2	0.10	4.4	A
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	1	97.0	0.10	4.9	A
7:15 AM	2	100.0	0.10	4.8	A
7:15 AM	3	103.0	0.10	4.6	A
7:15 AM	4	103.0	0.10	4.3	A
7:15 AM	5	105.0	0.10	4.5	A
7:15 AM	6	97.0	0.10	4.5	A
7:15 AM	7	100.0	0.10	4.4	A
7:15 AM	8	104.0	0.10	4.7	A
7:15 AM	9	103.0	0.10	4.9	A
7:15 AM	10	100.0	0.10	4.5	A
7:30 AM	1	101.0	0.10	4.2	A
7:30 AM	2	104.0	0.10	4.9	A
7:30 AM	3	92.0	0.10	5.0	A
7:30 AM	4	93.0	0.10	4.9	A
7:30 AM	5	99.0	0.10	4.3	A
7:30 AM	6	101.0	0.10	4.9	A
7:30 AM	7	103.0	0.10	4.8	A
7:30 AM	8	103.0	0.20	5.5	A
7:30 AM	9	95.0	0.10	4.8	A
7:30 AM	10	99.0	0.10	4.8	A
7:45 AM	1	95.0	0.10	4.3	A
7:45 AM	2	96.0	0.10	4.5	A
7:45 AM	3	93.0	0.10	5.1	A
7:45 AM	4	111.0	0.20	4.9	A
7:45 AM	5	91.0	0.10	5.1	A
7:45 AM	6	103.0	0.10	4.8	A
7:45 AM	7	98.0	0.10	4.7	A
7:45 AM	8	106.0	0.10	4.7	A
7:45 AM	9	109.0	0.10	4.7	A
7:45 AM	10	101.0	0.10	4.0	A
8:00 AM	1	101.0	0.10	4.3	A
8:00 AM	2	98.0	0.10	4.8	A
8:00 AM	3	97.0	0.10	4.7	A
8:00 AM	4	97.0	0.10	5.5	A
8:00 AM	5	97.0	0.20	5.6	A
8:00 AM	6	96.0	0.10	4.5	A
8:00 AM	7	96.0	0.10	4.2	A
8:00 AM	8	97.0	0.10	4.7	A
8:00 AM	9	97.0	0.10	4.5	A
8:00 AM	10	96.0	0.10	5.6	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	101.2	0.10	4.6	A
7:30 AM	Avg	99.0	0.11	4.8	A
7:45 AM	Avg	100.3	0.11	4.7	A
8:00 AM	Avg	97.2	0.11	4.8	A
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	1	36.0	0.10	8.4	A
7:15 AM	2	38.0	0.10	7.2	A
7:15 AM	3	37.0	0.10	10.7	B
7:15 AM	4	38.0	0.10	10.6	B
7:15 AM	5	39.0	0.10	9.1	A
7:15 AM	6	36.0	0.10	9.4	A
7:15 AM	7	37.0	0.10	7.6	A
7:15 AM	8	36.0	0.10	10.0	A
7:15 AM	9	35.0	0.10	10.1	B
7:15 AM	10	38.0	0.10	9.7	A
7:30 AM	1	38.0	0.10	7.5	A
7:30 AM	2	37.0	0.10	8.5	A
7:30 AM	3	35.0	0.10	9.6	A
7:30 AM	4	37.0	0.10	8.0	A
7:30 AM	5	35.0	0.10	9.3	A
7:30 AM	6	39.0	0.10	9.1	A
7:30 AM	7	39.0	0.10	12.2	B
7:30 AM	8	38.0	0.10	10.9	B
7:30 AM	9	38.0	0.10	7.4	A
7:30 AM	10	38.0	0.10	8.0	A
7:45 AM	1	37.0	0.10	8.9	A
7:45 AM	2	40.0	0.10	7.8	A
7:45 AM	3	41.0	0.10	7.9	A
7:45 AM	4	39.0	0.10	9.1	A
7:45 AM	5	39.0	0.10	8.9	A
7:45 AM	6	38.0	0.10	9.0	A
7:45 AM	7	37.0	0.10	8.0	A
7:45 AM	8	39.0	0.10	8.5	A
7:45 AM	9	40.0	0.10	11.5	B
7:45 AM	10	37.0	0.10	9.4	A
8:00 AM	1	39.0	0.10	9.0	A
8:00 AM	2	36.0	0.10	7.3	A
8:00 AM	3	37.0	0.10	7.7	A
8:00 AM	4	35.0	0.10	8.0	A
8:00 AM	5	37.0	0.10	10.2	B
8:00 AM	6	37.0	0.10	10.4	B
8:00 AM	7	38.0	0.10	10.6	B

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	36.0	0.10	6.5	A
8:00 AM	9	36.0	0.10	9.1	A
8:00 AM	10	38.0	0.10	9.2	A
7:15 AM	Avg	37.0	0.10	9.3	A
7:30 AM	Avg	37.4	0.10	9.0	A
7:45 AM	Avg	38.7	0.10	8.9	A
8:00 AM	Avg	36.9	0.10	8.8	A

SWB T on [Unnamed Street]: Lane ID 274793

7:15 AM	1	92.0	0.20	6.7	A
7:15 AM	2	92.0	0.20	7.6	A
7:15 AM	3	96.0	0.20	6.6	A
7:15 AM	4	93.0	0.20	7.4	A
7:15 AM	5	94.0	0.20	8.3	A
7:15 AM	6	94.0	0.20	7.3	A
7:15 AM	7	93.0	0.20	6.0	A
7:15 AM	8	94.0	0.20	7.4	A
7:15 AM	9	94.0	0.20	7.3	A
7:15 AM	10	92.0	0.20	7.3	A
7:30 AM	1	92.0	0.20	7.1	A
7:30 AM	2	91.0	0.20	6.2	A
7:30 AM	3	89.0	0.20	7.4	A
7:30 AM	4	91.0	0.20	6.9	A
7:30 AM	5	90.0	0.20	8.0	A
7:30 AM	6	93.0	0.20	6.8	A
7:30 AM	7	94.0	0.20	7.8	A
7:30 AM	8	92.0	0.20	7.4	A
7:30 AM	9	91.0	0.20	6.8	A
7:30 AM	10	95.0	0.20	6.6	A
7:45 AM	1	92.0	0.20	7.8	A
7:45 AM	2	92.0	0.20	6.8	A
7:45 AM	3	92.0	0.20	9.8	A
7:45 AM	4	93.0	0.20	6.7	A
7:45 AM	5	92.0	0.20	8.4	A
7:45 AM	6	89.0	0.20	6.8	A
7:45 AM	7	93.0	0.20	7.7	A
7:45 AM	8	92.0	0.20	6.3	A
7:45 AM	9	91.0	0.20	7.7	A
7:45 AM	10	93.0	0.20	7.0	A
8:00 AM	1	94.0	0.20	7.1	A
8:00 AM	2	94.0	0.20	7.3	A
8:00 AM	3	93.0	0.20	6.3	A
8:00 AM	4	91.0	0.20	6.4	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	94.0	0.20	7.9	A
8:00 AM	6	95.0	0.20	7.3	A
8:00 AM	7	91.0	0.10	5.9	A
8:00 AM	8	93.0	0.20	7.6	A
8:00 AM	9	93.0	0.20	6.8	A
8:00 AM	10	90.0	0.20	7.9	A
7:15 AM	Avg	93.4	0.20	7.2	A
7:30 AM	Avg	91.8	0.20	7.1	A
7:45 AM	Avg	91.9	0.20	7.5	A
8:00 AM	Avg	92.8	0.19	7.0	A
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	1	134.0	0.10	3.6	A
7:15 AM	2	134.0	0.20	4.4	A
7:15 AM	3	133.0	0.20	5.5	A
7:15 AM	4	135.0	0.20	4.7	A
7:15 AM	5	134.0	0.20	5.1	A
7:15 AM	6	134.0	0.10	3.9	A
7:15 AM	7	135.0	0.10	3.2	A
7:15 AM	8	130.0	0.20	4.3	A
7:15 AM	9	133.0	0.20	4.8	A
7:15 AM	10	134.0	0.20	5.2	A
7:30 AM	1	136.0	0.20	4.5	A
7:30 AM	2	137.0	0.20	5.6	A
7:30 AM	3	138.0	0.20	4.9	A
7:30 AM	4	137.0	0.20	4.4	A
7:30 AM	5	134.0	0.20	4.9	A
7:30 AM	6	136.0	0.20	4.5	A
7:30 AM	7	132.0	0.20	5.0	A
7:30 AM	8	137.0	0.20	6.2	A
7:30 AM	9	138.0	0.20	4.6	A
7:30 AM	10	135.0	0.10	3.9	A
7:45 AM	1	133.0	0.20	4.4	A
7:45 AM	2	137.0	0.20	4.2	A
7:45 AM	3	136.0	0.20	4.6	A
7:45 AM	4	134.0	0.20	5.2	A
7:45 AM	5	137.0	0.20	5.4	A
7:45 AM	6	136.0	0.20	4.6	A
7:45 AM	7	138.0	0.20	4.2	A
7:45 AM	8	133.0	0.20	4.6	A
7:45 AM	9	133.0	0.20	5.0	A
7:45 AM	10	135.0	0.20	5.1	A
8:00 AM	1	136.0	0.20	4.5	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	132.0	0.10	4.1	A
8:00 AM	3	131.0	0.20	4.4	A
8:00 AM	4	135.0	0.10	3.5	A
8:00 AM	5	134.0	0.20	4.4	A
8:00 AM	6	134.0	0.20	4.6	A
8:00 AM	7	135.0	0.20	4.5	A
8:00 AM	8	136.0	0.20	4.4	A
8:00 AM	9	136.0	0.20	4.7	A
8:00 AM	10	135.0	0.20	4.8	A
7:15 AM	Avg	133.6	0.17	4.5	A
7:30 AM	Avg	136.0	0.19	4.8	A
7:45 AM	Avg	135.2	0.20	4.7	A
8:00 AM	Avg	134.4	0.18	4.4	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	1	79.0	0.20	7.7	A
7:15 AM	2	79.0	0.20	7.4	A
7:15 AM	3	80.0	0.20	8.5	A
7:15 AM	4	81.0	0.20	9.1	A
7:15 AM	5	80.0	0.20	7.9	A
7:15 AM	6	81.0	0.20	7.1	A
7:15 AM	7	80.0	0.20	8.4	A
7:15 AM	8	79.0	0.20	8.5	A
7:15 AM	9	81.0	0.20	7.5	A
7:15 AM	10	81.0	0.20	8.8	A
7:30 AM	1	82.0	0.20	7.7	A
7:30 AM	2	82.0	0.20	7.4	A
7:30 AM	3	80.0	0.20	7.5	A
7:30 AM	4	80.0	0.20	7.9	A
7:30 AM	5	81.0	0.20	7.5	A
7:30 AM	6	79.0	0.20	7.5	A
7:30 AM	7	81.0	0.20	7.2	A
7:30 AM	8	81.0	0.20	9.3	A
7:30 AM	9	76.0	0.10	6.8	A
7:30 AM	10	81.0	0.20	8.2	A
7:45 AM	1	78.0	0.20	8.4	A
7:45 AM	2	80.0	0.20	7.3	A
7:45 AM	3	81.0	0.20	7.7	A
7:45 AM	4	81.0	0.20	9.1	A
7:45 AM	5	81.0	0.20	7.3	A
7:45 AM	6	79.0	0.20	8.7	A
7:45 AM	7	80.0	0.20	7.9	A
7:45 AM	8	78.0	0.20	7.2	A
7:45 AM	9	82.0	0.20	8.7	A
7:45 AM	10	80.0	0.20	7.6	A
8:00 AM	1	80.0	0.20	7.8	A
8:00 AM	2	80.0	0.20	6.9	A
8:00 AM	3	79.0	0.20	8.4	A
8:00 AM	4	79.0	0.20	7.4	A
8:00 AM	5	79.0	0.20	6.9	A
8:00 AM	6	81.0	0.20	7.3	A
8:00 AM	7	79.0	0.20	7.6	A
8:00 AM	8	82.0	0.20	7.9	A
8:00 AM	9	82.0	0.20	7.9	A
8:00 AM	10	80.0	0.20	8.6	A
7:15 AM	Avg	80.1	0.20	8.1	A
7:30 AM	Avg	80.3	0.19	7.7	A
7:45 AM	Avg	80.0	0.20	8.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	80.1	0.20	7.7	A
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	1	58.0	0.10	7.6	A
7:15 AM	2	59.0	0.10	6.8	A
7:15 AM	3	59.0	0.10	8.2	A
7:15 AM	4	56.0	0.10	9.0	A
7:15 AM	5	58.0	0.10	7.4	A
7:15 AM	6	57.0	0.10	7.7	A
7:15 AM	7	56.0	0.10	7.7	A
7:15 AM	8	58.0	0.10	8.9	A
7:15 AM	9	57.0	0.10	8.8	A
7:15 AM	10	58.0	0.10	7.9	A
7:30 AM	1	59.0	0.10	7.0	A
7:30 AM	2	58.0	0.10	7.7	A
7:30 AM	3	57.0	0.10	7.1	A
7:30 AM	4	58.0	0.10	8.3	A
7:30 AM	5	58.0	0.10	7.0	A
7:30 AM	6	57.0	0.10	7.1	A
7:30 AM	7	58.0	0.10	7.9	A
7:30 AM	8	57.0	0.10	7.0	A
7:30 AM	9	57.0	0.10	6.5	A
7:30 AM	10	59.0	0.10	6.6	A
7:45 AM	1	56.0	0.10	7.9	A
7:45 AM	2	56.0	0.10	8.3	A
7:45 AM	3	56.0	0.10	6.8	A
7:45 AM	4	57.0	0.10	8.3	A
7:45 AM	5	57.0	0.10	6.7	A
7:45 AM	6	56.0	0.10	8.2	A
7:45 AM	7	56.0	0.10	7.5	A
7:45 AM	8	57.0	0.10	9.3	A
7:45 AM	9	59.0	0.10	8.4	A
7:45 AM	10	58.0	0.10	8.6	A
8:00 AM	1	59.0	0.10	7.8	A
8:00 AM	2	59.0	0.10	9.0	A
8:00 AM	3	61.0	0.10	6.9	A
8:00 AM	4	56.0	0.10	7.3	A
8:00 AM	5	59.0	0.10	8.4	A
8:00 AM	6	60.0	0.10	7.1	A
8:00 AM	7	58.0	0.20	9.4	A
8:00 AM	8	58.0	0.10	8.2	A
8:00 AM	9	58.0	0.10	8.2	A
8:00 AM	10	57.0	0.10	7.7	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	57.6	0.10	8.0	A
7:30 AM	Avg	57.8	0.10	7.2	A
7:45 AM	Avg	56.8	0.10	8.0	A
8:00 AM	Avg	58.5	0.11	8.0	A
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	1	25.0	0.10	8.4	A
7:15 AM	2	25.0	0.10	8.2	A
7:15 AM	3	24.0	0.00	6.5	A
7:15 AM	4	24.0	0.10	8.9	A
7:15 AM	5	26.0	0.10	8.1	A
7:15 AM	6	26.0	0.10	9.7	A
7:15 AM	7	25.0	0.10	8.2	A
7:15 AM	8	26.0	0.10	7.8	A
7:15 AM	9	23.0	0.00	7.2	A
7:15 AM	10	26.0	0.10	7.6	A
7:30 AM	1	27.0	0.10	11.2	B
7:30 AM	2	27.0	0.10	8.1	A
7:30 AM	3	24.0	0.10	9.5	A
7:30 AM	4	26.0	0.10	7.7	A
7:30 AM	5	25.0	0.10	7.8	A
7:30 AM	6	26.0	0.10	10.3	B
7:30 AM	7	25.0	0.10	8.9	A
7:30 AM	8	24.0	0.10	8.5	A
7:30 AM	9	26.0	0.10	9.6	A
7:30 AM	10	25.0	0.10	7.4	A
7:45 AM	1	24.0	0.10	10.5	B
7:45 AM	2	23.0	0.10	9.1	A
7:45 AM	3	26.0	0.10	9.1	A
7:45 AM	4	26.0	0.10	7.6	A
7:45 AM	5	23.0	0.10	8.7	A
7:45 AM	6	26.0	0.10	7.9	A
7:45 AM	7	25.0	0.10	8.2	A
7:45 AM	8	27.0	0.10	7.9	A
7:45 AM	9	27.0	0.10	8.1	A
7:45 AM	10	26.0	0.10	7.7	A
8:00 AM	1	24.0	0.10	7.8	A
8:00 AM	2	24.0	0.00	7.5	A
8:00 AM	3	26.0	0.10	7.8	A
8:00 AM	4	25.0	0.10	10.8	B
8:00 AM	5	27.0	0.10	7.9	A
8:00 AM	6	23.0	0.10	8.0	A
8:00 AM	7	26.0	0.10	7.6	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	24.0	0.10	7.8	A
8:00 AM	9	25.0	0.10	8.6	A
8:00 AM	10	27.0	0.10	7.8	A
7:15 AM	Avg	25.0	0.08	8.1	A
7:30 AM	Avg	25.5	0.10	8.9	A
7:45 AM	Avg	25.3	0.10	8.5	A
8:00 AM	Avg	25.1	0.09	8.2	A
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	1	108.0	0.30	10.2	B
7:15 AM	2	106.0	0.30	11.5	B
7:15 AM	3	109.0	0.30	10.6	B
7:15 AM	4	104.0	0.30	10.9	B
7:15 AM	5	108.0	0.30	11.1	B
7:15 AM	6	110.0	0.30	10.3	B
7:15 AM	7	108.0	0.40	11.7	B
7:15 AM	8	107.0	0.30	10.6	B
7:15 AM	9	108.0	0.40	11.7	B
7:15 AM	10	106.0	0.30	9.9	A
7:30 AM	1	109.0	0.30	10.1	B
7:30 AM	2	109.0	0.40	11.7	B
7:30 AM	3	108.0	0.30	10.7	B
7:30 AM	4	111.0	0.30	9.4	A
7:30 AM	5	107.0	0.30	11.2	B
7:30 AM	6	107.0	0.30	11.4	B
7:30 AM	7	111.0	0.40	11.9	B
7:30 AM	8	107.0	0.30	11.6	B
7:30 AM	9	106.0	0.30	10.4	B
7:30 AM	10	109.0	0.40	11.8	B
7:45 AM	1	108.0	0.30	11.2	B
7:45 AM	2	109.0	0.30	10.4	B
7:45 AM	3	108.0	0.30	11.6	B
7:45 AM	4	110.0	0.40	11.8	B
7:45 AM	5	109.0	0.30	11.1	B
7:45 AM	6	108.0	0.30	9.9	A
7:45 AM	7	106.0	0.30	10.5	B
7:45 AM	8	109.0	0.40	11.7	B
7:45 AM	9	111.0	0.30	11.1	B
7:45 AM	10	108.0	0.30	10.7	B
8:00 AM	1	107.0	0.30	9.3	A
8:00 AM	2	106.0	0.30	11.7	B
8:00 AM	3	107.0	0.30	9.7	A
8:00 AM	4	104.0	0.30	10.7	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	105.0	0.30	9.6	A
8:00 AM	6	107.0	0.30	11.4	B
8:00 AM	7	107.0	0.30	11.3	B
8:00 AM	8	106.0	0.30	9.9	A
8:00 AM	9	107.0	0.30	9.4	A
8:00 AM	10	106.0	0.40	13.2	B
7:15 AM	Avg	107.4	0.32	10.8	B
7:30 AM	Avg	108.4	0.33	11.0	B
7:45 AM	Avg	108.6	0.32	11.0	B
8:00 AM	Avg	106.2	0.31	10.6	B
SEB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	1	85.0	6.40	271.7	F
7:15 AM	2	98.0	6.20	229.3	F
7:15 AM	3	96.0	3.80	143.7	F
7:15 AM	4	96.0	3.60	136.0	F
7:15 AM	5	96.0	6.60	246.4	F
7:15 AM	6	84.0	6.00	256.1	F
7:15 AM	7	94.0	5.70	218.3	F
7:15 AM	8	100.0	5.50	199.0	F
7:15 AM	9	97.0	6.80	251.7	F
7:15 AM	10	87.0	5.70	234.5	F
7:30 AM	1	92.0	6.80	267.7	F
7:30 AM	2	90.0	6.40	255.8	F
7:30 AM	3	79.0	6.50	294.4	F
7:30 AM	4	83.0	6.50	283.3	F
7:30 AM	5	91.0	6.80	270.5	F
7:30 AM	6	96.0	7.00	264.1	F
7:30 AM	7	97.0	6.50	240.6	F
7:30 AM	8	99.0	6.50	236.3	F
7:30 AM	9	87.0	6.80	281.1	F
7:30 AM	10	88.0	6.80	276.7	F
7:45 AM	1	87.0	6.80	280.8	F
7:45 AM	2	93.0	6.90	266.4	F
7:45 AM	3	82.0	7.00	309.1	F
7:45 AM	4	103.0	6.50	227.0	F
7:45 AM	5	81.0	6.30	281.6	F
7:45 AM	6	96.0	7.30	272.6	F
7:45 AM	7	89.0	7.10	286.7	F
7:45 AM	8	100.0	6.90	249.5	F
7:45 AM	9	100.0	6.80	245.8	F
7:45 AM	10	93.0	6.90	267.0	F
8:00 AM	1	93.0	6.70	257.8	F

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	88.0	7.00	285.5	F
8:00 AM	3	84.0	6.70	286.0	F
8:00 AM	4	92.0	7.00	274.7	F
8:00 AM	5	85.0	7.00	297.6	F
8:00 AM	6	83.0	6.60	285.9	F
8:00 AM	7	83.0	6.60	284.7	F
8:00 AM	8	85.0	6.60	280.7	F
8:00 AM	9	87.0	6.10	253.7	F
8:00 AM	10	88.0	7.00	285.0	F
7:15 AM	Avg	93.3	5.63	218.7	F
7:30 AM	Avg	90.2	6.66	267.1	F
7:45 AM	Avg	92.4	6.85	268.6	F
8:00 AM	Avg	86.8	6.73	279.2	F
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	1	82.0	0.10	2.6	A
7:15 AM	2	81.0	0.10	3.0	A
7:15 AM	3	81.0	0.10	3.0	A
7:15 AM	4	82.0	0.10	2.2	A
7:15 AM	5	80.0	0.10	2.4	A
7:15 AM	6	79.0	0.10	3.7	A
7:15 AM	7	82.0	0.10	2.9	A
7:15 AM	8	78.0	0.10	3.1	A
7:15 AM	9	81.0	0.10	3.0	A
7:15 AM	10	81.0	0.10	3.2	A
7:30 AM	1	80.0	0.10	2.5	A
7:30 AM	2	80.0	0.10	2.6	A
7:30 AM	3	79.0	0.10	2.6	A
7:30 AM	4	81.0	0.10	3.0	A
7:30 AM	5	82.0	0.10	2.8	A
7:30 AM	6	80.0	0.10	2.3	A
7:30 AM	7	80.0	0.00	2.0	A
7:30 AM	8	82.0	0.10	2.8	A
7:30 AM	9	81.0	0.10	2.7	A
7:30 AM	10	82.0	0.10	2.7	A
7:45 AM	1	78.0	0.10	2.8	A
7:45 AM	2	79.0	0.10	2.9	A
7:45 AM	3	80.0	0.10	3.0	A
7:45 AM	4	78.0	0.10	2.5	A
7:45 AM	5	79.0	0.10	2.3	A
7:45 AM	6	81.0	0.10	3.3	A
7:45 AM	7	80.0	0.10	2.3	A
7:45 AM	8	78.0	0.10	2.5	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	9	79.0	0.10	2.5	A
7:45 AM	10	78.0	0.00	2.0	A
8:00 AM	1	82.0	0.10	3.4	A
8:00 AM	2	80.0	0.00	1.8	A
8:00 AM	3	82.0	0.10	2.7	A
8:00 AM	4	81.0	0.10	2.4	A
8:00 AM	5	79.0	0.10	2.3	A
8:00 AM	6	83.0	0.10	2.5	A
8:00 AM	7	84.0	0.10	2.6	A
8:00 AM	8	81.0	0.10	2.5	A
8:00 AM	9	81.0	0.10	3.2	A
8:00 AM	10	82.0	0.10	2.9	A
7:15 AM	Avg	80.7	0.10	2.9	A
7:30 AM	Avg	80.7	0.09	2.6	A
7:45 AM	Avg	79.0	0.09	2.6	A
8:00 AM	Avg	81.5	0.09	2.6	A

WB T on LAKE AVE NW: Lane ID 274843

7:15 AM	1	92.0	0.10	3.6	A
7:15 AM	2	93.0	0.10	2.8	A
7:15 AM	3	91.0	0.10	3.2	A
7:15 AM	4	95.0	0.10	3.1	A
7:15 AM	5	95.0	0.10	2.7	A
7:15 AM	6	91.0	0.10	3.0	A
7:15 AM	7	94.0	0.10	3.5	A
7:15 AM	8	91.0	0.10	3.0	A
7:15 AM	9	92.0	0.10	2.2	A
7:15 AM	10	92.0	0.10	3.8	A
7:30 AM	1	90.0	0.10	2.6	A
7:30 AM	2	90.0	0.10	3.9	A
7:30 AM	3	93.0	0.10	3.2	A
7:30 AM	4	90.0	0.10	2.8	A
7:30 AM	5	90.0	0.10	3.2	A
7:30 AM	6	93.0	0.10	2.5	A
7:30 AM	7	91.0	0.10	2.3	A
7:30 AM	8	95.0	0.10	3.6	A
7:30 AM	9	91.0	0.10	3.6	A
7:30 AM	10	93.0	0.10	3.7	A
7:45 AM	1	94.0	0.10	2.6	A
7:45 AM	2	96.0	0.10	2.6	A
7:45 AM	3	92.0	0.10	3.6	A
7:45 AM	4	92.0	0.10	3.5	A
7:45 AM	5	93.0	0.10	2.2	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:45 AM	6	95.0	0.10	3.8	A
7:45 AM	7	92.0	0.10	3.0	A
7:45 AM	8	92.0	0.10	2.2	A
7:45 AM	9	90.0	0.10	2.2	A
7:45 AM	10	94.0	0.10	3.3	A
8:00 AM	1	94.0	0.10	2.5	A
8:00 AM	2	92.0	0.10	3.6	A
8:00 AM	3	90.0	0.10	3.4	A
8:00 AM	4	95.0	0.10	2.6	A
8:00 AM	5	92.0	0.10	2.6	A
8:00 AM	6	90.0	0.10	2.9	A
8:00 AM	7	91.0	0.10	3.2	A
8:00 AM	8	94.0	0.10	3.3	A
8:00 AM	9	94.0	0.10	3.2	A
8:00 AM	10	92.0	0.10	3.0	A
7:15 AM	Avg	92.6	0.10	3.1	A
7:30 AM	Avg	91.6	0.10	3.1	A
7:45 AM	Avg	93.0	0.10	2.9	A
8:00 AM	Avg	92.4	0.10	3.0	A

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.2	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.1	0.2	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	0.2	0.0	0.1	0.2	10
7:30 AM	0.2	0.0	0.1	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.1	0.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.1	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	0.3	0.0	0.3	0.4	10
7:30 AM	0.3	0.0	0.3	0.4	10
7:45 AM	0.3	0.0	0.3	0.4	10
8:00 AM	0.3	0.0	0.3	0.4	10
SEB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	5.6	1.1	3.6	6.8	10
7:30 AM	6.7	0.2	6.4	7.0	10
7:45 AM	6.9	0.3	6.3	7.3	10
8:00 AM	6.7	0.3	6.1	7.0	10
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.0	0.0	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
7:15 AM	4.6	0.3	4.2	5.2	10
7:30 AM	4.5	0.5	4.1	5.5	10
7:45 AM	4.7	0.4	4.1	5.4	10
8:00 AM	4.4	0.4	3.8	5.1	10
EB T on LAKE AVE NW: Lane ID 274839					
7:15 AM	4.6	0.2	4.3	4.9	10
7:30 AM	4.8	0.4	4.2	5.5	10
7:45 AM	4.7	0.3	4.0	5.1	10
8:00 AM	4.8	0.5	4.2	5.6	10
NB T on [Unnamed Street]: Lane ID 274791					
7:15 AM	9.3	1.2	7.2	10.7	10
7:30 AM	9.0	1.5	7.4	12.2	10
7:45 AM	8.9	1.1	7.8	11.5	10
8:00 AM	8.8	1.4	6.5	10.6	10
SWB T on [Unnamed Street]: Lane ID 274793					
7:15 AM	7.2	0.6	6.0	8.3	10
7:30 AM	7.1	0.5	6.2	8.0	10
7:45 AM	7.5	1.0	6.3	9.8	10
8:00 AM	7.0	0.7	5.9	7.9	10
WB T on [Unnamed Street]: Lane ID 274785					
7:15 AM	4.5	0.7	3.2	5.5	10
7:30 AM	4.8	0.6	3.9	6.2	10
7:45 AM	4.7	0.4	4.2	5.4	10
8:00 AM	4.4	0.4	3.5	4.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
7:15 AM	8.1	0.7	7.1	9.1	10
7:30 AM	7.7	0.7	6.8	9.3	10
7:45 AM	8.0	0.7	7.2	9.1	10
8:00 AM	7.7	0.6	6.9	8.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
7:15 AM	8.0	0.7	6.8	9.0	10
7:30 AM	7.2	0.6	6.5	8.3	10
7:45 AM	8.0	0.8	6.7	9.3	10
8:00 AM	8.0	0.8	6.9	9.4	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
7:15 AM	8.1	0.9	6.5	9.7	10
7:30 AM	8.9	1.2	7.4	11.2	10
7:45 AM	8.5	0.9	7.6	10.5	10
8:00 AM	8.2	1.0	7.5	10.8	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
7:15 AM	10.8	0.6	9.9	11.7	10
7:30 AM	11.0	0.8	9.4	11.9	10
7:45 AM	11.0	0.6	9.9	11.8	10
8:00 AM	10.6	1.3	9.3	13.2	10
SEB T on LAKE AVE NW: Lane ID 274813					
7:15 AM	218.7	46.3	136.0	271.7	10
7:30 AM	267.1	18.5	236.3	294.4	10
7:45 AM	268.6	23.4	227.0	309.1	10
8:00 AM	279.2	13.6	253.7	297.6	10
WB T on LAKE AVE NW: Lane ID 274842					
7:15 AM	2.9	0.4	2.2	3.7	10
7:30 AM	2.6	0.3	2.0	3.0	10
7:45 AM	2.6	0.4	2.0	3.3	10
8:00 AM	2.6	0.5	1.8	3.4	10
WB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	3.1	0.5	2.2	3.8	10
7:30 AM	3.1	0.6	2.3	3.9	10
7:45 AM	2.9	0.6	2.2	3.8	10
8:00 AM	3.0	0.4	2.5	3.6	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
7:15 AM	1	30.0	1.1	0.1	8.1	0.5	0.0%
7:15 AM	2	30.0	1.1	0.1	8.6	0.5	0.0%
7:15 AM	3	30.0	1.5	0.1	9.6	0.5	0.0%
7:15 AM	4	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	3.2	0.2	18.1	1.0	0.0%
7:15 AM	6	30.0	2.0	0.1	18.3	1.0	0.0%
7:15 AM	7	30.0	3.7	0.2	18.2	1.0	0.0%
7:15 AM	8	30.0	1.8	0.1	11.9	0.5	0.0%
7:15 AM	9	30.0	1.5	0.1	10.5	0.5	0.0%
7:15 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	1.6	0.1	15.9	1.0	0.0%
7:30 AM	2	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	2.3	0.1	15.1	0.5	0.0%
7:30 AM	4	30.0	0.8	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	1.3	0.1	9.2	0.5	0.0%
7:30 AM	6	30.0	1.6	0.1	9.5	0.5	0.0%
7:30 AM	7	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	2.2	0.1	20.6	1.0	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	1.1	0.1	8.6	0.5	0.0%
7:45 AM	3	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.7	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	3.1	0.2	18.6	1.0	0.0%
7:45 AM	6	30.0	1.4	0.1	9.1	0.5	0.0%
7:45 AM	7	30.0	2.3	0.1	17.2	1.0	0.0%
7:45 AM	8	30.0	1.2	0.1	8.0	0.5	0.0%
7:45 AM	9	30.0	2.0	0.1	9.7	0.5	0.0%
7:45 AM	10	30.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	1	29.0	6.7	0.2	30.5	1.0	0.0%
8:00 AM	2	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	1.3	0.1	9.8	0.6	0.0%
8:00 AM	4	29.0	0.9	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	3.9	0.1	19.0	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	1.6	0.1	10.6	0.6	0.0%
8:00 AM	7	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	8	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	1.0	0.1	7.9	0.6	0.0%
7:15 AM	Avg	30.0	1.6	0.1	10.3	0.6	0.0%
7:30 AM	Avg	30.0	1.2	0.1	7.0	0.4	0.0%
7:45 AM	Avg	30.0	1.3	0.1	7.1	0.4	0.0%
8:00 AM	Avg	29.0	1.6	0.1	7.8	0.4	0.0%
EB T on LAKE AVE NW - Lane ID 274839							
7:15 AM	1	30.0	2.5	0.1	15.2	1.0	0.0%
7:15 AM	2	30.0	1.9	0.1	17.7	1.0	0.0%
7:15 AM	3	30.0	1.7	0.1	17.0	1.0	0.0%
7:15 AM	4	30.0	2.9	0.2	16.7	1.0	0.0%
7:15 AM	5	30.0	4.2	0.2	17.5	1.0	0.0%
7:15 AM	6	30.0	4.1	0.1	18.5	0.5	0.0%
7:15 AM	7	30.0	0.7	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	7.7	0.3	52.0	2.0	0.0%
7:15 AM	9	30.0	1.8	0.1	17.3	1.0	0.0%
7:15 AM	10	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	2.3	0.1	17.4	1.0	0.0%
7:30 AM	2	30.0	3.8	0.2	18.8	1.0	0.0%
7:30 AM	3	30.0	1.9	0.1	10.2	0.5	0.0%
7:30 AM	4	30.0	1.6	0.1	0.0	0.0	0.0%
7:30 AM	5	30.0	2.1	0.1	16.7	0.5	0.0%
7:30 AM	6	30.0	3.2	0.1	25.9	1.1	0.0%
7:30 AM	7	30.0	0.7	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	2.4	0.1	17.5	1.0	0.0%
7:30 AM	9	30.0	2.2	0.1	21.0	1.0	0.0%
7:30 AM	10	30.0	1.2	0.1	9.2	0.5	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	3.6	0.2	18.2	1.0	0.0%
7:45 AM	4	30.0	6.0	0.2	26.2	1.0	0.0%
7:45 AM	5	30.0	6.1	0.3	34.6	1.0	0.0%
7:45 AM	6	30.0	3.2	0.1	24.8	1.0	0.0%
7:45 AM	7	30.0	3.3	0.1	23.6	1.1	0.0%
7:45 AM	8	30.0	2.9	0.2	17.1	1.0	0.0%
7:45 AM	9	30.0	0.7	0.1	5.0	0.5	0.0%
7:45 AM	10	30.0	3.1	0.1	23.7	1.0	0.0%
8:00 AM	1	29.0	4.6	0.2	34.4	1.6	0.0%
8:00 AM	2	29.0	5.3	0.2	16.8	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	0.7	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.6	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	6.6	0.2	31.1	1.0	0.0%
8:00 AM	6	29.0	1.8	0.1	16.9	1.0	0.0%
8:00 AM	7	29.0	0.9	0.0	0.0	0.0	0.0%
8:00 AM	8	29.0	2.5	0.1	14.9	0.6	0.0%
8:00 AM	9	29.0	0.9	0.1	5.9	0.6	0.0%
8:00 AM	10	29.0	3.0	0.2	17.3	1.0	0.0%
7:15 AM	Avg	30.0	2.8	0.1	17.2	0.9	0.0%
7:30 AM	Avg	30.0	2.1	0.1	13.7	0.7	0.0%
7:45 AM	Avg	30.0	3.0	0.1	17.3	0.8	0.0%
8:00 AM	Avg	29.0	2.7	0.1	13.7	0.7	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
7:15 AM	1	30.0	3.7	0.2	16.7	1.0	0.0%
7:15 AM	2	30.0	4.2	0.1	18.1	1.0	0.0%
7:15 AM	3	30.0	7.5	0.3	30.1	1.0	0.0%
7:15 AM	4	30.0	4.3	0.2	19.2	1.0	0.0%
7:15 AM	5	30.0	0.6	0.0	0.0	0.0	0.0%
7:15 AM	6	30.0	5.7	0.3	25.5	1.0	0.0%
7:15 AM	7	30.0	3.5	0.2	18.5	1.0	0.0%
7:15 AM	8	30.0	5.1	0.2	20.4	1.0	0.0%
7:15 AM	9	30.0	4.8	0.2	29.0	1.0	0.0%
7:15 AM	10	30.0	3.0	0.2	16.4	1.0	0.0%
7:30 AM	1	30.0	2.1	0.1	15.8	1.0	0.0%
7:30 AM	2	30.0	5.0	0.3	21.9	1.0	0.0%
7:30 AM	3	30.0	4.8	0.2	30.6	1.5	0.0%
7:30 AM	4	30.0	1.0	0.1	8.4	0.5	0.0%
7:30 AM	5	30.0	7.5	0.3	38.8	1.0	0.0%
7:30 AM	6	30.0	4.9	0.2	21.7	1.0	0.0%
7:30 AM	7	30.0	8.2	0.3	56.2	2.0	0.0%
7:30 AM	8	30.0	6.5	0.3	32.8	1.5	0.0%
7:30 AM	9	30.0	3.6	0.2	17.8	1.0	0.0%
7:30 AM	10	30.0	3.3	0.2	16.1	1.0	0.0%
7:45 AM	1	30.0	3.6	0.2	21.6	1.0	0.0%
7:45 AM	2	30.0	1.6	0.1	16.1	1.0	0.0%
7:45 AM	3	30.0	1.7	0.1	16.5	1.0	0.0%
7:45 AM	4	30.0	5.2	0.3	21.9	1.0	0.0%
7:45 AM	5	30.0	2.9	0.2	18.3	1.0	0.0%
7:45 AM	6	30.0	2.4	0.2	15.8	1.0	0.0%
7:45 AM	7	30.0	4.8	0.3	32.6	1.5	0.0%
7:45 AM	8	30.0	4.2	0.2	23.5	1.0	0.0%
7:45 AM	9	30.0	4.5	0.3	18.1	1.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	5.2	0.2	30.9	1.0	0.0%
8:00 AM	1	29.0	5.3	0.3	29.1	1.6	0.0%
8:00 AM	2	29.0	2.0	0.1	15.4	1.0	0.0%
8:00 AM	3	29.0	5.5	0.2	31.2	1.0	0.0%
8:00 AM	4	29.0	3.8	0.2	19.9	1.0	0.0%
8:00 AM	5	29.0	3.3	0.2	17.4	1.0	0.0%
8:00 AM	6	29.0	4.5	0.2	18.7	1.0	0.0%
8:00 AM	7	29.0	8.4	0.4	33.6	1.6	0.0%
8:00 AM	8	29.0	2.1	0.1	15.5	1.0	0.0%
8:00 AM	9	29.0	2.3	0.1	17.0	1.0	0.0%
8:00 AM	10	29.0	3.5	0.2	17.4	1.0	0.0%
7:15 AM	Avg	30.0	4.2	0.2	19.4	0.9	0.0%
7:30 AM	Avg	30.0	4.7	0.2	26.0	1.2	0.0%
7:45 AM	Avg	30.0	3.6	0.2	21.5	1.1	0.0%
8:00 AM	Avg	29.0	4.1	0.2	21.5	1.1	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
7:15 AM	1	30.0	3.1	0.1	11.1	0.5	0.0%
7:15 AM	2	30.0	5.9	0.2	41.6	1.5	0.0%
7:15 AM	3	30.0	10.9	0.4	67.4	1.5	0.0%
7:15 AM	4	30.0	5.6	0.3	25.9	1.0	0.0%
7:15 AM	5	30.0	12.5	0.4	52.7	2.0	0.0%
7:15 AM	6	30.0	16.9	0.7	75.4	3.0	0.0%
7:15 AM	7	30.0	2.5	0.1	20.4	1.0	0.0%
7:15 AM	8	30.0	6.7	0.3	40.7	2.0	0.0%
7:15 AM	9	30.0	4.8	0.3	21.2	1.0	0.0%
7:15 AM	10	30.0	11.4	0.5	43.3	2.0	0.0%
7:30 AM	1	30.0	4.7	0.2	28.3	1.0	0.0%
7:30 AM	2	30.0	8.0	0.4	45.5	2.0	0.0%
7:30 AM	3	30.0	14.1	0.6	58.1	2.0	0.0%
7:30 AM	4	30.0	9.6	0.3	56.9	1.5	0.0%
7:30 AM	5	30.0	11.4	0.5	50.4	2.0	0.0%
7:30 AM	6	30.0	6.0	0.3	21.1	1.0	0.0%
7:30 AM	7	30.0	14.1	0.6	48.4	2.0	0.0%
7:30 AM	8	30.0	8.6	0.4	33.4	1.5	0.0%
7:30 AM	9	30.0	7.9	0.3	41.5	1.0	0.0%
7:30 AM	10	30.0	2.9	0.1	21.3	1.0	0.0%
7:45 AM	1	30.0	5.5	0.3	35.0	1.5	0.0%
7:45 AM	2	30.0	7.8	0.4	44.3	2.0	0.0%
7:45 AM	3	30.0	7.2	0.3	40.0	1.5	0.0%
7:45 AM	4	30.0	9.0	0.3	51.7	2.0	0.0%
7:45 AM	5	30.0	13.6	0.6	61.0	2.5	0.0%
7:45 AM	6	30.0	7.1	0.3	44.8	1.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	9.0	0.4	37.2	1.5	0.0%
7:45 AM	8	30.0	8.1	0.3	46.6	2.0	0.0%
7:45 AM	9	30.0	16.8	0.5	94.2	2.5	0.0%
7:45 AM	10	30.0	11.5	0.5	42.8	2.0	0.0%
8:00 AM	1	29.0	4.6	0.2	19.8	1.0	0.0%
8:00 AM	2	29.0	12.1	0.5	68.0	2.6	0.0%
8:00 AM	3	29.0	4.7	0.2	30.6	1.0	0.0%
8:00 AM	4	29.0	2.5	0.1	18.9	1.0	0.0%
8:00 AM	5	29.0	5.0	0.3	18.8	1.0	0.0%
8:00 AM	6	29.0	2.8	0.2	16.3	1.0	0.0%
8:00 AM	7	29.0	5.8	0.3	21.2	1.0	0.0%
8:00 AM	8	29.0	5.3	0.2	38.8	1.6	0.0%
8:00 AM	9	29.0	7.5	0.4	36.8	1.6	0.0%
8:00 AM	10	29.0	5.8	0.2	54.3	2.0	0.0%
7:15 AM	Avg	30.0	8.0	0.3	40.0	1.6	0.0%
7:30 AM	Avg	30.0	8.7	0.4	40.5	1.5	0.0%
7:45 AM	Avg	30.0	9.6	0.4	49.8	1.9	0.0%
8:00 AM	Avg	29.0	5.6	0.3	32.4	1.4	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
7:15 AM	1	30.0	3.2	0.2	18.5	1.0	0.0%
7:15 AM	2	30.0	8.7	0.3	45.9	1.5	0.0%
7:15 AM	3	30.0	10.4	0.4	49.7	2.0	0.0%
7:15 AM	4	30.0	5.2	0.2	32.8	1.5	0.0%
7:15 AM	5	30.0	5.6	0.3	21.4	1.0	0.0%
7:15 AM	6	30.0	4.9	0.2	38.4	1.5	0.0%
7:15 AM	7	30.0	5.5	0.2	32.5	1.0	0.0%
7:15 AM	8	30.0	6.1	0.3	40.0	2.0	0.0%
7:15 AM	9	30.0	14.7	0.6	51.3	2.0	0.0%
7:15 AM	10	30.0	6.5	0.2	40.1	1.0	0.0%
7:30 AM	1	30.0	7.2	0.3	37.9	1.0	0.0%
7:30 AM	2	30.0	11.1	0.4	74.1	2.5	0.0%
7:30 AM	3	30.0	7.4	0.3	36.6	1.5	0.0%
7:30 AM	4	30.0	6.3	0.2	38.9	1.5	0.0%
7:30 AM	5	30.0	7.0	0.3	39.9	2.0	0.0%
7:30 AM	6	30.0	7.1	0.3	28.1	1.0	0.0%
7:30 AM	7	30.0	8.6	0.3	42.6	2.0	0.0%
7:30 AM	8	30.0	8.8	0.3	51.8	2.1	0.0%
7:30 AM	9	30.0	7.7	0.3	49.5	2.0	0.0%
7:30 AM	10	30.0	2.9	0.1	19.7	1.0	0.0%
7:45 AM	1	30.0	11.7	0.5	54.9	2.0	0.0%
7:45 AM	2	30.0	1.6	0.1	8.1	0.5	0.0%
7:45 AM	3	30.0	13.0	0.5	79.3	3.1	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	17.1	0.7	67.8	2.0	0.0%
7:45 AM	5	30.0	16.6	0.6	83.6	3.0	0.0%
7:45 AM	6	30.0	7.3	0.3	45.0	1.5	0.0%
7:45 AM	7	30.0	2.7	0.1	16.5	1.0	0.0%
7:45 AM	8	30.0	9.5	0.4	68.7	2.1	0.0%
7:45 AM	9	30.0	9.6	0.4	52.2	2.0	0.0%
7:45 AM	10	30.0	11.4	0.5	62.2	2.5	0.0%
8:00 AM	1	29.0	6.7	0.3	46.0	2.0	0.0%
8:00 AM	2	29.0	4.1	0.2	18.6	1.0	0.0%
8:00 AM	3	29.0	6.7	0.3	34.7	1.6	0.0%
8:00 AM	4	29.0	4.0	0.2	23.3	1.0	0.0%
8:00 AM	5	29.0	12.3	0.5	73.2	2.6	0.0%
8:00 AM	6	29.0	8.9	0.3	64.8	2.6	0.0%
8:00 AM	7	29.0	6.4	0.3	33.2	1.0	0.0%
8:00 AM	8	29.0	6.8	0.3	46.8	2.2	0.0%
8:00 AM	9	29.0	12.1	0.5	67.0	2.6	0.0%
8:00 AM	10	29.0	6.0	0.2	36.8	1.6	0.0%
7:15 AM	Avg	30.0	7.1	0.3	37.1	1.5	0.0%
7:30 AM	Avg	30.0	7.4	0.3	41.9	1.7	0.0%
7:45 AM	Avg	30.0	10.1	0.4	53.8	2.0	0.0%
8:00 AM	Avg	29.0	7.4	0.3	44.4	1.8	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
7:15 AM	1	30.0	16.0	0.6	59.2	2.0	0.0%
7:15 AM	2	30.0	6.0	0.3	39.9	2.0	0.0%
7:15 AM	3	30.0	4.5	0.1	39.8	1.0	0.0%
7:15 AM	4	30.0	3.1	0.2	18.3	1.0	0.0%
7:15 AM	5	30.0	9.7	0.4	52.0	2.0	0.0%
7:15 AM	6	30.0	5.9	0.3	24.7	1.0	0.0%
7:15 AM	7	30.0	14.5	0.6	73.1	3.0	0.0%
7:15 AM	8	30.0	5.9	0.3	30.1	1.5	0.0%
7:15 AM	9	30.0	2.7	0.2	16.7	1.0	0.0%
7:15 AM	10	30.0	4.9	0.2	32.4	1.5	0.0%
7:30 AM	1	30.0	4.4	0.2	19.2	1.0	0.0%
7:30 AM	2	30.0	3.6	0.1	33.7	1.0	0.0%
7:30 AM	3	30.0	5.6	0.3	22.4	1.0	0.0%
7:30 AM	4	30.0	7.4	0.3	43.0	1.5	0.0%
7:30 AM	5	30.0	7.9	0.3	48.1	2.0	0.0%
7:30 AM	6	30.0	5.4	0.3	19.4	1.0	0.0%
7:30 AM	7	30.0	3.5	0.2	18.8	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	14.7	0.5	88.1	2.5	0.0%
7:30 AM	9	30.0	3.4	0.2	20.9	1.0	0.0%
7:30 AM	10	30.0	4.9	0.2	22.2	1.0	0.0%
7:45 AM	1	30.0	2.1	0.1	16.3	1.0	0.0%
7:45 AM	2	30.0	2.5	0.1	16.0	1.0	0.0%
7:45 AM	3	30.0	3.3	0.2	16.1	1.0	0.0%
7:45 AM	4	30.0	11.3	0.5	44.5	2.0	0.0%
7:45 AM	5	30.0	2.3	0.1	16.7	1.0	0.0%
7:45 AM	6	30.0	8.9	0.4	45.0	2.0	0.0%
7:45 AM	7	30.0	6.5	0.3	46.5	2.0	0.0%
7:45 AM	8	30.0	3.7	0.2	27.6	1.0	0.0%
7:45 AM	9	30.0	9.2	0.3	48.5	1.5	0.0%
7:45 AM	10	30.0	6.7	0.3	39.2	1.5	0.0%
8:00 AM	1	29.0	11.9	0.4	61.3	2.2	0.0%
8:00 AM	2	29.0	5.0	0.2	26.1	1.0	0.0%
8:00 AM	3	29.0	9.8	0.4	38.9	1.6	0.0%
8:00 AM	4	29.0	3.5	0.2	21.8	1.0	0.0%
8:00 AM	5	29.0	2.7	0.1	13.6	1.0	0.0%
8:00 AM	6	29.0	4.2	0.2	23.0	1.0	0.0%
8:00 AM	7	29.0	7.9	0.4	23.6	1.0	0.0%
8:00 AM	8	29.0	8.3	0.3	57.5	2.0	0.0%
8:00 AM	9	29.0	4.0	0.2	19.0	1.0	0.0%
8:00 AM	10	29.0	9.1	0.4	48.8	2.0	0.0%
7:15 AM	Avg	30.0	7.3	0.3	38.6	1.6	0.0%
7:30 AM	Avg	30.0	6.1	0.3	33.6	1.3	0.0%
7:45 AM	Avg	30.0	5.7	0.3	31.6	1.4	0.0%
8:00 AM	Avg	29.0	6.6	0.3	33.4	1.4	0.0%

NB T on GREAT LAKES BLVD NW - Lane ID 274851

7:15 AM	1	30.0	6.5	0.2	27.7	1.0	0.0%
7:15 AM	2	30.0	3.9	0.2	17.5	1.0	0.0%
7:15 AM	3	30.0	3.4	0.2	21.4	1.0	0.0%
7:15 AM	4	30.0	3.0	0.1	22.2	1.0	0.0%
7:15 AM	5	30.0	3.6	0.2	19.6	1.0	0.0%
7:15 AM	6	30.0	5.8	0.2	50.3	2.0	0.0%
7:15 AM	7	30.0	6.6	0.3	34.5	1.5	0.0%
7:15 AM	8	30.0	11.6	0.4	61.5	2.0	0.0%
7:15 AM	9	30.0	10.4	0.4	56.5	2.0	0.0%
7:15 AM	10	30.0	5.0	0.2	23.7	1.0	0.0%
7:30 AM	1	30.0	3.0	0.1	21.5	1.0	0.0%
7:30 AM	2	30.0	1.6	0.1	15.9	1.0	0.0%
7:30 AM	3	30.0	5.6	0.3	44.4	2.0	0.0%
7:30 AM	4	30.0	6.7	0.2	24.0	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	2.8	0.1	20.1	1.0	0.0%
7:30 AM	6	30.0	5.1	0.2	36.7	1.5	0.0%
7:30 AM	7	30.0	2.4	0.1	16.9	1.0	0.0%
7:30 AM	8	30.0	2.8	0.2	17.2	1.0	0.0%
7:30 AM	9	30.0	1.1	0.1	9.0	0.5	0.0%
7:30 AM	10	30.0	3.7	0.2	18.8	1.0	0.0%
7:45 AM	1	30.0	6.7	0.3	52.7	2.0	0.0%
7:45 AM	2	30.0	3.8	0.2	19.4	1.0	0.0%
7:45 AM	3	30.0	7.7	0.4	45.7	2.0	0.0%
7:45 AM	4	30.0	5.4	0.3	26.2	1.0	0.0%
7:45 AM	5	30.0	2.6	0.1	22.6	1.0	0.0%
7:45 AM	6	30.0	6.9	0.3	42.6	2.0	0.0%
7:45 AM	7	30.0	3.6	0.2	19.0	1.0	0.0%
7:45 AM	8	30.0	7.5	0.3	29.5	1.0	0.0%
7:45 AM	9	30.0	4.8	0.2	27.9	1.0	0.0%
7:45 AM	10	30.0	6.2	0.3	39.2	1.5	0.0%
8:00 AM	1	29.0	7.4	0.3	35.6	1.0	0.0%
8:00 AM	2	29.0	6.4	0.3	42.6	2.0	0.0%
8:00 AM	3	29.0	1.0	0.1	5.6	0.6	0.0%
8:00 AM	4	29.0	6.2	0.2	46.5	1.0	0.0%
8:00 AM	5	29.0	3.1	0.2	17.0	1.0	0.0%
8:00 AM	6	29.0	2.4	0.1	15.9	1.0	0.0%
8:00 AM	7	29.0	8.2	0.4	38.6	1.6	0.0%
8:00 AM	8	29.0	9.0	0.3	55.2	2.0	0.0%
8:00 AM	9	29.0	6.8	0.3	41.2	2.0	0.0%
8:00 AM	10	29.0	3.3	0.2	17.0	1.0	0.0%
7:15 AM	Avg	30.0	6.0	0.2	33.5	1.4	0.0%
7:30 AM	Avg	30.0	3.5	0.2	22.5	1.1	0.0%
7:45 AM	Avg	30.0	5.5	0.3	32.5	1.4	0.0%
8:00 AM	Avg	29.0	5.4	0.2	31.5	1.3	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274806

7:15 AM	1	30.0	2.3	0.1	17.5	1.0	0.0%
7:15 AM	2	30.0	2.2	0.1	16.4	1.0	0.0%
7:15 AM	3	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	4	30.0	4.9	0.3	38.6	2.0	0.0%
7:15 AM	5	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	6	30.0	1.6	0.1	15.3	1.0	0.0%
7:15 AM	7	30.0	2.2	0.1	16.2	1.0	0.0%
7:15 AM	8	30.0	0.4	0.0	0.0	0.0	0.0%
7:15 AM	9	30.0	1.2	0.1	0.0	0.0	0.0%
7:15 AM	10	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	3.2	0.2	22.8	1.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	1.9	0.1	15.6	1.0	0.0%
7:30 AM	4	30.0	1.8	0.1	18.4	1.0	0.0%
7:30 AM	5	30.0	2.3	0.1	17.6	1.0	0.0%
7:30 AM	6	30.0	2.3	0.1	9.9	0.5	0.0%
7:30 AM	7	30.0	2.5	0.1	13.3	1.0	0.0%
7:30 AM	8	30.0	1.0	0.1	5.1	0.5	0.0%
7:30 AM	9	30.0	1.8	0.1	17.5	1.0	0.0%
7:30 AM	10	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	3.5	0.2	24.4	1.0	0.0%
7:45 AM	2	30.0	1.3	0.1	8.0	0.5	0.0%
7:45 AM	3	30.0	1.7	0.1	16.7	1.0	0.0%
7:45 AM	4	30.0	1.4	0.1	12.7	1.0	0.0%
7:45 AM	5	30.0	2.8	0.2	17.5	1.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	3.8	0.2	18.5	1.0	0.0%
7:45 AM	9	30.0	4.2	0.2	26.7	1.5	0.0%
7:45 AM	10	30.0	1.7	0.1	15.6	1.0	0.0%
8:00 AM	1	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	1.5	0.1	10.3	0.6	0.0%
8:00 AM	3	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	3.5	0.2	19.1	1.0	0.0%
8:00 AM	5	29.0	2.3	0.1	18.9	1.0	0.0%
8:00 AM	6	29.0	1.0	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	2.4	0.1	18.9	1.0	0.0%
8:00 AM	8	29.0	3.7	0.1	23.6	0.6	0.0%
8:00 AM	9	29.0	2.7	0.1	22.0	1.2	0.0%
8:00 AM	10	29.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	Avg	30.0	1.6	0.1	10.4	0.6	0.0%
7:30 AM	Avg	30.0	1.8	0.1	12.0	0.7	0.0%
7:45 AM	Avg	30.0	2.1	0.1	14.0	0.8	0.0%
8:00 AM	Avg	29.0	1.9	0.1	11.3	0.5	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

7:15 AM	1	30.0	14.8	0.6	58.1	2.0	0.0%
7:15 AM	2	30.0	19.4	0.7	66.4	2.5	0.0%
7:15 AM	3	30.0	17.3	0.6	97.1	3.0	0.0%
7:15 AM	4	30.0	15.1	0.7	69.3	2.5	0.0%
7:15 AM	5	30.0	17.4	0.7	92.5	3.5	0.0%
7:15 AM	6	30.0	19.9	0.7	91.5	3.0	0.0%
7:15 AM	7	30.0	10.4	0.5	45.2	2.0	0.0%
7:15 AM	8	30.0	11.4	0.5	52.3	2.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	17.0	0.6	109.8	3.5	0.0%
7:15 AM	10	30.0	9.5	0.4	47.8	2.0	0.0%
7:30 AM	1	30.0	13.1	0.5	61.2	2.0	0.0%
7:30 AM	2	30.0	15.5	0.7	60.9	2.5	0.0%
7:30 AM	3	30.0	6.8	0.3	43.6	2.0	0.0%
7:30 AM	4	30.0	5.8	0.3	34.4	1.5	0.0%
7:30 AM	5	30.0	18.5	0.6	70.2	2.0	0.0%
7:30 AM	6	30.0	13.3	0.6	50.6	2.0	0.0%
7:30 AM	7	30.0	23.2	0.9	99.5	3.5	0.0%
7:30 AM	8	30.0	18.5	0.7	70.8	3.0	0.0%
7:30 AM	9	30.0	7.5	0.4	35.6	1.5	0.0%
7:30 AM	10	30.0	19.3	0.8	55.8	2.0	0.0%
7:45 AM	1	30.0	14.2	0.6	75.6	3.0	0.0%
7:45 AM	2	30.0	12.3	0.6	56.4	2.0	0.0%
7:45 AM	3	30.0	13.6	0.5	76.0	3.0	0.0%
7:45 AM	4	30.0	14.2	0.5	66.1	2.5	0.0%
7:45 AM	5	30.0	20.4	1.0	84.6	3.5	0.0%
7:45 AM	6	30.0	7.0	0.3	37.4	1.5	0.0%
7:45 AM	7	30.0	9.9	0.5	37.7	1.5	0.0%
7:45 AM	8	30.0	12.0	0.5	48.6	2.0	0.0%
7:45 AM	9	30.0	7.6	0.3	39.2	1.5	0.0%
7:45 AM	10	30.0	17.5	0.7	68.3	2.5	0.0%
8:00 AM	1	29.0	13.1	0.6	68.2	2.6	0.0%
8:00 AM	2	29.0	13.3	0.6	50.9	2.0	0.0%
8:00 AM	3	29.0	10.6	0.5	45.8	2.0	0.0%
8:00 AM	4	29.0	21.0	0.9	65.2	3.0	0.0%
8:00 AM	5	29.0	11.7	0.4	63.5	2.0	0.0%
8:00 AM	6	29.0	20.7	0.9	84.7	3.6	0.0%
8:00 AM	7	29.0	18.0	0.7	96.2	2.6	0.0%
8:00 AM	8	29.0	14.6	0.5	64.2	2.0	0.0%
8:00 AM	9	29.0	10.5	0.4	57.8	1.6	0.0%
8:00 AM	10	29.0	28.1	1.0	116.4	4.0	0.0%
7:15 AM	Avg	30.0	15.2	0.6	73.0	2.6	0.0%
7:30 AM	Avg	30.0	14.2	0.6	58.3	2.2	0.0%
7:45 AM	Avg	30.0	12.9	0.6	59.0	2.3	0.0%
8:00 AM	Avg	29.0	16.2	0.7	71.3	2.5	0.0%
SEB T on LAKE AVE NW - Lane ID 274813							
7:15 AM	1	30.0	588.5	19.8	870.8	31.0	66.7%
7:15 AM	2	30.0	610.9	20.4	871.7	31.0	63.3%
7:15 AM	3	30.0	454.4	15.8	717.0	24.0	3.3%
7:15 AM	4	30.0	409.4	14.7	830.9	29.0	6.7%
7:15 AM	5	30.0	663.1	23.2	870.4	32.0	60.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	609.9	19.1	877.6	29.6	63.3%
7:15 AM	7	30.0	501.5	16.7	866.3	30.0	36.7%
7:15 AM	8	30.0	486.7	17.0	863.6	31.0	13.3%
7:15 AM	9	30.0	650.8	21.5	871.2	31.6	73.3%
7:15 AM	10	30.0	689.2	22.6	887.0	30.0	60.0%
7:30 AM	1	30.0	613.0	20.9	868.7	31.6	66.7%
7:30 AM	2	30.0	806.2	27.6	871.6	31.0	93.3%
7:30 AM	3	30.0	610.0	20.9	871.6	31.6	70.0%
7:30 AM	4	30.0	658.1	22.4	875.4	30.6	70.0%
7:30 AM	5	30.0	637.0	21.8	870.9	31.0	73.3%
7:30 AM	6	30.0	663.7	23.4	871.2	32.0	76.7%
7:30 AM	7	30.0	565.0	19.5	868.2	31.0	60.0%
7:30 AM	8	30.0	572.2	20.1	865.7	32.0	66.7%
7:30 AM	9	30.0	604.0	20.5	871.9	30.6	66.7%
7:30 AM	10	30.0	643.4	22.0	875.2	31.0	73.3%
7:45 AM	1	30.0	686.5	22.7	872.4	30.0	76.7%
7:45 AM	2	30.0	616.5	20.3	872.9	30.0	70.0%
7:45 AM	3	30.0	562.0	19.2	874.7	31.0	60.0%
7:45 AM	4	30.0	566.4	18.7	871.2	30.0	60.0%
7:45 AM	5	30.0	594.5	18.9	876.8	30.0	66.7%
7:45 AM	6	30.0	625.7	22.0	864.2	31.0	70.0%
7:45 AM	7	30.0	700.5	23.9	874.1	32.1	80.0%
7:45 AM	8	30.0	603.9	19.6	874.2	30.6	70.0%
7:45 AM	9	30.0	579.8	20.2	872.0	32.0	66.7%
7:45 AM	10	30.0	610.3	20.6	865.6	30.6	63.3%
8:00 AM	1	29.0	580.3	19.3	871.0	30.0	65.5%
8:00 AM	2	29.0	693.4	23.9	869.7	31.0	79.3%
8:00 AM	3	29.0	563.6	19.3	870.6	31.0	65.5%
8:00 AM	4	29.0	680.4	23.4	870.6	31.0	79.3%
8:00 AM	5	29.0	714.6	23.9	874.0	30.0	79.3%
8:00 AM	6	29.0	747.9	25.2	872.1	30.0	86.2%
8:00 AM	7	29.0	764.5	24.8	921.7	30.6	86.2%
8:00 AM	8	29.0	577.1	20.0	869.0	32.6	65.5%
8:00 AM	9	29.0	622.7	20.8	870.6	31.0	69.0%
8:00 AM	10	29.0	624.5	21.6	871.0	31.6	72.4%
7:15 AM	Avg	30.0	566.4	19.1	852.7	29.9	44.7%
7:30 AM	Avg	30.0	637.3	21.9	871.0	31.2	71.7%
7:45 AM	Avg	30.0	614.6	20.6	871.8	30.7	68.3%
8:00 AM	Avg	29.0	656.9	22.2	876.0	30.9	74.8%

WB T on LAKE AVE NW - Lane ID 274842

7:15 AM	1	30.0	1.4	0.1	9.1	0.5	0.0%
7:15 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	3.3	0.1	22.1	1.0	0.0%
7:15 AM	4	30.0	1.9	0.1	17.7	1.0	0.0%
7:15 AM	5	30.0	2.4	0.1	17.8	1.0	0.0%
7:15 AM	6	30.0	3.1	0.1	11.9	0.5	0.0%
7:15 AM	7	30.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	4.0	0.2	18.5	1.0	0.0%
7:15 AM	9	30.0	1.9	0.1	12.9	1.0	0.0%
7:15 AM	10	30.0	5.0	0.2	25.3	1.0	0.0%
7:30 AM	1	30.0	3.7	0.2	30.3	1.5	0.0%
7:30 AM	2	30.0	5.2	0.2	40.9	1.5	0.0%
7:30 AM	3	30.0	1.5	0.1	10.8	0.5	0.0%
7:30 AM	4	30.0	2.0	0.1	15.9	1.0	0.0%
7:30 AM	5	30.0	1.7	0.1	16.0	1.0	0.0%
7:30 AM	6	30.0	2.7	0.1	19.1	1.0	0.0%
7:30 AM	7	30.0	1.7	0.1	16.9	1.0	0.0%
7:30 AM	8	30.0	3.4	0.2	20.1	1.0	0.0%
7:30 AM	9	30.0	2.9	0.1	21.5	1.0	0.0%
7:30 AM	10	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	4.0	0.2	17.4	1.0	0.0%
7:45 AM	2	30.0	2.8	0.1	15.5	1.0	0.0%
7:45 AM	3	30.0	0.7	0.1	1.7	0.5	0.0%
7:45 AM	4	30.0	1.8	0.1	16.6	1.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	5.4	0.2	29.6	1.0	0.0%
7:45 AM	7	30.0	4.1	0.2	18.1	1.0	0.0%
7:45 AM	8	30.0	2.6	0.1	18.0	1.0	0.0%
7:45 AM	9	30.0	3.0	0.2	16.2	1.0	0.0%
7:45 AM	10	30.0	2.4	0.0	0.0	0.0	0.0%
8:00 AM	1	29.0	4.6	0.2	38.0	2.0	0.0%
8:00 AM	2	29.0	1.5	0.1	9.6	0.6	0.0%
8:00 AM	3	29.0	0.8	0.1	2.8	0.6	0.0%
8:00 AM	4	29.0	1.2	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	3.1	0.2	17.4	1.0	0.0%
8:00 AM	6	29.0	3.0	0.1	21.0	1.0	0.0%
8:00 AM	7	29.0	2.5	0.1	17.9	1.0	0.0%
8:00 AM	8	29.0	1.8	0.1	17.0	1.0	0.0%
8:00 AM	9	29.0	4.1	0.1	25.3	1.0	0.0%
8:00 AM	10	29.0	1.6	0.1	13.7	0.6	0.0%
7:15 AM	Avg	30.0	2.4	0.1	13.5	0.7	0.0%
7:30 AM	Avg	30.0	2.5	0.1	19.2	1.0	0.0%
7:45 AM	Avg	30.0	2.7	0.1	13.3	0.8	0.0%
8:00 AM	Avg	29.0	2.4	0.1	16.3	0.9	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB T on LAKE AVE NW - Lane ID 274843							
7:15 AM	1	30.0	1.8	0.1	8.6	0.5	0.0%
7:15 AM	2	30.0	0.7	0.1	4.3	0.5	0.0%
7:15 AM	3	30.0	9.2	0.4	55.1	2.0	0.0%
7:15 AM	4	30.0	3.6	0.2	17.1	1.0	0.0%
7:15 AM	5	30.0	1.6	0.1	14.2	1.0	0.0%
7:15 AM	6	30.0	2.5	0.1	18.8	1.0	0.0%
7:15 AM	7	30.0	5.5	0.2	36.6	1.5	0.0%
7:15 AM	8	30.0	7.1	0.3	38.4	1.0	0.0%
7:15 AM	9	30.0	0.3	0.0	0.0	0.0	0.0%
7:15 AM	10	30.0	6.6	0.3	28.5	1.0	0.0%
7:30 AM	1	30.0	2.7	0.1	17.3	1.0	0.0%
7:30 AM	2	30.0	4.2	0.2	20.4	1.0	0.0%
7:30 AM	3	30.0	0.7	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	1.8	0.1	7.9	0.5	0.0%
7:30 AM	5	30.0	4.4	0.2	24.7	1.0	0.0%
7:30 AM	6	30.0	1.9	0.1	18.6	1.0	0.0%
7:30 AM	7	30.0	2.4	0.1	17.7	1.0	0.0%
7:30 AM	8	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	4.4	0.1	12.4	0.5	0.0%
7:30 AM	10	30.0	8.9	0.3	69.7	2.1	0.0%
7:45 AM	1	30.0	1.1	0.1	8.2	0.5	0.0%
7:45 AM	2	30.0	5.8	0.2	30.7	1.5	0.0%
7:45 AM	3	30.0	6.7	0.3	41.1	1.5	0.0%
7:45 AM	4	30.0	6.0	0.3	43.8	2.0	0.0%
7:45 AM	5	30.0	2.1	0.1	12.7	0.5	0.0%
7:45 AM	6	30.0	5.9	0.3	20.1	1.0	0.0%
7:45 AM	7	30.0	3.1	0.2	19.9	1.0	0.0%
7:45 AM	8	30.0	3.1	0.2	18.7	1.0	0.0%
7:45 AM	9	30.0	5.7	0.3	35.7	1.5	0.0%
7:45 AM	10	30.0	2.9	0.2	17.8	1.0	0.0%
8:00 AM	1	29.0	1.9	0.1	11.0	0.6	0.0%
8:00 AM	2	29.0	6.4	0.2	31.9	1.6	0.0%
8:00 AM	3	29.0	5.9	0.3	42.3	2.0	0.0%
8:00 AM	4	29.0	2.4	0.1	17.3	1.0	0.0%
8:00 AM	5	29.0	5.5	0.2	27.2	1.6	0.0%
8:00 AM	6	29.0	3.1	0.1	17.8	1.0	0.0%
8:00 AM	7	29.0	3.1	0.1	20.9	1.0	0.0%
8:00 AM	8	29.0	3.3	0.2	29.2	1.6	0.0%
8:00 AM	9	29.0	3.8	0.1	0.0	0.0	0.0%
8:00 AM	10	29.0	1.9	0.1	16.0	1.0	0.0%
7:15 AM	Avg	30.0	3.9	0.2	22.2	1.0	0.0%
7:30 AM	Avg	30.0	3.2	0.1	18.9	0.8	0.0%
7:45 AM	Avg	30.0	4.2	0.2	24.9	1.2	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	3.7	0.2	21.4	1.1	0.0%

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	1.6	1.1	0.0	3.7	10
7:30 AM	1.2	0.8	0.0	2.3	10
7:45 AM	1.3	0.9	0.0	3.1	10
8:00 AM	1.6	2.1	0.0	6.7	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	2.8	2.1	0.6	7.7	10
7:30 AM	2.1	0.9	0.7	3.8	10
7:45 AM	3.0	2.1	0.0	6.1	10
8:00 AM	2.7	2.1	0.6	6.6	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	4.2	1.8	0.6	7.5	10
7:30 AM	4.7	2.3	1.0	8.2	10
7:45 AM	3.6	1.4	1.6	5.2	10
8:00 AM	4.1	2.0	2.0	8.4	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	8.0	4.7	2.5	16.9	10
7:30 AM	8.7	3.7	2.9	14.1	10
7:45 AM	9.6	3.4	5.5	16.8	10
8:00 AM	5.6	2.7	2.5	12.1	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	7.1	3.4	3.2	14.7	10
7:30 AM	7.4	2.1	2.9	11.1	10
7:45 AM	10.1	5.2	1.6	17.1	10
8:00 AM	7.4	2.9	4.0	12.3	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	7.3	4.6	2.7	16.0	10
7:30 AM	6.1	3.4	3.4	14.7	10
7:45 AM	5.7	3.3	2.1	11.3	10
8:00 AM	6.6	3.1	2.7	11.9	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	6.0	2.9	3.0	11.6	10
7:30 AM	3.5	1.8	1.1	6.7	10
7:45 AM	5.5	1.8	2.6	7.7	10
8:00 AM	5.4	2.7	1.0	9.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	1.6	1.4	0.4	4.9	10
7:30 AM	1.8	0.9	0.5	3.2	10
7:45 AM	2.1	1.4	0.0	4.2	10
8:00 AM	1.9	1.2	0.5	3.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	15.2	3.7	9.5	19.9	10
7:30 AM	14.2	5.9	5.8	23.2	10
7:45 AM	12.9	4.1	7.0	20.4	10
8:00 AM	16.2	5.7	10.5	28.1	10
SEB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	566.4	96.4	409.4	689.2	10
7:30 AM	637.3	68.0	565.0	806.2	10
7:45 AM	614.6	46.6	562.0	700.5	10
8:00 AM	656.9	73.2	563.6	764.5	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	2.4	1.5	0.0	5.0	10
7:30 AM	2.5	1.3	0.5	5.2	10
7:45 AM	2.7	1.6	0.0	5.4	10
8:00 AM	2.4	1.3	0.8	4.6	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	3.9	3.0	0.3	9.2	10
7:30 AM	3.2	2.4	0.6	8.9	10
7:45 AM	4.2	2.0	1.1	6.7	10
8:00 AM	3.7	1.6	1.9	6.4	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.1	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.0	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.3	10
8:00 AM	0.1	0.1	0.0	0.2	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.2	0.1	0.0	0.3	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.4	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.3	0.2	0.1	0.7	10
7:30 AM	0.4	0.2	0.1	0.6	10
7:45 AM	0.4	0.1	0.3	0.6	10
8:00 AM	0.3	0.1	0.1	0.5	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.3	0.1	0.2	0.6	10
7:30 AM	0.3	0.1	0.1	0.4	10
7:45 AM	0.4	0.2	0.1	0.7	10
8:00 AM	0.3	0.1	0.2	0.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.3	0.2	0.1	0.6	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.3	0.1	0.1	0.5	10
8:00 AM	0.3	0.1	0.1	0.4	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.3	0.1	0.1	0.4	10
8:00 AM	0.2	0.1	0.1	0.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.6	0.1	0.4	0.7	10
7:30 AM	0.6	0.2	0.3	0.9	10
7:45 AM	0.6	0.2	0.3	1.0	10
8:00 AM	0.7	0.2	0.4	1.0	10
SEB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	19.1	2.9	14.7	23.2	10
7:30 AM	21.9	2.3	19.5	27.6	10
7:45 AM	20.6	1.7	18.7	23.9	10
8:00 AM	22.2	2.3	19.3	25.2	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.2	0.1	0.0	0.4	10
7:30 AM	0.1	0.1	0.0	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.3	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	10.3	6.8	0.0	18.3	10
7:30 AM	7.0	8.1	0.0	20.6	10
7:45 AM	7.1	7.1	0.0	18.6	10
8:00 AM	7.8	10.3	0.0	30.5	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	17.2	14.2	0.0	52.0	10
7:30 AM	13.7	8.6	0.0	25.9	10
7:45 AM	17.3	11.9	0.0	34.6	10
8:00 AM	13.7	12.4	0.0	34.4	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	19.4	8.4	0.0	30.1	10
7:30 AM	26.0	14.0	8.4	56.2	10
7:45 AM	21.5	6.0	15.8	32.6	10
8:00 AM	21.5	7.0	15.4	33.6	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	40.0	21.0	11.1	75.4	10
7:30 AM	40.5	13.8	21.1	58.1	10
7:45 AM	49.8	17.3	35.0	94.2	10
8:00 AM	32.4	17.4	16.3	68.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	37.1	11.0	18.5	51.3	10
7:30 AM	41.9	14.7	19.7	74.1	10
7:45 AM	53.8	24.9	8.1	83.6	10
8:00 AM	44.4	18.7	18.6	73.2	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	38.6	18.2	16.7	73.1	10
7:30 AM	33.6	21.9	18.8	88.1	10
7:45 AM	31.6	14.4	16.0	48.5	10
8:00 AM	33.4	17.1	13.6	61.3	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	33.5	16.5	17.5	61.5	10
7:30 AM	22.5	10.5	9.0	44.4	10
7:45 AM	32.5	11.8	19.0	52.7	10
8:00 AM	31.5	16.3	5.6	55.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	10.4	12.8	0.0	38.6	10
7:30 AM	12.0	8.0	0.0	22.8	10
7:45 AM	14.0	9.1	0.0	26.7	10
8:00 AM	11.3	10.3	0.0	23.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	73.0	23.0	45.2	109.8	10
7:30 AM	58.3	19.4	34.4	99.5	10
7:45 AM	59.0	17.6	37.4	84.6	10
8:00 AM	71.3	21.7	45.8	116.4	10
SEB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	852.7	49.8	717.0	887.0	10
7:30 AM	871.0	3.0	865.7	875.4	10
7:45 AM	871.8	4.0	864.2	876.8	10
8:00 AM	876.0	16.1	869.0	921.7	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	13.5	8.6	0.0	25.3	10
7:30 AM	19.2	10.9	0.0	40.9	10
7:45 AM	13.3	9.7	0.0	29.6	10
8:00 AM	16.3	10.9	0.0	38.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	22.2	17.3	0.0	55.1	10
7:30 AM	18.9	19.7	0.0	69.7	10
7:45 AM	24.9	12.2	8.2	43.8	10
8:00 AM	21.4	11.9	0.0	42.3	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.6	0.4	0.0	1.0	10
7:30 AM	0.4	0.4	0.0	1.0	10
7:45 AM	0.4	0.4	0.0	1.0	10
8:00 AM	0.4	0.4	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.9	0.6	0.0	2.0	10
7:30 AM	0.7	0.4	0.0	1.1	10
7:45 AM	0.8	0.4	0.0	1.1	10
8:00 AM	0.7	0.5	0.0	1.6	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.9	0.3	0.0	1.0	10
7:30 AM	1.2	0.4	0.5	2.0	10
7:45 AM	1.1	0.2	1.0	1.5	10
8:00 AM	1.1	0.3	1.0	1.6	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	1.6	0.7	0.5	3.0	10
7:30 AM	1.5	0.5	1.0	2.0	10
7:45 AM	1.9	0.4	1.5	2.5	10
8:00 AM	1.4	0.6	1.0	2.6	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	1.5	0.4	1.0	2.0	10
7:30 AM	1.7	0.5	1.0	2.5	10
7:45 AM	2.0	0.8	0.5	3.1	10
8:00 AM	1.8	0.7	1.0	2.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	1.6	0.7	1.0	3.0	10
7:30 AM	1.3	0.5	1.0	2.5	10
7:45 AM	1.4	0.5	1.0	2.0	10
8:00 AM	1.4	0.5	1.0	2.2	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	1.4	0.5	1.0	2.0	10
7:30 AM	1.1	0.4	0.5	2.0	10
7:45 AM	1.4	0.5	1.0	2.0	10
8:00 AM	1.3	0.5	0.6	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.6	0.7	0.0	2.0	10
7:30 AM	0.7	0.4	0.0	1.0	10
7:45 AM	0.8	0.5	0.0	1.5	10
8:00 AM	0.5	0.5	0.0	1.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	2.6	0.6	2.0	3.5	10
7:30 AM	2.2	0.6	1.5	3.5	10
7:45 AM	2.3	0.7	1.5	3.5	10
8:00 AM	2.5	0.8	1.6	4.0	10
SEB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	29.9	2.3	24.0	32.0	10
7:30 AM	31.2	0.5	30.6	32.0	10
7:45 AM	30.7	0.8	30.0	32.1	10
8:00 AM	30.9	0.8	30.0	32.6	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.7	0.4	0.0	1.0	10
7:30 AM	1.0	0.4	0.0	1.5	10
7:45 AM	0.8	0.4	0.0	1.0	10
8:00 AM	0.9	0.5	0.0	2.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	1.0	0.6	0.0	2.0	10
7:30 AM	0.8	0.6	0.0	2.1	10
7:45 AM	1.2	0.5	0.5	2.0	10
8:00 AM	1.1	0.6	0.0	2.0	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on LAKE AVE NW - Lane ID 274813					
7:15 AM	0.4	0.3	0.0	0.7	10
7:30 AM	0.7	0.1	0.6	0.9	10
7:45 AM	0.7	0.1	0.6	0.8	10
8:00 AM	0.7	0.1	0.7	0.9	10
WB T on LAKE AVE NW - Lane ID 274842					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT **NODE: 7**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	1	78.0	0.10	5.4	A
3:30 PM	2	82.0	0.10	5.5	A
3:30 PM	3	78.0	0.10	5.4	A
3:30 PM	4	77.0	0.10	5.7	A
3:30 PM	5	75.0	0.10	6.2	A
3:30 PM	6	74.0	0.10	5.2	A
3:30 PM	7	79.0	0.10	5.7	A
3:30 PM	8	78.0	0.10	5.1	A
3:30 PM	9	80.0	0.10	5.9	A
3:30 PM	10	76.0	0.10	5.6	A
3:45 PM	1	80.0	0.10	5.3	A
3:45 PM	2	75.0	0.10	6.1	A
3:45 PM	3	74.0	0.10	5.8	A
3:45 PM	4	76.0	0.10	5.6	A
3:45 PM	5	79.0	0.10	4.9	A
3:45 PM	6	78.0	0.10	5.1	A
3:45 PM	7	78.0	0.10	5.5	A
3:45 PM	8	78.0	0.10	5.5	A
3:45 PM	9	76.0	0.10	5.7	A
3:45 PM	10	78.0	0.10	5.1	A
4:00 PM	1	79.0	0.10	5.3	A
4:00 PM	2	78.0	0.10	5.7	A
4:00 PM	3	77.0	0.10	5.0	A
4:00 PM	4	80.0	0.10	5.8	A
4:00 PM	5	77.0	0.10	4.5	A
4:00 PM	6	79.0	0.10	5.3	A
4:00 PM	7	76.0	0.10	4.9	A
4:00 PM	8	76.0	0.10	5.9	A
4:00 PM	9	79.0	0.10	5.9	A
4:00 PM	10	78.0	0.10	5.0	A
4:15 PM	1	75.0	0.10	5.7	A
4:15 PM	2	78.0	0.10	6.0	A
4:15 PM	3	81.0	0.10	5.3	A
4:15 PM	4	75.0	0.10	5.5	A
4:15 PM	5	78.0	0.10	5.1	A
4:15 PM	6	76.0	0.10	4.8	A
4:15 PM	7	78.0	0.10	5.5	A
4:15 PM	8	80.0	0.10	5.8	A
4:15 PM	9	79.0	0.10	4.9	A
4:15 PM	10	80.0	0.10	5.6	A
3:30 PM	Avg	77.7	0.10	5.6	A
3:45 PM	Avg	77.2	0.10	5.5	A
4:00 PM	Avg	77.9	0.10	5.3	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	78.0	0.10	5.4	A
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	1	131.0	0.20	6.1	A
3:30 PM	2	139.0	0.20	6.4	A
3:30 PM	3	130.0	0.20	6.0	A
3:30 PM	4	138.0	0.20	5.8	A
3:30 PM	5	136.0	0.20	6.3	A
3:30 PM	6	133.0	0.20	6.1	A
3:30 PM	7	131.0	0.20	6.1	A
3:30 PM	8	139.0	0.30	7.0	A
3:30 PM	9	136.0	0.20	6.4	A
3:30 PM	10	133.0	0.20	5.9	A
3:45 PM	1	138.0	0.20	6.2	A
3:45 PM	2	134.0	0.20	6.1	A
3:45 PM	3	133.0	0.20	6.1	A
3:45 PM	4	132.0	0.20	6.0	A
3:45 PM	5	130.0	0.20	6.3	A
3:45 PM	6	134.0	0.20	6.7	A
3:45 PM	7	138.0	0.20	5.9	A
3:45 PM	8	132.0	0.20	6.2	A
3:45 PM	9	135.0	0.20	5.4	A
3:45 PM	10	139.0	0.20	6.2	A
4:00 PM	1	132.0	0.20	6.4	A
4:00 PM	2	135.0	0.30	7.1	A
4:00 PM	3	137.0	0.20	6.1	A
4:00 PM	4	135.0	0.20	6.2	A
4:00 PM	5	134.0	0.20	6.3	A
4:00 PM	6	139.0	0.30	6.5	A
4:00 PM	7	132.0	0.20	6.2	A
4:00 PM	8	136.0	0.20	6.5	A
4:00 PM	9	136.0	0.20	6.5	A
4:00 PM	10	133.0	0.20	6.3	A
4:15 PM	1	135.0	0.20	5.7	A
4:15 PM	2	135.0	0.20	6.0	A
4:15 PM	3	138.0	0.20	6.0	A
4:15 PM	4	136.0	0.20	6.1	A
4:15 PM	5	138.0	0.20	6.1	A
4:15 PM	6	129.0	0.20	6.0	A
4:15 PM	7	132.0	0.20	6.7	A
4:15 PM	8	136.0	0.20	6.3	A
4:15 PM	9	133.0	0.20	5.4	A
4:15 PM	10	134.0	0.20	6.2	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	134.6	0.21	6.2	A
3:45 PM	Avg	134.5	0.20	6.1	A
4:00 PM	Avg	134.9	0.22	6.4	A
4:15 PM	Avg	134.6	0.20	6.0	A
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	1	73.0	0.30	16.2	C
3:30 PM	2	70.0	0.30	15.0	C
3:30 PM	3	71.0	0.40	20.0	C
3:30 PM	4	72.0	0.40	20.6	C
3:30 PM	5	71.0	0.30	13.6	B
3:30 PM	6	74.0	0.40	21.3	C
3:30 PM	7	74.0	0.40	20.4	C
3:30 PM	8	71.0	0.40	17.8	C
3:30 PM	9	72.0	0.30	15.6	C
3:30 PM	10	74.0	0.50	22.2	C
3:45 PM	1	71.0	0.50	24.9	C
3:45 PM	2	75.0	0.80	36.2	E
3:45 PM	3	72.0	0.40	21.7	C
3:45 PM	4	72.0	0.40	20.3	C
3:45 PM	5	72.0	0.50	23.2	C
3:45 PM	6	69.0	0.50	23.8	C
3:45 PM	7	71.0	0.40	22.7	C
3:45 PM	8	73.0	0.40	19.7	C
3:45 PM	9	73.0	0.30	13.4	B
3:45 PM	10	68.0	0.40	21.4	C
4:00 PM	1	73.0	0.30	16.4	C
4:00 PM	2	73.0	0.30	16.6	C
4:00 PM	3	76.0	0.50	21.4	C
4:00 PM	4	70.0	0.40	21.1	C
4:00 PM	5	76.0	0.50	25.6	D
4:00 PM	6	75.0	0.70	35.1	E
4:00 PM	7	75.0	0.30	15.5	C
4:00 PM	8	75.0	0.70	33.7	D
4:00 PM	9	73.0	0.40	18.8	C
4:00 PM	10	77.0	0.60	28.0	D
4:15 PM	1	72.0	0.30	16.7	C
4:15 PM	2	72.0	0.40	20.5	C
4:15 PM	3	71.0	0.30	16.2	C
4:15 PM	4	78.0	0.70	32.1	D
4:15 PM	5	70.0	0.30	16.2	C
4:15 PM	6	71.0	0.30	16.5	C
4:15 PM	7	71.0	0.40	21.7	C

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	70.0	0.50	24.4	C
4:15 PM	9	70.0	0.50	25.6	D
4:15 PM	10	71.0	0.30	17.3	C
3:30 PM	Avg	72.2	0.37	18.3	C
3:45 PM	Avg	71.6	0.46	22.7	C
4:00 PM	Avg	74.3	0.47	23.2	C
4:15 PM	Avg	71.6	0.40	20.7	C

SWB T on [Unnamed Street]: Lane ID 274793

3:30 PM	1	100.0	0.30	9.5	A
3:30 PM	2	99.0	0.20	7.8	A
3:30 PM	3	98.0	0.20	7.5	A
3:30 PM	4	99.0	0.20	7.5	A
3:30 PM	5	102.0	0.30	10.0	A
3:30 PM	6	101.0	0.20	8.1	A
3:30 PM	7	101.0	0.30	9.0	A
3:30 PM	8	100.0	0.20	7.8	A
3:30 PM	9	100.0	0.30	10.7	B
3:30 PM	10	97.0	0.20	8.4	A
3:45 PM	1	100.0	0.30	9.7	A
3:45 PM	2	101.0	0.30	8.9	A
3:45 PM	3	102.0	0.30	9.4	A
3:45 PM	4	100.0	0.30	10.5	B
3:45 PM	5	99.0	0.30	9.4	A
3:45 PM	6	99.0	0.20	8.8	A
3:45 PM	7	98.0	0.20	8.2	A
3:45 PM	8	99.0	0.30	9.2	A
3:45 PM	9	100.0	0.30	11.0	B
3:45 PM	10	101.0	0.20	7.1	A
4:00 PM	1	102.0	0.30	10.2	B
4:00 PM	2	100.0	0.30	9.8	A
4:00 PM	3	98.0	0.20	8.1	A
4:00 PM	4	101.0	0.30	9.9	A
4:00 PM	5	100.0	0.30	10.0	B
4:00 PM	6	101.0	0.30	10.5	B
4:00 PM	7	100.0	0.30	11.0	B
4:00 PM	8	97.0	0.30	9.4	A
4:00 PM	9	100.0	0.20	8.0	A
4:00 PM	10	99.0	0.30	9.1	A
4:15 PM	1	98.0	0.30	9.7	A
4:15 PM	2	101.0	0.30	9.7	A
4:15 PM	3	100.0	0.20	9.0	A
4:15 PM	4	99.0	0.30	11.0	B

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	99.0	0.30	10.5	B
4:15 PM	6	101.0	0.20	8.2	A
4:15 PM	7	103.0	0.20	8.2	A
4:15 PM	8	102.0	0.30	10.4	B
4:15 PM	9	99.0	0.20	7.5	A
4:15 PM	10	100.0	0.30	9.9	A
3:30 PM	Avg	99.7	0.24	8.6	A
3:45 PM	Avg	99.9	0.27	9.2	A
4:00 PM	Avg	99.8	0.28	9.6	A
4:15 PM	Avg	100.2	0.26	9.4	A
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	1	148.0	0.40	9.9	A
3:30 PM	2	143.0	0.30	7.6	A
3:30 PM	3	146.0	0.40	9.4	A
3:30 PM	4	146.0	0.30	7.4	A
3:30 PM	5	148.0	0.40	9.6	A
3:30 PM	6	150.0	0.40	8.5	A
3:30 PM	7	145.0	0.40	10.7	B
3:30 PM	8	146.0	0.40	9.5	A
3:30 PM	9	154.0	0.50	11.1	B
3:30 PM	10	151.0	0.40	9.9	A
3:45 PM	1	148.0	0.30	7.7	A
3:45 PM	2	146.0	0.30	8.1	A
3:45 PM	3	149.0	0.50	12.2	B
3:45 PM	4	151.0	0.50	11.9	B
3:45 PM	5	147.0	0.30	7.9	A
3:45 PM	6	146.0	0.30	7.8	A
3:45 PM	7	149.0	0.30	8.1	A
3:45 PM	8	148.0	0.50	12.8	B
3:45 PM	9	148.0	0.40	8.6	A
3:45 PM	10	142.0	0.40	10.0	A
4:00 PM	1	148.0	0.40	9.2	A
4:00 PM	2	151.0	0.70	16.0	C
4:00 PM	3	148.0	0.30	7.3	A
4:00 PM	4	149.0	0.40	9.0	A
4:00 PM	5	149.0	0.40	10.5	B
4:00 PM	6	147.0	0.50	13.5	B
4:00 PM	7	148.0	0.60	15.0	C
4:00 PM	8	150.0	0.40	9.5	A
4:00 PM	9	146.0	0.30	8.6	A
4:00 PM	10	151.0	0.50	12.3	B
4:15 PM	1	147.0	0.30	8.3	A

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	144.0	0.40	9.0	A
4:15 PM	3	147.0	0.40	8.9	A
4:15 PM	4	147.0	0.50	11.7	B
4:15 PM	5	147.0	0.30	7.8	A
4:15 PM	6	148.0	0.40	8.8	A
4:15 PM	7	144.0	0.30	7.6	A
4:15 PM	8	145.0	0.50	12.6	B
4:15 PM	9	142.0	0.40	9.5	A
4:15 PM	10	146.0	0.40	9.7	A
3:30 PM	Avg	147.7	0.39	9.4	A
3:45 PM	Avg	147.4	0.38	9.5	A
4:00 PM	Avg	148.7	0.45	11.1	B
4:15 PM	Avg	145.7	0.39	9.4	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	1	115.0	0.40	11.8	B
3:30 PM	2	111.0	0.40	11.9	B
3:30 PM	3	113.0	0.30	9.4	A
3:30 PM	4	112.0	0.30	10.0	B
3:30 PM	5	115.0	0.30	8.7	A
3:30 PM	6	113.0	0.40	11.7	B
3:30 PM	7	111.0	0.30	9.6	A
3:30 PM	8	114.0	0.40	11.8	B
3:30 PM	9	114.0	0.30	10.5	B
3:30 PM	10	111.0	0.30	9.6	A
3:45 PM	1	111.0	0.40	11.7	B
3:45 PM	2	111.0	0.30	9.8	A
3:45 PM	3	109.0	0.30	11.1	B
3:45 PM	4	114.0	0.30	10.0	A
3:45 PM	5	111.0	0.30	9.7	A
3:45 PM	6	111.0	0.30	10.9	B
3:45 PM	7	117.0	0.30	10.6	B
3:45 PM	8	113.0	0.30	9.6	A
3:45 PM	9	109.0	0.30	10.0	B
3:45 PM	10	115.0	0.30	10.3	B
4:00 PM	1	114.0	0.30	9.7	A
4:00 PM	2	116.0	0.50	14.0	B
4:00 PM	3	114.0	0.40	11.1	B
4:00 PM	4	111.0	0.30	11.2	B
4:00 PM	5	111.0	0.40	12.6	B
4:00 PM	6	115.0	0.30	10.7	B
4:00 PM	7	112.0	0.30	10.0	A
4:00 PM	8	112.0	0.30	8.9	A
4:00 PM	9	116.0	0.40	11.3	B
4:00 PM	10	113.0	0.30	10.6	B
4:15 PM	1	113.0	0.40	11.4	B
4:15 PM	2	110.0	0.30	10.2	B
4:15 PM	3	115.0	0.30	10.5	B
4:15 PM	4	113.0	0.30	9.4	A
4:15 PM	5	112.0	0.30	11.0	B
4:15 PM	6	113.0	0.30	10.1	B
4:15 PM	7	114.0	0.30	10.2	B
4:15 PM	8	114.0	0.40	11.7	B
4:15 PM	9	112.0	0.40	11.5	B
4:15 PM	10	112.0	0.30	9.8	A
3:30 PM	Avg	112.9	0.34	10.5	B
3:45 PM	Avg	112.1	0.31	10.4	B
4:00 PM	Avg	113.4	0.35	11.0	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	112.8	0.33	10.6	B
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	1	93.0	0.30	11.9	B
3:30 PM	2	94.0	0.20	9.0	A
3:30 PM	3	94.0	0.30	10.0	A
3:30 PM	4	97.0	0.30	9.4	A
3:30 PM	5	97.0	0.30	11.5	B
3:30 PM	6	95.0	0.30	11.3	B
3:30 PM	7	90.0	0.20	9.8	A
3:30 PM	8	94.0	0.40	14.6	B
3:30 PM	9	95.0	0.30	10.6	B
3:30 PM	10	93.0	0.20	9.5	A
3:45 PM	1	96.0	0.40	14.2	B
3:45 PM	2	95.0	0.30	9.8	A
3:45 PM	3	96.0	0.30	9.9	A
3:45 PM	4	94.0	0.30	10.9	B
3:45 PM	5	94.0	0.20	9.2	A
3:45 PM	6	96.0	0.30	10.5	B
3:45 PM	7	100.0	0.30	11.2	B
3:45 PM	8	95.0	0.30	10.3	B
3:45 PM	9	92.0	0.20	9.0	A
3:45 PM	10	98.0	0.20	8.6	A
4:00 PM	1	96.0	0.20	8.9	A
4:00 PM	2	97.0	0.30	10.0	A
4:00 PM	3	95.0	0.30	10.7	B
4:00 PM	4	93.0	0.30	11.1	B
4:00 PM	5	96.0	0.30	10.0	B
4:00 PM	6	94.0	0.30	11.0	B
4:00 PM	7	94.0	0.30	9.8	A
4:00 PM	8	94.0	0.30	11.1	B
4:00 PM	9	97.0	0.30	12.0	B
4:00 PM	10	93.0	0.30	10.2	B
4:15 PM	1	93.0	0.30	10.1	B
4:15 PM	2	94.0	0.40	14.2	B
4:15 PM	3	96.0	0.30	10.8	B
4:15 PM	4	97.0	0.30	10.8	B
4:15 PM	5	93.0	0.20	9.6	A
4:15 PM	6	96.0	0.30	10.0	A
4:15 PM	7	94.0	0.30	9.7	A
4:15 PM	8	97.0	0.40	13.7	B
4:15 PM	9	95.0	0.30	10.5	B
4:15 PM	10	95.0	0.30	12.5	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	94.2	0.28	10.7	B
3:45 PM	Avg	95.6	0.28	10.4	B
4:00 PM	Avg	94.9	0.29	10.5	B
4:15 PM	Avg	95.0	0.31	11.2	B
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	1	36.0	0.10	8.7	A
3:30 PM	2	36.0	0.10	12.0	B
3:30 PM	3	35.0	0.10	10.1	B
3:30 PM	4	34.0	0.10	8.5	A
3:30 PM	5	35.0	0.10	7.0	A
3:30 PM	6	36.0	0.10	10.7	B
3:30 PM	7	35.0	0.10	10.4	B
3:30 PM	8	35.0	0.10	9.7	A
3:30 PM	9	35.0	0.10	10.2	B
3:30 PM	10	35.0	0.10	9.9	A
3:45 PM	1	36.0	0.10	11.1	B
3:45 PM	2	36.0	0.10	8.4	A
3:45 PM	3	35.0	0.10	11.8	B
3:45 PM	4	35.0	0.10	9.1	A
3:45 PM	5	36.0	0.10	8.7	A
3:45 PM	6	33.0	0.10	11.0	B
3:45 PM	7	36.0	0.10	10.5	B
3:45 PM	8	35.0	0.10	9.3	A
3:45 PM	9	33.0	0.10	9.8	A
3:45 PM	10	35.0	0.10	10.5	B
4:00 PM	1	34.0	0.10	9.0	A
4:00 PM	2	34.0	0.10	10.0	A
4:00 PM	3	36.0	0.10	9.1	A
4:00 PM	4	36.0	0.10	10.5	B
4:00 PM	5	34.0	0.10	11.2	B
4:00 PM	6	38.0	0.10	9.7	A
4:00 PM	7	36.0	0.10	10.2	B
4:00 PM	8	38.0	0.10	8.8	A
4:00 PM	9	37.0	0.10	8.5	A
4:00 PM	10	35.0	0.10	9.3	A
4:15 PM	1	35.0	0.10	7.1	A
4:15 PM	2	35.0	0.10	9.6	A
4:15 PM	3	34.0	0.10	8.3	A
4:15 PM	4	35.0	0.10	7.5	A
4:15 PM	5	36.0	0.10	10.0	B
4:15 PM	6	34.0	0.10	8.3	A
4:15 PM	7	33.0	0.10	8.0	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	33.0	0.10	9.2	A
4:15 PM	9	35.0	0.10	9.8	A
4:15 PM	10	35.0	0.10	10.1	B
3:30 PM	Avg	35.2	0.10	9.7	A
3:45 PM	Avg	35.0	0.10	10.0	B
4:00 PM	Avg	35.8	0.10	9.6	A
4:15 PM	Avg	34.5	0.10	8.8	A
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	1	102.0	0.40	13.3	B
3:30 PM	2	105.0	0.40	12.5	B
3:30 PM	3	102.0	0.30	11.1	B
3:30 PM	4	107.0	0.40	13.7	B
3:30 PM	5	103.0	0.30	9.6	A
3:30 PM	6	104.0	0.30	10.5	B
3:30 PM	7	101.0	0.30	11.9	B
3:30 PM	8	102.0	0.30	11.8	B
3:30 PM	9	102.0	0.30	11.1	B
3:30 PM	10	101.0	0.30	10.8	B
3:45 PM	1	101.0	0.30	12.2	B
3:45 PM	2	103.0	0.30	12.2	B
3:45 PM	3	102.0	0.40	14.1	B
3:45 PM	4	102.0	0.40	12.9	B
3:45 PM	5	103.0	0.30	12.2	B
3:45 PM	6	101.0	0.30	11.2	B
3:45 PM	7	103.0	0.40	13.3	B
3:45 PM	8	102.0	0.30	11.5	B
3:45 PM	9	101.0	0.30	10.7	B
3:45 PM	10	104.0	0.40	12.2	B
4:00 PM	1	102.0	0.40	13.1	B
4:00 PM	2	101.0	0.40	12.9	B
4:00 PM	3	104.0	0.30	10.9	B
4:00 PM	4	100.0	0.30	11.2	B
4:00 PM	5	102.0	0.30	11.7	B
4:00 PM	6	104.0	0.40	14.2	B
4:00 PM	7	102.0	0.40	13.2	B
4:00 PM	8	103.0	0.30	11.1	B
4:00 PM	9	104.0	0.40	12.8	B
4:00 PM	10	103.0	0.30	11.9	B
4:15 PM	1	104.0	0.30	10.7	B
4:15 PM	2	102.0	0.40	13.2	B
4:15 PM	3	103.0	0.30	11.7	B
4:15 PM	4	104.0	0.40	12.1	B

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	102.0	0.30	11.0	B
4:15 PM	6	103.0	0.30	10.4	B
4:15 PM	7	104.0	0.40	13.2	B
4:15 PM	8	103.0	0.30	12.1	B
4:15 PM	9	103.0	0.30	11.5	B
4:15 PM	10	100.0	0.30	10.7	B
3:30 PM	Avg	102.9	0.33	11.6	B
3:45 PM	Avg	102.2	0.34	12.2	B
4:00 PM	Avg	102.5	0.35	12.3	B
4:15 PM	Avg	102.8	0.33	11.7	B
SEB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	1	96.0	1.70	62.7	F
3:30 PM	2	101.0	0.90	32.3	D
3:30 PM	3	96.0	0.80	30.4	D
3:30 PM	4	97.0	0.90	35.3	E
3:30 PM	5	92.0	2.30	90.0	F
3:30 PM	6	93.0	1.60	62.4	F
3:30 PM	7	96.0	0.70	26.7	D
3:30 PM	8	105.0	1.30	45.2	E
3:30 PM	9	99.0	0.80	27.5	D
3:30 PM	10	100.0	1.10	39.9	E
3:45 PM	1	104.0	1.00	32.9	D
3:45 PM	2	94.0	0.80	30.5	D
3:45 PM	3	92.0	1.40	54.8	F
3:45 PM	4	97.0	1.70	62.1	F
3:45 PM	5	101.0	3.10	110.3	F
3:45 PM	6	97.0	3.10	114.7	F
3:45 PM	7	97.0	0.90	34.7	D
3:45 PM	8	98.0	0.50	17.7	C
3:45 PM	9	100.0	0.70	25.5	D
3:45 PM	10	97.0	0.60	23.8	C
4:00 PM	1	93.0	0.60	24.1	C
4:00 PM	2	98.0	1.10	41.9	E
4:00 PM	3	102.0	2.90	103.9	F
4:00 PM	4	101.0	0.90	32.8	D
4:00 PM	5	94.0	2.50	94.1	F
4:00 PM	6	104.0	1.20	42.2	E
4:00 PM	7	92.0	0.80	32.2	D
4:00 PM	8	95.0	1.00	39.1	E
4:00 PM	9	96.0	0.90	35.4	E
4:00 PM	10	97.0	0.70	27.2	D
4:15 PM	1	98.0	0.70	27.2	D

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	97.0	0.80	31.3	D
4:15 PM	3	102.0	0.80	28.0	D
4:15 PM	4	92.0	1.60	64.1	F
4:15 PM	5	101.0	3.90	139.4	F
4:15 PM	6	94.0	1.30	50.4	F
4:15 PM	7	99.0	2.20	79.8	F
4:15 PM	8	99.0	2.20	80.6	F
4:15 PM	9	97.0	0.60	22.9	C
4:15 PM	10	100.0	1.20	42.0	E
3:30 PM	Avg	97.5	1.21	45.2	E
3:45 PM	Avg	97.7	1.38	50.7	F
4:00 PM	Avg	97.2	1.26	47.3	E
4:15 PM	Avg	97.9	1.53	56.6	F

WB T on LAKE AVE NW: Lane ID 274842

3:30 PM	1	72.0	0.10	5.0	A
3:30 PM	2	70.0	0.10	4.0	A
3:30 PM	3	72.0	0.10	4.1	A
3:30 PM	4	73.0	0.10	3.4	A
3:30 PM	5	73.0	0.10	4.9	A
3:30 PM	6	72.0	0.10	5.0	A
3:30 PM	7	75.0	0.10	3.5	A
3:30 PM	8	73.0	0.10	4.0	A
3:30 PM	9	75.0	0.10	3.9	A
3:30 PM	10	75.0	0.10	4.3	A
3:45 PM	1	74.0	0.10	4.8	A
3:45 PM	2	75.0	0.10	4.1	A
3:45 PM	3	73.0	0.10	3.7	A
3:45 PM	4	73.0	0.10	3.6	A
3:45 PM	5	74.0	0.10	3.9	A
3:45 PM	6	73.0	0.10	3.8	A
3:45 PM	7	72.0	0.10	4.6	A
3:45 PM	8	72.0	0.10	3.7	A
3:45 PM	9	72.0	0.10	4.3	A
3:45 PM	10	70.0	0.10	3.4	A
4:00 PM	1	72.0	0.10	4.7	A
4:00 PM	2	73.0	0.10	7.1	A
4:00 PM	3	73.0	0.10	5.2	A
4:00 PM	4	74.0	0.10	3.2	A
4:00 PM	5	72.0	0.10	4.3	A
4:00 PM	6	73.0	0.10	3.9	A
4:00 PM	7	73.0	0.10	4.3	A
4:00 PM	8	71.0	0.10	4.3	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	9	73.0	0.10	4.6	A
4:00 PM	10	74.0	0.10	4.2	A
4:15 PM	1	74.0	0.10	4.5	A
4:15 PM	2	72.0	0.10	3.8	A
4:15 PM	3	73.0	0.10	4.6	A
4:15 PM	4	73.0	0.10	3.8	A
4:15 PM	5	72.0	0.10	3.8	A
4:15 PM	6	70.0	0.10	4.9	A
4:15 PM	7	72.0	0.10	4.1	A
4:15 PM	8	75.0	0.10	4.4	A
4:15 PM	9	69.0	0.10	4.8	A
4:15 PM	10	73.0	0.10	3.5	A
3:30 PM	Avg	73.0	0.10	4.2	A
3:45 PM	Avg	72.8	0.10	4.0	A
4:00 PM	Avg	72.8	0.10	4.6	A
4:15 PM	Avg	72.3	0.10	4.2	A

WB T on LAKE AVE NW: Lane ID 274843

3:30 PM	1	115.0	0.20	5.3	A
3:30 PM	2	112.0	0.20	5.6	A
3:30 PM	3	113.0	0.10	4.4	A
3:30 PM	4	117.0	0.20	4.8	A
3:30 PM	5	111.0	0.20	5.6	A
3:30 PM	6	117.0	0.20	5.6	A
3:30 PM	7	114.0	0.20	5.4	A
3:30 PM	8	116.0	0.20	5.8	A
3:30 PM	9	116.0	0.20	5.8	A
3:30 PM	10	117.0	0.10	4.5	A
3:45 PM	1	114.0	0.10	3.6	A
3:45 PM	2	116.0	0.20	6.6	A
3:45 PM	3	117.0	0.10	4.0	A
3:45 PM	4	115.0	0.20	4.9	A
3:45 PM	5	121.0	0.20	5.8	A
3:45 PM	6	115.0	0.10	4.5	A
3:45 PM	7	113.0	0.20	4.8	A
3:45 PM	8	112.0	0.20	4.9	A
3:45 PM	9	118.0	0.20	5.4	A
3:45 PM	10	113.0	0.20	5.7	A
4:00 PM	1	117.0	0.20	5.6	A
4:00 PM	2	117.0	0.30	7.8	A
4:00 PM	3	114.0	0.20	5.7	A
4:00 PM	4	115.0	0.10	4.6	A
4:00 PM	5	110.0	0.20	6.6	A

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:00 PM	6	116.0	0.20	6.7	A
4:00 PM	7	115.0	0.10	4.6	A
4:00 PM	8	116.0	0.20	5.2	A
4:00 PM	9	115.0	0.20	4.7	A
4:00 PM	10	116.0	0.20	5.4	A
4:15 PM	1	115.0	0.10	4.6	A
4:15 PM	2	111.0	0.20	5.6	A
4:15 PM	3	114.0	0.20	6.0	A
4:15 PM	4	113.0	0.20	4.8	A
4:15 PM	5	117.0	0.20	5.0	A
4:15 PM	6	112.0	0.10	4.2	A
4:15 PM	7	116.0	0.20	5.2	A
4:15 PM	8	115.0	0.20	5.3	A
4:15 PM	9	110.0	0.10	3.4	A
4:15 PM	10	117.0	0.20	5.4	A
3:30 PM	Avg	114.8	0.18	5.3	A
3:45 PM	Avg	115.4	0.17	5.0	A
4:00 PM	Avg	115.1	0.19	5.7	A
4:15 PM	Avg	114.0	0.17	5.0	A

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	0.2	0.0	0.2	0.3	10
3:45 PM	0.2	0.0	0.2	0.2	10
4:00 PM	0.2	0.0	0.2	0.3	10
4:15 PM	0.2	0.0	0.2	0.2	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.5	0.1	0.3	0.8	10
4:00 PM	0.5	0.2	0.3	0.7	10
4:15 PM	0.4	0.1	0.3	0.7	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	0.2	0.1	0.2	0.3	10
3:45 PM	0.3	0.0	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.1	0.2	0.3	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	0.4	0.1	0.3	0.5	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.5	0.1	0.3	0.7	10
4:15 PM	0.4	0.1	0.3	0.5	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	0.3	0.1	0.3	0.4	10
3:45 PM	0.3	0.0	0.3	0.4	10
4:00 PM	0.4	0.1	0.3	0.5	10
4:15 PM	0.3	0.0	0.3	0.4	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.1	0.2	0.4	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	0.3	0.0	0.3	0.4	10
3:45 PM	0.3	0.1	0.3	0.4	10
4:00 PM	0.4	0.1	0.3	0.4	10
4:15 PM	0.3	0.0	0.3	0.4	10
SEB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	1.2	0.5	0.7	2.3	10
3:45 PM	1.4	1.0	0.5	3.1	10
4:00 PM	1.3	0.8	0.6	2.9	10
4:15 PM	1.5	1.0	0.6	3.9	10
WB T on LAKE AVE NW: Lane ID 274842					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
WB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	0.2	0.0	0.1	0.2	10
3:45 PM	0.2	0.0	0.1	0.2	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.2	0.0	0.1	0.2	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 -- ROUNDABOUT NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274788					
3:30 PM	5.6	0.3	5.1	6.2	10
3:45 PM	5.5	0.4	4.9	6.1	10
4:00 PM	5.3	0.5	4.5	5.9	10
4:15 PM	5.4	0.4	4.8	6.0	10
EB T on LAKE AVE NW: Lane ID 274839					
3:30 PM	6.2	0.4	5.8	7.0	10
3:45 PM	6.1	0.3	5.4	6.7	10
4:00 PM	6.4	0.3	6.1	7.1	10
4:15 PM	6.0	0.3	5.4	6.7	10
NB T on [Unnamed Street]: Lane ID 274791					
3:30 PM	18.3	3.0	13.6	22.2	10
3:45 PM	22.7	5.7	13.4	36.2	10
4:00 PM	23.2	7.1	15.5	35.1	10
4:15 PM	20.7	5.3	16.2	32.1	10
SWB T on [Unnamed Street]: Lane ID 274793					
3:30 PM	8.6	1.1	7.5	10.7	10
3:45 PM	9.2	1.1	7.1	11.0	10
4:00 PM	9.6	1.0	8.0	11.0	10
4:15 PM	9.4	1.1	7.5	11.0	10
WB T on [Unnamed Street]: Lane ID 274785					
3:30 PM	9.4	1.2	7.4	11.1	10
3:45 PM	9.5	2.0	7.7	12.8	10
4:00 PM	11.1	3.0	7.3	16.0	10
4:15 PM	9.4	1.6	7.6	12.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
3:30 PM	10.5	1.2	8.7	11.9	10
3:45 PM	10.4	0.7	9.6	11.7	10
4:00 PM	11.0	1.5	8.9	14.0	10
4:15 PM	10.6	0.8	9.4	11.7	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 -- ROUNDABOUT NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW: Lane ID 274810					
NB T on GREAT LAKES BLVD NW: Lane ID 274851					
3:30 PM	10.7	1.7	9.0	14.6	10
3:45 PM	10.4	1.6	8.6	14.2	10
4:00 PM	10.5	0.9	8.9	12.0	10
4:15 PM	11.2	1.7	9.6	14.2	10
SB T on GREAT LAKES BLVD NW: Lane ID 274806					
3:30 PM	9.7	1.4	7.0	12.0	10
3:45 PM	10.0	1.1	8.4	11.8	10
4:00 PM	9.6	0.8	8.5	11.2	10
4:15 PM	8.8	1.1	7.1	10.1	10
SB T on GREAT LAKES BLVD NW: Lane ID 274807					
3:30 PM	11.6	1.3	9.6	13.7	10
3:45 PM	12.2	1.0	10.7	14.1	10
4:00 PM	12.3	1.1	10.9	14.2	10
4:15 PM	11.7	1.0	10.4	13.2	10
SEB T on LAKE AVE NW: Lane ID 274813					
3:30 PM	45.2	20.5	26.7	90.0	10
3:45 PM	50.7	35.3	17.7	114.7	10
4:00 PM	47.3	28.0	24.1	103.9	10
4:15 PM	56.6	36.1	22.9	139.4	10
WB T on LAKE AVE NW: Lane ID 274842					
3:30 PM	4.2	0.6	3.4	5.0	10
3:45 PM	4.0	0.5	3.4	4.8	10
4:00 PM	4.6	1.0	3.2	7.1	10
4:15 PM	4.2	0.5	3.5	4.9	10
WB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	5.3	0.5	4.4	5.8	10
3:45 PM	5.0	0.9	3.6	6.6	10
4:00 PM	5.7	1.0	4.6	7.8	10
4:15 PM	5.0	0.7	3.4	6.0	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274788							
3:30 PM	1	30.0	1.5	0.1	15.1	1.0	0.0%
3:30 PM	2	30.0	2.8	0.2	16.5	1.0	0.0%
3:30 PM	3	30.0	1.9	0.1	8.0	0.5	0.0%
3:30 PM	4	30.0	2.4	0.1	17.0	1.0	0.0%
3:30 PM	5	30.0	1.1	0.1	7.6	0.5	0.0%
3:30 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	3.7	0.2	21.4	1.0	0.0%
3:30 PM	8	30.0	2.6	0.2	15.7	1.0	0.0%
3:30 PM	9	30.0	4.5	0.2	21.6	1.0	0.0%
3:30 PM	10	30.0	3.9	0.2	24.6	1.0	0.0%
3:45 PM	1	30.0	3.2	0.1	23.6	1.0	0.0%
3:45 PM	2	30.0	2.0	0.1	14.6	1.0	0.0%
3:45 PM	3	30.0	2.1	0.1	9.3	0.5	0.0%
3:45 PM	4	30.0	2.0	0.1	14.5	0.5	0.0%
3:45 PM	5	30.0	2.3	0.1	13.2	0.5	0.0%
3:45 PM	6	30.0	1.5	0.1	14.9	1.0	0.0%
3:45 PM	7	30.0	1.2	0.1	9.1	0.5	0.0%
3:45 PM	8	30.0	1.0	0.1	6.0	0.5	0.0%
3:45 PM	9	30.0	4.0	0.2	30.5	1.5	0.0%
3:45 PM	10	30.0	2.7	0.1	19.5	1.0	0.0%
4:00 PM	1	30.0	1.7	0.1	13.2	1.0	0.0%
4:00 PM	2	30.0	0.8	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.9	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	5.9	0.3	26.6	1.0	0.0%
4:00 PM	5	30.0	2.6	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	1.4	0.1	11.6	1.0	0.0%
4:00 PM	8	30.0	2.8	0.1	21.1	1.0	0.0%
4:00 PM	9	30.0	4.4	0.2	23.1	1.0	0.0%
4:00 PM	10	30.0	1.2	0.1	0.0	0.0	0.0%
4:15 PM	1	29.0	1.6	0.1	15.0	1.0	0.0%
4:15 PM	2	29.0	1.2	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	1.4	0.1	10.1	0.6	0.0%
4:15 PM	4	29.0	1.8	0.1	16.2	1.0	0.0%
4:15 PM	5	29.0	1.0	0.1	6.9	0.6	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	0.7	0.1	2.7	0.6	0.0%
4:15 PM	7	29.0	1.2	0.1	10.1	0.6	0.0%
4:15 PM	8	29.0	1.3	0.1	11.4	1.0	0.0%
4:15 PM	9	29.0	1.7	0.1	9.3	0.6	0.0%
4:15 PM	10	29.0	3.2	0.2	19.4	1.0	0.0%
3:30 PM	Avg	30.0	2.4	0.1	14.8	0.8	0.0%
3:45 PM	Avg	30.0	2.2	0.1	15.5	0.8	0.0%
4:00 PM	Avg	30.0	2.2	0.1	9.6	0.5	0.0%
4:15 PM	Avg	29.0	1.5	0.1	10.1	0.7	0.0%

EB T on LAKE AVE NW - Lane ID 274839

3:30 PM	1	30.0	5.3	0.3	27.1	1.0	0.0%
3:30 PM	2	30.0	12.9	0.6	52.7	2.5	0.0%
3:30 PM	3	30.0	9.1	0.4	59.6	2.5	0.0%
3:30 PM	4	30.0	1.1	0.1	8.8	0.5	0.0%
3:30 PM	5	30.0	2.5	0.1	16.6	1.0	0.0%
3:30 PM	6	30.0	8.2	0.4	50.0	2.0	0.0%
3:30 PM	7	30.0	5.7	0.3	33.0	1.5	0.0%
3:30 PM	8	30.0	8.1	0.3	56.5	2.1	0.0%
3:30 PM	9	30.0	5.5	0.2	49.9	2.0	0.0%
3:30 PM	10	30.0	9.8	0.4	55.0	2.0	0.0%
3:45 PM	1	30.0	6.1	0.3	34.3	1.5	0.0%
3:45 PM	2	30.0	4.9	0.2	18.2	1.0	0.0%
3:45 PM	3	30.0	5.3	0.2	30.1	1.0	0.0%
3:45 PM	4	30.0	2.0	0.1	9.9	0.5	0.0%
3:45 PM	5	30.0	2.8	0.2	17.0	1.0	0.0%
3:45 PM	6	30.0	5.2	0.2	35.6	1.5	0.0%
3:45 PM	7	30.0	6.1	0.2	48.6	1.5	0.0%
3:45 PM	8	30.0	11.0	0.3	37.2	1.5	0.0%
3:45 PM	9	30.0	1.1	0.1	9.0	0.5	0.0%
3:45 PM	10	30.0	6.2	0.3	34.2	1.5	0.0%
4:00 PM	1	30.0	2.7	0.1	16.9	1.0	0.0%
4:00 PM	2	30.0	4.2	0.2	19.4	1.0	0.0%
4:00 PM	3	30.0	4.9	0.2	33.0	1.5	0.0%
4:00 PM	4	30.0	6.6	0.2	23.5	1.0	0.0%
4:00 PM	5	30.0	8.3	0.3	41.7	1.5	0.0%
4:00 PM	6	30.0	7.0	0.3	44.5	1.5	0.0%
4:00 PM	7	30.0	5.5	0.2	25.9	1.0	0.0%
4:00 PM	8	30.0	4.5	0.2	28.3	1.0	0.0%
4:00 PM	9	30.0	3.7	0.2	17.9	1.0	0.0%
4:00 PM	10	30.0	3.4	0.2	21.7	1.0	0.0%
4:15 PM	1	29.0	2.1	0.1	17.7	1.0	0.0%
4:15 PM	2	29.0	5.8	0.3	38.0	1.6	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	7.4	0.3	40.8	1.6	0.0%
4:15 PM	4	29.0	3.5	0.2	28.1	1.6	0.0%
4:15 PM	5	29.0	2.0	0.1	18.4	1.0	0.0%
4:15 PM	6	29.0	11.9	0.4	65.0	2.0	0.0%
4:15 PM	7	29.0	5.9	0.3	32.9	1.6	0.0%
4:15 PM	8	29.0	3.4	0.1	23.7	1.0	0.0%
4:15 PM	9	29.0	3.0	0.1	8.2	0.6	0.0%
4:15 PM	10	29.0	11.1	0.5	61.3	2.6	0.0%
3:30 PM	Avg	30.0	6.8	0.3	40.9	1.7	0.0%
3:45 PM	Avg	30.0	5.1	0.2	27.4	1.2	0.0%
4:00 PM	Avg	30.0	5.1	0.2	27.3	1.2	0.0%
4:15 PM	Avg	29.0	5.6	0.2	33.4	1.5	0.0%
NB T on [Unnamed Street] - Lane ID 274791							
3:30 PM	1	30.0	22.6	1.0	85.2	3.0	0.0%
3:30 PM	2	30.0	14.1	0.6	50.7	2.0	0.0%
3:30 PM	3	30.0	33.4	1.2	104.4	3.0	0.0%
3:30 PM	4	30.0	32.9	1.4	87.2	3.0	0.0%
3:30 PM	5	30.0	17.6	0.7	85.2	3.0	0.0%
3:30 PM	6	30.0	37.8	1.5	113.9	4.5	0.0%
3:30 PM	7	30.0	29.4	1.2	99.9	3.5	0.0%
3:30 PM	8	30.0	30.9	1.2	101.0	4.0	0.0%
3:30 PM	9	30.0	28.5	1.1	85.2	3.0	0.0%
3:30 PM	10	30.0	38.8	1.5	127.7	4.5	0.0%
3:45 PM	1	30.0	35.4	1.4	102.4	3.5	0.0%
3:45 PM	2	30.0	46.5	1.8	137.6	5.0	0.0%
3:45 PM	3	30.0	45.3	1.7	97.4	4.0	0.0%
3:45 PM	4	30.0	22.5	0.9	90.1	3.5	0.0%
3:45 PM	5	30.0	40.5	1.5	124.2	4.0	0.0%
3:45 PM	6	30.0	39.3	1.5	88.1	3.0	0.0%
3:45 PM	7	30.0	37.6	1.5	132.6	5.0	0.0%
3:45 PM	8	30.0	26.7	1.1	93.0	3.0	0.0%
3:45 PM	9	30.0	16.0	0.7	61.1	2.0	0.0%
3:45 PM	10	30.0	40.1	1.5	122.0	4.5	0.0%
4:00 PM	1	30.0	33.1	1.2	98.2	3.5	0.0%
4:00 PM	2	30.0	23.7	1.0	72.4	2.5	0.0%
4:00 PM	3	30.0	36.3	1.3	115.1	4.0	0.0%
4:00 PM	4	30.0	36.2	1.4	98.9	3.5	0.0%
4:00 PM	5	30.0	41.8	1.6	145.0	5.0	0.0%
4:00 PM	6	30.0	56.7	2.1	141.6	5.0	0.0%
4:00 PM	7	30.0	18.1	0.9	48.7	2.0	0.0%
4:00 PM	8	30.0	63.4	2.4	154.1	5.5	0.0%
4:00 PM	9	30.0	29.3	1.3	75.5	2.5	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	37.3	1.5	111.7	4.0	0.0%
4:15 PM	1	29.0	25.6	1.1	87.4	3.2	0.0%
4:15 PM	2	29.0	26.4	1.0	107.9	4.0	0.0%
4:15 PM	3	29.0	25.0	1.1	93.3	3.6	0.0%
4:15 PM	4	29.0	54.8	1.8	210.8	6.8	0.0%
4:15 PM	5	29.0	24.0	0.9	88.9	3.0	0.0%
4:15 PM	6	29.0	18.1	0.9	49.5	2.0	0.0%
4:15 PM	7	29.0	41.7	1.6	108.9	4.0	0.0%
4:15 PM	8	29.0	38.6	1.6	131.4	5.0	0.0%
4:15 PM	9	29.0	47.4	1.6	171.4	5.2	0.0%
4:15 PM	10	29.0	21.3	0.9	87.7	3.0	0.0%
3:30 PM	Avg	30.0	28.6	1.1	94.0	3.4	0.0%
3:45 PM	Avg	30.0	35.0	1.4	104.9	3.8	0.0%
4:00 PM	Avg	30.0	37.6	1.5	106.1	3.8	0.0%
4:15 PM	Avg	29.0	32.3	1.3	113.7	4.0	0.0%
SWB T on [Unnamed Street] - Lane ID 274793							
3:30 PM	1	30.0	11.9	0.5	62.8	2.5	0.0%
3:30 PM	2	30.0	6.8	0.3	42.1	2.0	0.0%
3:30 PM	3	30.0	11.4	0.4	49.3	2.0	0.0%
3:30 PM	4	30.0	11.3	0.4	68.9	2.0	0.0%
3:30 PM	5	30.0	12.6	0.5	64.8	2.0	0.0%
3:30 PM	6	30.0	15.7	0.7	52.6	2.0	0.0%
3:30 PM	7	30.0	8.2	0.4	37.6	1.5	0.0%
3:30 PM	8	30.0	11.1	0.5	46.5	2.0	0.0%
3:30 PM	9	30.0	10.5	0.4	42.0	1.5	0.0%
3:30 PM	10	30.0	8.1	0.4	31.1	1.0	0.0%
3:45 PM	1	30.0	23.1	0.9	99.9	3.1	0.0%
3:45 PM	2	30.0	10.4	0.4	51.3	2.0	0.0%
3:45 PM	3	30.0	10.5	0.5	49.1	2.0	0.0%
3:45 PM	4	30.0	13.6	0.5	72.9	2.5	0.0%
3:45 PM	5	30.0	27.0	0.9	78.1	3.0	0.0%
3:45 PM	6	30.0	12.3	0.5	59.5	2.5	0.0%
3:45 PM	7	30.0	10.5	0.5	50.1	2.0	0.0%
3:45 PM	8	30.0	15.4	0.6	73.0	2.5	0.0%
3:45 PM	9	30.0	16.2	0.6	57.9	2.0	0.0%
3:45 PM	10	30.0	8.9	0.3	55.2	1.5	0.0%
4:00 PM	1	30.0	23.3	0.9	87.7	3.0	0.0%
4:00 PM	2	30.0	12.1	0.5	61.7	2.0	0.0%
4:00 PM	3	30.0	8.0	0.4	31.0	1.0	0.0%
4:00 PM	4	30.0	12.0	0.5	54.7	2.0	0.0%
4:00 PM	5	30.0	10.5	0.4	53.6	2.0	0.0%
4:00 PM	6	30.0	17.6	0.7	73.8	3.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	16.7	0.7	75.4	3.0	0.0%
4:00 PM	8	30.0	14.4	0.6	73.0	3.0	0.0%
4:00 PM	9	30.0	8.8	0.4	44.2	1.5	0.0%
4:00 PM	10	30.0	13.1	0.5	58.0	2.0	0.0%
4:15 PM	1	29.0	14.4	0.6	70.0	2.2	0.0%
4:15 PM	2	29.0	4.6	0.2	24.9	1.0	0.0%
4:15 PM	3	29.0	6.4	0.3	42.9	2.0	0.0%
4:15 PM	4	29.0	23.2	0.9	92.0	3.0	0.0%
4:15 PM	5	29.0	15.8	0.5	59.3	2.0	0.0%
4:15 PM	6	29.0	2.8	0.1	20.2	1.0	0.0%
4:15 PM	7	29.0	5.7	0.3	20.5	1.0	0.0%
4:15 PM	8	29.0	13.5	0.6	71.7	2.6	0.0%
4:15 PM	9	29.0	7.4	0.3	34.5	1.6	0.0%
4:15 PM	10	29.0	18.4	0.7	76.9	2.6	0.0%
3:30 PM	Avg	30.0	10.8	0.5	49.8	1.9	0.0%
3:45 PM	Avg	30.0	14.8	0.6	64.7	2.3	0.0%
4:00 PM	Avg	30.0	13.7	0.6	61.3	2.3	0.0%
4:15 PM	Avg	29.0	11.2	0.5	51.3	1.9	0.0%
WB T on [Unnamed Street] - Lane ID 274785							
3:30 PM	1	30.0	22.0	0.8	138.3	5.0	0.0%
3:30 PM	2	30.0	20.9	0.9	71.9	3.0	0.0%
3:30 PM	3	30.0	28.9	1.2	99.6	4.1	0.0%
3:30 PM	4	30.0	39.2	1.4	170.3	6.1	0.0%
3:30 PM	5	30.0	22.0	0.8	114.5	3.5	0.0%
3:30 PM	6	30.0	19.7	0.7	122.5	3.5	0.0%
3:30 PM	7	30.0	27.0	0.9	114.7	3.5	0.0%
3:30 PM	8	30.0	20.9	0.9	73.8	3.0	0.0%
3:30 PM	9	30.0	15.4	0.6	58.4	2.0	0.0%
3:30 PM	10	30.0	25.5	1.0	107.4	4.0	0.0%
3:45 PM	1	30.0	16.2	0.7	70.2	2.5	0.0%
3:45 PM	2	30.0	28.6	1.0	84.1	3.0	0.0%
3:45 PM	3	30.0	32.8	1.1	142.4	4.5	0.0%
3:45 PM	4	30.0	33.4	1.2	106.4	3.5	0.0%
3:45 PM	5	30.0	10.0	0.4	53.2	2.0	0.0%
3:45 PM	6	30.0	13.6	0.6	69.0	2.5	0.0%
3:45 PM	7	30.0	24.2	1.0	76.8	3.0	0.0%
3:45 PM	8	30.0	20.9	0.7	105.4	3.0	0.0%
3:45 PM	9	30.0	26.9	0.9	111.1	4.0	0.0%
3:45 PM	10	30.0	30.6	1.2	106.4	3.5	0.0%
4:00 PM	1	30.0	24.2	1.0	74.9	3.0	0.0%
4:00 PM	2	30.0	80.4	2.6	204.0	6.5	0.0%
4:00 PM	3	30.0	12.5	0.5	52.1	2.0	0.0%

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	31.2	1.1	106.6	3.5	0.0%
4:00 PM	5	30.0	33.9	1.3	106.4	4.0	0.0%
4:00 PM	6	30.0	35.8	1.3	146.9	5.0	0.0%
4:00 PM	7	30.0	54.2	1.9	208.3	7.5	0.0%
4:00 PM	8	30.0	26.8	1.0	106.4	4.0	0.0%
4:00 PM	9	30.0	24.7	1.0	106.4	4.0	0.0%
4:00 PM	10	30.0	42.8	1.6	152.7	5.0	0.0%
4:15 PM	1	29.0	27.9	1.1	79.3	3.0	0.0%
4:15 PM	2	29.0	28.4	1.0	97.8	3.0	0.0%
4:15 PM	3	29.0	20.3	0.8	106.4	3.0	0.0%
4:15 PM	4	29.0	43.0	1.6	152.5	5.6	0.0%
4:15 PM	5	29.0	16.0	0.7	46.1	2.0	0.0%
4:15 PM	6	29.0	20.2	0.8	80.2	3.0	0.0%
4:15 PM	7	29.0	21.7	0.9	61.6	2.6	0.0%
4:15 PM	8	29.0	50.6	1.8	212.0	7.6	0.0%
4:15 PM	9	29.0	23.4	0.9	81.2	3.0	0.0%
4:15 PM	10	29.0	30.4	1.0	143.9	5.0	0.0%
3:30 PM	Avg	30.0	24.2	0.9	107.1	3.8	0.0%
3:45 PM	Avg	30.0	23.7	0.9	92.5	3.2	0.0%
4:00 PM	Avg	30.0	36.7	1.3	126.5	4.5	0.0%
4:15 PM	Avg	29.0	28.2	1.1	106.1	3.8	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NB T on GREAT LAKES BLVD NW - Lane ID 274810							
3:30 PM	1	30.0	12.8	0.6	64.9	2.5	0.0%
3:30 PM	2	30.0	11.3	0.5	53.7	2.0	0.0%
3:30 PM	3	30.0	11.4	0.5	73.7	3.1	0.0%
3:30 PM	4	30.0	20.0	0.8	77.8	3.0	0.0%
3:30 PM	5	30.0	8.9	0.4	49.1	1.5	0.0%
3:30 PM	6	30.0	22.4	0.9	79.4	3.0	0.0%
3:30 PM	7	30.0	20.6	0.8	98.2	3.0	0.0%
3:30 PM	8	30.0	22.2	0.9	63.3	2.5	0.0%
3:30 PM	9	30.0	23.5	0.9	103.6	3.0	0.0%
3:30 PM	10	30.0	10.5	0.5	61.1	2.5	0.0%
3:45 PM	1	30.0	16.5	0.7	79.5	3.0	0.0%
3:45 PM	2	30.0	26.0	1.0	108.1	3.0	0.0%
3:45 PM	3	30.0	23.2	0.8	116.5	4.1	0.0%
3:45 PM	4	30.0	9.7	0.4	50.7	2.0	0.0%
3:45 PM	5	30.0	20.4	0.9	64.2	3.0	0.0%
3:45 PM	6	30.0	14.1	0.6	58.5	2.5	0.0%
3:45 PM	7	30.0	14.2	0.6	56.3	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	8.9	0.4	45.5	2.0	0.0%
3:45 PM	9	30.0	21.1	0.7	99.0	3.5	0.0%
3:45 PM	10	30.0	11.3	0.5	68.5	3.0	0.0%
4:00 PM	1	30.0	6.9	0.3	25.0	1.0	0.0%
4:00 PM	2	30.0	27.8	1.0	146.2	5.0	0.0%
4:00 PM	3	30.0	13.3	0.6	46.0	2.0	0.0%
4:00 PM	4	30.0	20.1	0.8	99.6	2.5	0.0%
4:00 PM	5	30.0	24.2	0.9	117.3	4.1	0.0%
4:00 PM	6	30.0	17.5	0.6	64.5	2.0	0.0%
4:00 PM	7	30.0	9.0	0.4	56.9	2.5	0.0%
4:00 PM	8	30.0	12.3	0.6	52.1	2.0	0.0%
4:00 PM	9	30.0	26.1	1.1	84.8	3.0	0.0%
4:00 PM	10	30.0	12.5	0.5	50.4	2.0	0.0%
4:15 PM	1	29.0	18.3	0.7	104.0	3.6	0.0%
4:15 PM	2	29.0	13.0	0.6	57.4	2.0	0.0%
4:15 PM	3	29.0	17.7	0.8	67.6	2.6	0.0%
4:15 PM	4	29.0	12.5	0.6	41.3	2.0	0.0%
4:15 PM	5	29.0	24.2	1.0	75.6	3.0	0.0%
4:15 PM	6	29.0	15.7	0.8	73.8	3.0	0.0%
4:15 PM	7	29.0	8.4	0.4	35.3	1.6	0.0%
4:15 PM	8	29.0	18.6	0.8	77.0	3.0	0.0%
4:15 PM	9	29.0	21.2	0.9	78.4	3.0	0.0%
4:15 PM	10	29.0	19.1	0.8	90.0	3.6	0.0%
3:30 PM	Avg	30.0	16.4	0.7	72.5	2.6	0.0%
3:45 PM	Avg	30.0	16.5	0.7	74.7	2.8	0.0%
4:00 PM	Avg	30.0	17.0	0.7	74.3	2.6	0.0%
4:15 PM	Avg	29.0	16.9	0.7	70.0	2.7	0.0%
NB T on GREAT LAKES BLVD NW - Lane ID 274851							
3:30 PM	1	30.0	27.7	1.0	102.0	3.5	0.0%
3:30 PM	2	30.0	3.8	0.2	19.7	1.0	0.0%
3:30 PM	3	30.0	8.7	0.4	45.4	2.0	0.0%
3:30 PM	4	30.0	15.1	0.6	71.2	2.5	0.0%
3:30 PM	5	30.0	11.2	0.5	66.9	2.5	0.0%
3:30 PM	6	30.0	21.3	0.8	101.0	3.1	0.0%
3:30 PM	7	30.0	16.5	0.7	72.3	3.0	0.0%
3:30 PM	8	30.0	32.1	1.4	101.6	3.5	0.0%
3:30 PM	9	30.0	20.2	0.7	74.6	3.0	0.0%
3:30 PM	10	30.0	6.9	0.3	32.2	1.5	0.0%
3:45 PM	1	30.0	34.2	1.2	110.6	3.5	0.0%
3:45 PM	2	30.0	14.2	0.7	47.2	2.0	0.0%
3:45 PM	3	30.0	10.3	0.4	51.1	2.0	0.0%
3:45 PM	4	30.0	11.1	0.4	59.0	2.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	15.0	0.6	56.8	2.5	0.0%
3:45 PM	6	30.0	21.5	0.7	113.4	3.0	0.0%
3:45 PM	7	30.0	14.3	0.5	57.3	2.0	0.0%
3:45 PM	8	30.0	6.6	0.3	49.7	2.0	0.0%
3:45 PM	9	30.0	9.3	0.4	53.3	2.1	0.0%
3:45 PM	10	30.0	6.2	0.3	38.9	1.5	0.0%
4:00 PM	1	30.0	7.3	0.3	41.9	1.0	0.0%
4:00 PM	2	30.0	15.0	0.6	86.4	3.0	0.0%
4:00 PM	3	30.0	13.4	0.6	63.4	2.5	0.0%
4:00 PM	4	30.0	17.9	0.8	83.0	3.0	0.0%
4:00 PM	5	30.0	7.9	0.3	50.8	2.1	0.0%
4:00 PM	6	30.0	14.2	0.6	62.9	2.0	0.0%
4:00 PM	7	30.0	6.2	0.3	36.7	1.5	0.0%
4:00 PM	8	30.0	19.4	0.8	73.4	3.0	0.0%
4:00 PM	9	30.0	22.0	0.8	76.6	2.5	0.0%
4:00 PM	10	30.0	16.3	0.7	82.5	3.0	0.0%
4:15 PM	1	29.0	8.8	0.4	45.4	2.0	0.0%
4:15 PM	2	29.0	20.8	0.8	101.0	3.6	0.0%
4:15 PM	3	29.0	20.5	0.7	114.6	2.6	0.0%
4:15 PM	4	29.0	23.7	0.8	75.7	3.0	0.0%
4:15 PM	5	29.0	14.3	0.7	46.5	2.0	0.0%
4:15 PM	6	29.0	9.9	0.4	46.0	2.0	0.0%
4:15 PM	7	29.0	6.9	0.3	41.9	2.0	0.0%
4:15 PM	8	29.0	29.5	1.1	105.9	4.0	0.0%
4:15 PM	9	29.0	23.8	0.8	115.9	3.0	0.0%
4:15 PM	10	29.0	19.7	0.8	79.7	3.0	0.0%
3:30 PM	Avg	30.0	16.4	0.7	68.7	2.6	0.0%
3:45 PM	Avg	30.0	14.3	0.6	63.7	2.3	0.0%
4:00 PM	Avg	30.0	14.0	0.6	65.8	2.4	0.0%
4:15 PM	Avg	29.0	17.8	0.7	77.3	2.7	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 274806							
3:30 PM	1	30.0	1.4	0.1	8.5	0.5	0.0%
3:30 PM	2	30.0	4.3	0.3	26.4	1.5	0.0%
3:30 PM	3	30.0	3.5	0.2	18.8	1.0	0.0%
3:30 PM	4	30.0	1.0	0.1	8.0	0.5	0.0%
3:30 PM	5	30.0	2.6	0.1	19.1	1.0	0.0%
3:30 PM	6	30.0	6.6	0.3	32.4	1.5	0.0%
3:30 PM	7	30.0	3.0	0.2	18.9	1.0	0.0%
3:30 PM	8	30.0	3.6	0.2	19.1	1.0	0.0%
3:30 PM	9	30.0	4.0	0.2	18.6	1.0	0.0%
3:30 PM	10	30.0	2.3	0.1	16.7	1.0	0.0%
3:45 PM	1	30.0	5.5	0.3	32.9	1.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	1.9	0.1	18.1	1.0	0.0%
3:45 PM	3	30.0	6.6	0.3	34.8	1.5	0.0%
3:45 PM	4	30.0	2.9	0.2	17.7	1.0	0.0%
3:45 PM	5	30.0	1.8	0.1	13.1	1.0	0.0%
3:45 PM	6	30.0	7.9	0.4	35.4	1.5	0.0%
3:45 PM	7	30.0	3.1	0.2	16.6	1.0	0.0%
3:45 PM	8	30.0	5.9	0.2	29.3	1.0	0.0%
3:45 PM	9	30.0	2.5	0.1	18.9	1.0	0.0%
3:45 PM	10	30.0	1.3	0.1	9.4	0.5	0.0%
4:00 PM	1	30.0	3.7	0.2	17.7	1.0	0.0%
4:00 PM	2	30.0	5.6	0.3	18.1	1.0	0.0%
4:00 PM	3	30.0	1.7	0.1	16.4	1.0	0.0%
4:00 PM	4	30.0	3.9	0.2	21.5	1.0	0.0%
4:00 PM	5	30.0	3.6	0.2	17.4	1.0	0.0%
4:00 PM	6	30.0	4.5	0.2	29.6	1.0	0.0%
4:00 PM	7	30.0	1.2	0.1	10.1	0.5	0.0%
4:00 PM	8	30.0	2.0	0.1	7.7	0.5	0.0%
4:00 PM	9	30.0	5.4	0.3	33.3	1.5	0.0%
4:00 PM	10	30.0	2.9	0.2	17.7	1.0	0.0%
4:15 PM	1	29.0	3.1	0.1	19.4	1.0	0.0%
4:15 PM	2	29.0	3.2	0.2	16.6	1.0	0.0%
4:15 PM	3	29.0	1.9	0.1	16.2	1.0	0.0%
4:15 PM	4	29.0	0.5	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	4.6	0.2	17.9	1.0	0.0%
4:15 PM	6	29.0	3.8	0.2	16.8	1.0	0.0%
4:15 PM	7	29.0	1.8	0.1	17.1	1.0	0.0%
4:15 PM	8	29.0	2.7	0.1	18.3	1.0	0.0%
4:15 PM	9	29.0	1.4	0.1	10.5	0.6	0.0%
4:15 PM	10	29.0	3.4	0.2	17.5	1.0	0.0%
3:30 PM	Avg	30.0	3.2	0.2	18.7	1.0	0.0%
3:45 PM	Avg	30.0	3.9	0.2	22.6	1.1	0.0%
4:00 PM	Avg	30.0	3.5	0.2	19.0	1.0	0.0%
4:15 PM	Avg	29.0	2.6	0.1	15.0	0.9	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 274807

3:30 PM	1	30.0	19.9	0.8	69.9	3.0	0.0%
3:30 PM	2	30.0	13.3	0.6	72.8	2.5	0.0%
3:30 PM	3	30.0	19.0	0.7	104.7	2.5	0.0%
3:30 PM	4	30.0	20.5	0.8	69.2	2.0	0.0%
3:30 PM	5	30.0	4.6	0.2	22.5	1.0	0.0%
3:30 PM	6	30.0	18.2	0.8	70.7	2.5	0.0%
3:30 PM	7	30.0	25.1	1.0	95.1	3.5	0.0%
3:30 PM	8	30.0	13.4	0.6	59.2	2.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	12.9	0.4	78.0	2.0	0.0%
3:30 PM	10	30.0	10.4	0.5	43.0	2.0	0.0%
3:45 PM	1	30.0	19.3	0.8	74.1	2.5	0.0%
3:45 PM	2	30.0	11.7	0.5	55.2	2.0	0.0%
3:45 PM	3	30.0	23.6	1.0	84.5	3.5	0.0%
3:45 PM	4	30.0	17.0	0.7	86.5	2.5	0.0%
3:45 PM	5	30.0	20.7	0.9	70.1	2.5	0.0%
3:45 PM	6	30.0	16.8	0.8	69.8	3.0	0.0%
3:45 PM	7	30.0	19.1	0.8	78.8	3.0	0.0%
3:45 PM	8	30.0	13.6	0.5	94.3	3.0	0.0%
3:45 PM	9	30.0	25.7	1.0	87.9	3.5	0.0%
3:45 PM	10	30.0	12.4	0.5	79.6	3.1	0.0%
4:00 PM	1	30.0	12.8	0.6	46.8	2.0	0.0%
4:00 PM	2	30.0	23.3	0.9	98.2	3.0	0.0%
4:00 PM	3	30.0	17.0	0.6	73.5	2.0	0.0%
4:00 PM	4	30.0	10.8	0.5	63.8	2.5	0.0%
4:00 PM	5	30.0	11.6	0.5	50.5	2.0	0.0%
4:00 PM	6	30.0	17.1	0.8	95.5	4.0	0.0%
4:00 PM	7	30.0	11.0	0.5	65.0	2.5	0.0%
4:00 PM	8	30.0	8.2	0.4	44.1	2.0	0.0%
4:00 PM	9	30.0	16.7	0.6	50.9	2.0	0.0%
4:00 PM	10	30.0	17.9	0.7	71.1	3.0	0.0%
4:15 PM	1	29.0	7.9	0.4	44.5	2.0	0.0%
4:15 PM	2	29.0	22.1	0.8	74.5	3.0	0.0%
4:15 PM	3	29.0	11.6	0.6	46.3	2.0	0.0%
4:15 PM	4	29.0	16.5	0.7	71.6	2.6	0.0%
4:15 PM	5	29.0	18.9	0.8	66.3	2.6	0.0%
4:15 PM	6	29.0	8.6	0.4	43.5	2.0	0.0%
4:15 PM	7	29.0	19.6	0.8	74.9	3.0	0.0%
4:15 PM	8	29.0	21.0	0.9	75.1	3.0	0.0%
4:15 PM	9	29.0	12.0	0.5	68.8	2.6	0.0%
4:15 PM	10	29.0	9.1	0.4	57.5	2.6	0.0%
3:30 PM	Avg	30.0	15.7	0.6	68.5	2.4	0.0%
3:45 PM	Avg	30.0	18.0	0.8	78.1	2.9	0.0%
4:00 PM	Avg	30.0	14.6	0.6	65.9	2.5	0.0%
4:15 PM	Avg	29.0	14.7	0.6	62.3	2.5	0.0%

SEB T on LAKE AVE NW - Lane ID 274813

3:30 PM	1	30.0	173.2	5.9	317.9	11.0	0.0%
3:30 PM	2	30.0	74.6	2.8	177.6	6.5	0.0%
3:30 PM	3	30.0	65.9	2.3	194.1	6.5	0.0%
3:30 PM	4	30.0	91.1	3.3	165.1	6.0	0.0%
3:30 PM	5	30.0	230.3	8.2	395.4	14.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	140.2	4.7	302.3	9.0	0.0%
3:30 PM	7	30.0	65.3	2.4	163.5	6.1	0.0%
3:30 PM	8	30.0	103.1	3.5	266.9	9.0	0.0%
3:30 PM	9	30.0	68.4	2.6	165.1	6.0	0.0%
3:30 PM	10	30.0	93.6	3.5	233.3	7.5	0.0%
3:45 PM	1	30.0	87.8	3.2	178.3	6.5	0.0%
3:45 PM	2	30.0	87.4	3.1	202.6	7.1	0.0%
3:45 PM	3	30.0	151.8	5.3	364.3	13.0	0.0%
3:45 PM	4	30.0	147.4	5.2	350.0	12.5	0.0%
3:45 PM	5	30.0	237.7	8.7	404.3	15.0	0.0%
3:45 PM	6	30.0	309.5	10.6	503.6	17.0	0.0%
3:45 PM	7	30.0	82.1	2.9	194.1	7.0	0.0%
3:45 PM	8	30.0	41.5	1.6	97.3	3.5	0.0%
3:45 PM	9	30.0	59.9	2.3	165.1	5.5	0.0%
3:45 PM	10	30.0	61.2	2.2	148.7	4.5	0.0%
4:00 PM	1	30.0	52.4	2.0	166.3	6.5	0.0%
4:00 PM	2	30.0	108.7	4.0	256.3	9.0	0.0%
4:00 PM	3	30.0	222.9	7.7	434.1	15.0	0.0%
4:00 PM	4	30.0	71.9	2.5	191.5	7.0	0.0%
4:00 PM	5	30.0	214.0	7.7	388.5	15.0	0.0%
4:00 PM	6	30.0	85.0	3.1	192.2	7.5	0.0%
4:00 PM	7	30.0	100.4	3.6	281.9	9.5	0.0%
4:00 PM	8	30.0	98.6	3.5	205.1	7.0	0.0%
4:00 PM	9	30.0	91.6	3.4	179.2	7.0	0.0%
4:00 PM	10	30.0	64.8	2.5	165.1	5.0	0.0%
4:15 PM	1	29.0	64.8	2.4	165.1	6.0	0.0%
4:15 PM	2	29.0	82.3	3.0	223.0	7.6	0.0%
4:15 PM	3	29.0	58.2	2.2	149.5	5.0	0.0%
4:15 PM	4	29.0	143.3	5.1	324.4	11.6	0.0%
4:15 PM	5	29.0	311.0	10.8	558.7	18.2	0.0%
4:15 PM	6	29.0	117.5	4.2	306.2	11.0	0.0%
4:15 PM	7	29.0	170.2	6.1	346.2	12.2	0.0%
4:15 PM	8	29.0	210.9	7.6	376.4	13.6	0.0%
4:15 PM	9	29.0	55.0	2.1	165.1	5.6	0.0%
4:15 PM	10	29.0	108.7	3.8	231.2	7.6	0.0%
3:30 PM	Avg	30.0	110.6	3.9	238.1	8.2	0.0%
3:45 PM	Avg	30.0	126.6	4.5	260.8	9.2	0.0%
4:00 PM	Avg	30.0	111.0	4.0	246.0	8.9	0.0%
4:15 PM	Avg	29.0	132.2	4.7	284.6	9.8	0.0%
WB T on LAKE AVE NW - Lane ID 274842							
3:30 PM	1	30.0	5.4	0.3	33.3	1.5	0.0%
3:30 PM	2	30.0	8.3	0.4	36.5	1.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	3.5	0.2	20.8	1.0	0.0%
3:30 PM	4	30.0	1.9	0.1	18.5	1.0	0.0%
3:30 PM	5	30.0	1.5	0.1	12.9	1.0	0.0%
3:30 PM	6	30.0	3.2	0.2	19.6	1.0	0.0%
3:30 PM	7	30.0	3.1	0.2	17.5	1.0	0.0%
3:30 PM	8	30.0	6.3	0.2	27.8	1.0	0.0%
3:30 PM	9	30.0	2.7	0.1	19.7	1.0	0.0%
3:30 PM	10	30.0	4.2	0.2	19.9	1.0	0.0%
3:45 PM	1	30.0	3.2	0.2	16.5	1.0	0.0%
3:45 PM	2	30.0	1.8	0.1	13.3	1.0	0.0%
3:45 PM	3	30.0	4.8	0.3	31.3	1.5	0.0%
3:45 PM	4	30.0	3.3	0.2	19.3	1.0	0.0%
3:45 PM	5	30.0	1.6	0.1	15.1	1.0	0.0%
3:45 PM	6	30.0	2.0	0.1	18.8	1.0	0.0%
3:45 PM	7	30.0	2.9	0.2	17.5	1.0	0.0%
3:45 PM	8	30.0	2.5	0.1	19.0	1.0	0.0%
3:45 PM	9	30.0	7.7	0.3	39.3	1.0	0.0%
3:45 PM	10	30.0	10.5	0.5	51.5	2.0	0.0%
4:00 PM	1	30.0	9.5	0.4	46.1	2.0	0.0%
4:00 PM	2	30.0	7.2	0.4	34.7	1.5	0.0%
4:00 PM	3	30.0	7.5	0.4	41.2	2.0	0.0%
4:00 PM	4	30.0	2.1	0.1	20.7	1.0	0.0%
4:00 PM	5	30.0	4.0	0.2	29.2	1.5	0.0%
4:00 PM	6	30.0	3.2	0.2	21.2	1.0	0.0%
4:00 PM	7	30.0	5.1	0.3	17.9	1.0	0.0%
4:00 PM	8	30.0	6.0	0.3	39.9	1.5	0.0%
4:00 PM	9	30.0	4.0	0.2	26.9	1.5	0.0%
4:00 PM	10	30.0	2.5	0.2	18.4	1.0	0.0%
4:15 PM	1	29.0	3.4	0.2	17.0	1.0	0.0%
4:15 PM	2	29.0	3.7	0.2	22.0	1.0	0.0%
4:15 PM	3	29.0	4.5	0.2	21.6	1.0	0.0%
4:15 PM	4	29.0	2.8	0.1	18.7	1.0	0.0%
4:15 PM	5	29.0	3.2	0.2	21.7	1.0	0.0%
4:15 PM	6	29.0	3.4	0.2	21.5	1.0	0.0%
4:15 PM	7	29.0	5.5	0.3	31.9	1.6	0.0%
4:15 PM	8	29.0	2.8	0.2	17.9	1.0	0.0%
4:15 PM	9	29.0	4.5	0.2	33.0	1.6	0.0%
4:15 PM	10	29.0	5.2	0.2	36.1	1.6	0.0%
3:30 PM	Avg	30.0	4.0	0.2	22.7	1.1	0.0%
3:45 PM	Avg	30.0	4.0	0.2	24.2	1.2	0.0%
4:00 PM	Avg	30.0	5.1	0.3	29.6	1.4	0.0%
4:15 PM	Avg	29.0	3.9	0.2	24.1	1.2	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB T on LAKE AVE NW - Lane ID 274843							
3:30 PM	1	30.0	11.3	0.4	69.4	3.0	0.0%
3:30 PM	2	30.0	23.6	1.0	80.7	3.0	0.0%
3:30 PM	3	30.0	2.9	0.1	18.3	1.0	0.0%
3:30 PM	4	30.0	4.1	0.2	18.1	1.0	0.0%
3:30 PM	5	30.0	10.7	0.5	45.1	2.0	0.0%
3:30 PM	6	30.0	12.2	0.5	56.1	2.1	0.0%
3:30 PM	7	30.0	7.9	0.4	49.2	2.0	0.0%
3:30 PM	8	30.0	8.3	0.4	32.2	1.5	0.0%
3:30 PM	9	30.0	9.0	0.4	45.9	2.1	0.0%
3:30 PM	10	30.0	10.7	0.6	44.3	2.0	0.0%
3:45 PM	1	30.0	11.7	0.5	46.3	2.0	0.0%
3:45 PM	2	30.0	11.9	0.5	64.7	2.5	0.0%
3:45 PM	3	30.0	8.8	0.4	49.9	2.0	0.0%
3:45 PM	4	30.0	15.3	0.7	50.0	2.0	0.0%
3:45 PM	5	30.0	9.8	0.4	61.3	2.5	0.0%
3:45 PM	6	30.0	11.7	0.5	49.1	2.0	0.0%
3:45 PM	7	30.0	6.5	0.3	42.6	2.0	0.0%
3:45 PM	8	30.0	13.3	0.5	74.5	3.0	0.0%
3:45 PM	9	30.0	12.0	0.6	52.0	2.0	0.0%
3:45 PM	10	30.0	14.4	0.6	60.4	2.5	0.0%
4:00 PM	1	30.0	8.9	0.5	48.4	2.0	0.0%
4:00 PM	2	30.0	18.0	0.8	79.6	3.5	0.0%
4:00 PM	3	30.0	14.5	0.6	71.0	3.0	0.0%
4:00 PM	4	30.0	15.1	0.5	83.2	3.0	0.0%
4:00 PM	5	30.0	14.7	0.6	96.6	3.5	0.0%
4:00 PM	6	30.0	13.3	0.6	63.7	2.5	0.0%
4:00 PM	7	30.0	8.0	0.4	36.0	1.5	0.0%
4:00 PM	8	30.0	8.6	0.4	41.8	2.0	0.0%
4:00 PM	9	30.0	5.5	0.3	21.8	1.0	0.0%
4:00 PM	10	30.0	12.3	0.5	64.6	2.5	0.0%
4:15 PM	1	29.0	17.3	0.7	74.1	3.0	0.0%
4:15 PM	2	29.0	13.9	0.5	79.5	2.2	0.0%
4:15 PM	3	29.0	13.4	0.6	60.2	2.6	0.0%
4:15 PM	4	29.0	12.6	0.6	52.7	2.0	0.0%
4:15 PM	5	29.0	4.7	0.2	19.7	1.0	0.0%
4:15 PM	6	29.0	5.7	0.3	29.0	1.6	0.0%
4:15 PM	7	29.0	13.8	0.6	69.3	3.0	0.0%
4:15 PM	8	29.0	8.1	0.3	47.0	2.0	0.0%
4:15 PM	9	29.0	5.7	0.3	24.7	1.0	0.0%
4:15 PM	10	29.0	15.8	0.7	65.7	2.6	0.0%
3:30 PM	Avg	30.0	10.1	0.5	45.9	2.0	0.0%
3:45 PM	Avg	30.0	11.5	0.5	55.1	2.3	0.0%
4:00 PM	Avg	30.0	11.9	0.5	60.7	2.5	0.0%

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 **NODE: 18**

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	11.1	0.5	52.2	2.1	0.0%

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	2.4	1.4	0.0	4.5	10
3:45 PM	2.2	0.9	1.0	4.0	10
4:00 PM	2.2	1.7	0.6	5.9	10
4:15 PM	1.5	0.7	0.7	3.2	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	6.8	3.5	1.1	12.9	10
3:45 PM	5.1	2.8	1.1	11.0	10
4:00 PM	5.1	1.8	2.7	8.3	10
4:15 PM	5.6	3.6	2.0	11.9	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	28.6	8.2	14.1	38.8	10
3:45 PM	35.0	10.0	16.0	46.5	10
4:00 PM	37.6	13.8	18.1	63.4	10
4:15 PM	32.3	12.4	18.1	54.8	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	10.8	2.6	6.8	15.7	10
3:45 PM	14.8	6.0	8.9	27.0	10
4:00 PM	13.7	4.6	8.0	23.3	10
4:15 PM	11.2	6.8	2.8	23.2	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	24.2	6.5	15.4	39.2	10
3:45 PM	23.7	8.3	10.0	33.4	10
4:00 PM	36.7	19.1	12.5	80.4	10
4:15 PM	28.2	10.9	16.0	50.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	16.4	5.8	8.9	23.5	10
3:45 PM	16.5	5.9	8.9	26.0	10
4:00 PM	17.0	7.3	6.9	27.8	10
4:15 PM	16.9	4.6	8.4	24.2	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	16.4	9.1	3.8	32.1	10
3:45 PM	14.3	8.3	6.2	34.2	10
4:00 PM	14.0	5.4	6.2	22.0	10
4:15 PM	17.8	7.5	6.9	29.5	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	3.2	1.6	1.0	6.6	10
3:45 PM	3.9	2.3	1.3	7.9	10
4:00 PM	3.5	1.5	1.2	5.6	10
4:15 PM	2.6	1.2	0.5	4.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	15.7	5.9	4.6	25.1	10
3:45 PM	18.0	4.6	11.7	25.7	10
4:00 PM	14.6	4.5	8.2	23.3	10
4:15 PM	14.7	5.5	7.9	22.1	10
SEB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	110.6	54.7	65.3	230.3	10
3:45 PM	126.6	86.8	41.5	309.5	10
4:00 PM	111.0	59.2	52.4	222.9	10
4:15 PM	132.2	80.9	55.0	311.0	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	4.0	2.1	1.5	8.3	10
3:45 PM	4.0	2.9	1.6	10.5	10
4:00 PM	5.1	2.4	2.1	9.5	10
4:15 PM	3.9	1.0	2.8	5.5	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	10.1	5.6	2.9	23.6	10
3:45 PM	11.5	2.6	6.5	15.3	10
4:00 PM	11.9	3.9	5.5	18.0	10
4:15 PM	11.1	4.6	4.7	17.3	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.1	0.1	0.0	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.1	0.1	0.0	0.3	10
4:15 PM	0.1	0.0	0.0	0.2	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.3	0.2	0.1	0.6	10
3:45 PM	0.2	0.1	0.1	0.3	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.2	0.1	0.1	0.5	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	1.1	0.3	0.6	1.5	10
3:45 PM	1.4	0.4	0.7	1.8	10
4:00 PM	1.5	0.5	0.9	2.4	10
4:15 PM	1.3	0.4	0.9	1.8	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.5	0.1	0.3	0.7	10
3:45 PM	0.6	0.2	0.3	0.9	10
4:00 PM	0.6	0.2	0.4	0.9	10
4:15 PM	0.5	0.3	0.1	0.9	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	0.9	0.2	0.6	1.4	10
3:45 PM	0.9	0.3	0.4	1.2	10
4:00 PM	1.3	0.6	0.5	2.6	10
4:15 PM	1.1	0.4	0.7	1.8	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.7	0.2	0.4	0.9	10
3:45 PM	0.7	0.2	0.4	1.0	10
4:00 PM	0.7	0.3	0.3	1.1	10
4:15 PM	0.7	0.2	0.4	1.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	0.7	0.4	0.2	1.4	10
3:45 PM	0.6	0.3	0.3	1.2	10
4:00 PM	0.6	0.2	0.3	0.8	10
4:15 PM	0.7	0.2	0.3	1.1	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.2	0.1	0.1	0.3	10
3:45 PM	0.2	0.1	0.1	0.4	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.1	0.1	0.0	0.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.6	0.2	0.2	1.0	10
3:45 PM	0.8	0.2	0.5	1.0	10
4:00 PM	0.6	0.2	0.4	0.9	10
4:15 PM	0.6	0.2	0.4	0.9	10
SEB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	3.9	1.9	2.3	8.2	10
3:45 PM	4.5	3.0	1.6	10.6	10
4:00 PM	4.0	2.0	2.0	7.7	10
4:15 PM	4.7	2.8	2.1	10.8	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.2	0.1	0.1	0.4	10
3:45 PM	0.2	0.1	0.1	0.5	10
4:00 PM	0.3	0.1	0.1	0.4	10
4:15 PM	0.2	0.0	0.1	0.3	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.5	0.2	0.1	1.0	10
3:45 PM	0.5	0.1	0.3	0.7	10
4:00 PM	0.5	0.1	0.3	0.8	10
4:15 PM	0.5	0.2	0.2	0.7	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	14.8	7.5	0.0	24.6	10
3:45 PM	15.5	7.3	6.0	30.5	10
4:00 PM	9.6	11.0	0.0	26.6	10
4:15 PM	10.1	5.9	0.0	19.4	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	40.9	18.2	8.8	59.6	10
3:45 PM	27.4	13.1	9.0	48.6	10
4:00 PM	27.3	9.7	16.9	44.5	10
4:15 PM	33.4	18.5	8.2	65.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	94.0	20.8	50.7	127.7	10
3:45 PM	104.9	23.9	61.1	137.6	10
4:00 PM	106.1	34.4	48.7	154.1	10
4:15 PM	113.7	46.7	49.5	210.8	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	49.8	12.5	31.1	68.9	10
3:45 PM	64.7	16.2	49.1	99.9	10
4:00 PM	61.3	16.7	31.0	87.7	10
4:15 PM	51.3	26.0	20.2	92.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	107.1	33.5	58.4	170.3	10
3:45 PM	92.5	26.5	53.2	142.4	10
4:00 PM	126.5	51.2	52.1	208.3	10
4:15 PM	106.1	49.9	46.1	212.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	72.5	17.9	49.1	103.6	10
3:45 PM	74.7	25.1	45.5	116.5	10
4:00 PM	74.3	37.2	25.0	146.2	10
4:15 PM	70.0	20.9	35.3	104.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	68.7	29.0	19.7	102.0	10
3:45 PM	63.7	26.1	38.9	113.4	10
4:00 PM	65.8	17.7	36.7	86.4	10
4:15 PM	77.3	30.7	41.9	115.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	18.7	7.2	8.0	32.4	10
3:45 PM	22.6	9.6	9.4	35.4	10
4:00 PM	19.0	7.8	7.7	33.3	10
4:15 PM	15.0	5.8	0.0	19.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	68.5	23.5	22.5	104.7	10
3:45 PM	78.1	11.3	55.2	94.3	10
4:00 PM	65.9	19.2	44.1	98.2	10
4:15 PM	62.3	13.2	43.5	75.1	10
SEB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	238.1	80.2	163.5	395.4	10
3:45 PM	260.8	133.9	97.3	503.6	10
4:00 PM	246.0	95.4	165.1	434.1	10
4:15 PM	284.6	126.0	149.5	558.7	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	22.7	7.5	12.9	36.5	10
3:45 PM	24.2	12.5	13.3	51.5	10
4:00 PM	29.6	10.3	17.9	46.1	10
4:15 PM	24.1	6.9	17.0	36.1	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	45.9	20.0	18.1	80.7	10
3:45 PM	55.1	9.8	42.6	74.5	10
4:00 PM	60.7	23.4	21.8	96.6	10
4:15 PM	52.2	21.5	19.7	79.5	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 — NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.8	0.3	0.0	1.0	10
3:45 PM	0.8	0.3	0.5	1.5	10
4:00 PM	0.5	0.5	0.0	1.0	10
4:15 PM	0.7	0.3	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	1.7	0.7	0.5	2.5	10
3:45 PM	1.2	0.4	0.5	1.5	10
4:00 PM	1.2	0.2	1.0	1.5	10
4:15 PM	1.5	0.6	0.6	2.6	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	3.4	0.8	2.0	4.5	10
3:45 PM	3.8	1.0	2.0	5.0	10
4:00 PM	3.8	1.2	2.0	5.5	10
4:15 PM	4.0	1.4	2.0	6.8	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	1.9	0.4	1.0	2.5	10
3:45 PM	2.3	0.5	1.5	3.1	10
4:00 PM	2.3	0.7	1.0	3.0	10
4:15 PM	1.9	0.7	1.0	3.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	3.8	1.1	2.0	6.1	10
3:45 PM	3.2	0.7	2.0	4.5	10
4:00 PM	4.5	1.6	2.0	7.5	10
4:15 PM	3.8	1.7	2.0	7.6	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 — NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	2.6	0.5	1.5	3.1	10
3:45 PM	2.8	0.7	2.0	4.1	10
4:00 PM	2.6	1.2	1.0	5.0	10
4:15 PM	2.7	0.7	1.6	3.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	2.6	0.8	1.0	3.5	10
3:45 PM	2.3	0.6	1.5	3.5	10
4:00 PM	2.4	0.7	1.0	3.0	10
4:15 PM	2.7	0.7	2.0	4.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	1.0	0.3	0.5	1.5	10
3:45 PM	1.1	0.3	0.5	1.5	10
4:00 PM	1.0	0.3	0.5	1.5	10
4:15 PM	0.9	0.3	0.0	1.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	2.4	0.7	1.0	3.5	10
3:45 PM	2.9	0.5	2.0	3.5	10
4:00 PM	2.5	0.7	2.0	4.0	10
4:15 PM	2.5	0.4	2.0	3.0	10
SEB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	8.2	2.6	6.0	14.0	10
3:45 PM	9.2	4.8	3.5	17.0	10
4:00 PM	8.9	3.5	5.0	15.0	10
4:15 PM	9.8	4.2	5.0	18.2	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	1.1	0.2	1.0	1.5	10
3:45 PM	1.2	0.3	1.0	2.0	10
4:00 PM	1.4	0.4	1.0	2.0	10
4:15 PM	1.2	0.3	1.0	1.6	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	2.0	0.7	1.0	3.0	10
3:45 PM	2.3	0.4	2.0	3.0	10
4:00 PM	2.5	0.8	1.0	3.5	10
4:15 PM	2.1	0.7	1.0	3.0	10

Project: Alt 2e_SR-21 & Lake Ave_RABx2
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55108, 55114, 55110, 55112, 55107, 55113, 55109 & 55111 NODE: 7

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274839					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274791					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274793					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on [Unnamed Street] - Lane ID 274785					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

55127, 55129, 55126, 55128, 55131, 55144, 55130 & 55132 NODE: 18

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NB T on GREAT LAKES BLVD NW - Lane ID 274810					
NB T on GREAT LAKES BLVD NW - Lane ID 274851					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274806					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 274807					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on LAKE AVE NW - Lane ID 274813					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274842					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Build Alternate 3

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 2

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NWB T on GREAT LAKES BLVD NW: Superlink ID 55109					
7:15 AM	1	122.0	1.00	28.2	C
7:15 AM	2	124.0	1.30	36.9	D
7:15 AM	3	121.0	1.10	31.7	C
7:15 AM	4	119.0	0.90	27.7	C
7:15 AM	5	122.0	1.00	30.8	C
7:15 AM	6	122.0	1.00	28.8	C
7:15 AM	7	121.0	1.10	32.0	C
7:15 AM	8	123.0	1.10	32.0	C
7:15 AM	9	124.0	1.00	27.7	C
7:15 AM	10	126.0	1.10	31.9	C
7:30 AM	1	138.0	1.10	29.8	C
7:30 AM	2	136.0	1.30	33.9	C
7:30 AM	3	141.0	1.20	31.6	C
7:30 AM	4	141.0	1.50	38.9	D
7:30 AM	5	133.0	1.00	26.4	C
7:30 AM	6	138.0	1.20	30.0	C
7:30 AM	7	141.0	1.20	30.1	C
7:30 AM	8	140.0	1.10	29.1	C
7:30 AM	9	132.0	1.30	36.6	D
7:30 AM	10	135.0	1.20	32.3	C
7:45 AM	1	142.0	1.20	30.4	C
7:45 AM	2	144.0	1.50	38.1	D
7:45 AM	3	137.0	1.10	29.2	C
7:45 AM	4	142.0	1.20	30.1	C
7:45 AM	5	144.0	1.30	33.5	C
7:45 AM	6	139.0	1.20	32.0	C
7:45 AM	7	141.0	1.20	31.2	C
7:45 AM	8	141.0	1.20	31.9	C
7:45 AM	9	147.0	1.30	32.9	C
7:45 AM	10	144.0	1.20	29.7	C
8:00 AM	1	139.0	1.20	29.9	C
8:00 AM	2	135.0	1.10	30.6	C
8:00 AM	3	140.0	1.40	34.8	C
8:00 AM	4	139.0	1.30	33.6	C
8:00 AM	5	139.0	1.40	37.5	D
8:00 AM	6	139.0	1.20	32.3	C

8:00 AM	7	134.0	1.20	31.1	C
8:00 AM	8	134.0	1.20	31.8	C
8:00 AM	9	136.0	1.30	34.3	C
8:00 AM	10	134.0	1.10	29.8	C
7:15 AM	Avg	122.4	1.06	30.8	C
7:30 AM	Avg	137.5	1.21	31.9	C
7:45 AM	Avg	142.1	1.24	31.9	C
8:00 AM	Avg	136.9	1.24	32.6	C

SEB L on GREAT LAKES BLVD NW: Superlink ID 55107

7:15 AM	1	113.0	0.40	11.9	B
7:15 AM	2	115.0	0.40	12.7	B
7:15 AM	3	117.0	0.40	11.4	B
7:15 AM	4	116.0	0.50	14.1	B
7:15 AM	5	111.0	0.40	12.8	B
7:15 AM	6	115.0	0.40	13.4	B
7:15 AM	7	109.0	0.40	13.1	B
7:15 AM	8	118.0	0.40	11.9	B
7:15 AM	9	111.0	0.50	14.6	B
7:15 AM	10	114.0	0.40	12.3	B
7:30 AM	1	132.0	0.50	14.8	B
7:30 AM	2	132.0	0.60	15.1	B
7:30 AM	3	130.0	0.50	13.3	B
7:30 AM	4	132.0	0.50	14.2	B
7:30 AM	5	127.0	0.50	13.7	B
7:30 AM	6	130.0	0.50	14.5	B
7:30 AM	7	125.0	0.50	14.7	B
7:30 AM	8	119.0	0.50	14.7	B
7:30 AM	9	125.0	0.40	12.9	B
7:30 AM	10	130.0	0.50	14.4	B
7:45 AM	1	127.0	0.50	12.9	B
7:45 AM	2	122.0	0.50	14.3	B
7:45 AM	3	119.0	0.50	14.7	B
7:45 AM	4	131.0	0.50	14.9	B
7:45 AM	5	120.0	0.50	13.7	B
7:45 AM	6	121.0	0.40	12.9	B
7:45 AM	7	133.0	0.60	15.3	B
7:45 AM	8	131.0	0.50	13.1	B
7:45 AM	9	138.0	0.60	15.5	B
7:45 AM	10	120.0	0.40	13.2	B
8:00 AM	1	122.0	0.50	13.3	B
8:00 AM	2	129.0	0.50	14.9	B
8:00 AM	3	135.0	0.50	12.8	B
8:00 AM	4	127.0	0.60	15.8	B
8:00 AM	5	133.0	0.50	12.2	B
8:00 AM	6	139.0	0.60	15.5	B
8:00 AM	7	137.0	0.70	17.3	B

8:00 AM	8	136.0	0.60	15.6	B
8:00 AM	9	124.0	0.50	13.9	B
8:00 AM	10	133.0	0.60	15.4	B
7:15 AM	Avg	113.9	0.42	12.8	B
7:30 AM	Avg	128.2	0.50	14.2	B
7:45 AM	Avg	126.2	0.50	14.0	B
8:00 AM	Avg	131.5	0.56	14.7	B

SEB T on GREAT LAKES BLVD NW: Superlink ID 55107

7:15 AM	1	166.0	0.00	0.1	A
7:15 AM	2	168.0	0.00	0.1	A
7:15 AM	3	163.0	0.00	0.0	A
7:15 AM	4	166.0	0.00	0.1	A
7:15 AM	5	165.0	0.00	0.0	A
7:15 AM	6	167.0	0.00	0.1	A
7:15 AM	7	166.0	0.00	0.0	A
7:15 AM	8	164.0	0.00	0.1	A
7:15 AM	9	165.0	0.00	0.1	A
7:15 AM	10	167.0	0.00	0.0	A
7:30 AM	1	189.0	0.00	0.1	A
7:30 AM	2	188.0	0.00	0.0	A
7:30 AM	3	188.0	0.00	0.0	A
7:30 AM	4	189.0	0.00	0.1	A
7:30 AM	5	189.0	0.00	0.1	A
7:30 AM	6	187.0	0.00	0.0	A
7:30 AM	7	184.0	0.00	0.1	A
7:30 AM	8	188.0	0.00	0.1	A
7:30 AM	9	190.0	0.00	0.1	A
7:30 AM	10	188.0	0.00	0.1	A
7:45 AM	1	187.0	0.00	0.0	A
7:45 AM	2	190.0	0.00	0.1	A
7:45 AM	3	190.0	0.00	0.1	A
7:45 AM	4	191.0	0.00	0.0	A
7:45 AM	5	187.0	0.00	0.0	A
7:45 AM	6	190.0	0.00	0.0	A
7:45 AM	7	194.0	0.00	0.1	A
7:45 AM	8	190.0	0.00	0.1	A
7:45 AM	9	191.0	0.00	0.1	A
7:45 AM	10	186.0	0.00	0.1	A
8:00 AM	1	184.0	0.00	0.0	A
8:00 AM	2	185.0	0.00	0.0	A
8:00 AM	3	186.0	0.00	0.0	A
8:00 AM	4	184.0	0.00	0.1	A
8:00 AM	5	182.0	0.00	0.0	A
8:00 AM	6	183.0	0.00	0.1	A
8:00 AM	7	185.0	0.00	0.1	A
8:00 AM	8	185.0	0.00	0.1	A

8:00 AM	9	180.0	0.00	0.1	A
8:00 AM	10	185.0	0.00	0.1	A
7:15 AM	Avg	165.7	0.00	0.1	A
7:30 AM	Avg	188.0	0.00	0.1	A
7:45 AM	Avg	189.6	0.00	0.1	A
8:00 AM	Avg	183.9	0.00	0.1	A

GREAT LAKES BLVD NW -- SIGNALIZED NODE: 3

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NWB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	1	116.0	0.30	8.9	A
7:15 AM	2	118.0	0.30	8.3	A
7:15 AM	3	115.0	0.30	8.1	A
7:15 AM	4	117.0	0.30	8.3	A
7:15 AM	5	113.0	0.30	8.5	A
7:15 AM	6	121.0	0.30	7.9	A
7:15 AM	7	112.0	0.20	6.9	A
7:15 AM	8	114.0	0.40	11.1	B
7:15 AM	9	113.0	0.20	7.9	A
7:15 AM	10	115.0	0.30	9.3	A
7:30 AM	1	137.0	0.30	8.5	A
7:30 AM	2	147.0	0.30	8.2	A
7:30 AM	3	140.0	0.30	8.2	A
7:30 AM	4	140.0	0.30	8.9	A
7:30 AM	5	137.0	0.30	7.3	A
7:30 AM	6	138.0	0.30	7.7	A
7:30 AM	7	136.0	0.40	10.8	B
7:30 AM	8	140.0	0.30	7.7	A
7:30 AM	9	138.0	0.20	6.3	A
7:30 AM	10	135.0	0.30	8.7	A
7:45 AM	1	130.0	0.40	9.7	A
7:45 AM	2	123.0	0.40	10.7	B
7:45 AM	3	126.0	0.30	7.4	A
7:45 AM	4	134.0	0.20	6.2	A
7:45 AM	5	129.0	0.30	8.5	A
7:45 AM	6	128.0	0.30	7.5	A
7:45 AM	7	141.0	0.40	10.6	B
7:45 AM	8	134.0	0.40	11.2	B
7:45 AM	9	142.0	0.30	8.8	A
7:45 AM	10	128.0	0.30	9.2	A
8:00 AM	1	130.0	0.30	8.2	A
8:00 AM	2	136.0	0.30	9.0	A
8:00 AM	3	144.0	0.40	10.4	B
8:00 AM	4	132.0	0.30	8.8	A
8:00 AM	5	135.0	0.30	8.0	A
8:00 AM	6	136.0	0.40	9.7	A

8:00 AM	7	135.0	0.40	10.0	A
8:00 AM	8	135.0	0.30	9.2	A
8:00 AM	9	128.0	0.20	7.0	A
8:00 AM	10	137.0	0.30	8.7	A
7:15 AM	Avg	115.4	0.29	8.5	A
7:30 AM	Avg	138.8	0.30	8.2	A
7:45 AM	Avg	131.5	0.33	9.0	A
8:00 AM	Avg	134.8	0.32	8.9	A

NWB T on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	111.0	0.00	0.0	A
7:15 AM	2	110.0	0.00	0.0	A
7:15 AM	3	109.0	0.00	0.0	A
7:15 AM	4	113.0	0.00	0.0	A
7:15 AM	5	107.0	0.00	0.0	A
7:15 AM	6	111.0	0.00	0.0	A
7:15 AM	7	112.0	0.00	0.0	A
7:15 AM	8	114.0	0.00	0.0	A
7:15 AM	9	109.0	0.00	0.0	A
7:15 AM	10	113.0	0.00	0.0	A
7:30 AM	1	122.0	0.00	0.0	A
7:30 AM	2	127.0	0.00	0.0	A
7:30 AM	3	126.0	0.00	0.0	A
7:30 AM	4	122.0	0.00	0.0	A
7:30 AM	5	122.0	0.00	0.0	A
7:30 AM	6	122.0	0.00	0.0	A
7:30 AM	7	121.0	0.00	0.0	A
7:30 AM	8	121.0	0.00	0.0	A
7:30 AM	9	122.0	0.00	0.0	A
7:30 AM	10	122.0	0.00	0.0	A
7:45 AM	1	120.0	0.00	0.0	A
7:45 AM	2	117.0	0.00	0.0	A
7:45 AM	3	116.0	0.00	0.0	A
7:45 AM	4	120.0	0.00	0.0	A
7:45 AM	5	122.0	0.00	0.0	A
7:45 AM	6	118.0	0.00	0.0	A
7:45 AM	7	120.0	0.00	0.0	A
7:45 AM	8	121.0	0.00	0.0	A
7:45 AM	9	123.0	0.00	0.0	A
7:45 AM	10	120.0	0.00	0.0	A
8:00 AM	1	119.0	0.00	0.0	A
8:00 AM	2	118.0	0.00	0.0	A
8:00 AM	3	118.0	0.00	0.0	A
8:00 AM	4	119.0	0.00	0.0	A
8:00 AM	5	118.0	0.00	0.0	A
8:00 AM	6	127.0	0.00	0.0	A
8:00 AM	7	123.0	0.00	0.0	A

8:00 AM	8	119.0	0.00	0.0	A
8:00 AM	9	119.0	0.00	0.0	A
8:00 AM	10	122.0	0.00	0.0	A
7:15 AM	Avg	110.9	0.00	0.0	A
7:30 AM	Avg	122.7	0.00	0.0	A
7:45 AM	Avg	119.7	0.00	0.0	A
8:00 AM	Avg	120.2	0.00	0.0	A

SEB T on GREAT LAKES BLVD NW: Superlink ID 55108

7:15 AM	1	125.0	0.90	25.8	C
7:15 AM	2	123.0	0.90	27.4	C
7:15 AM	3	120.0	1.00	30.3	C
7:15 AM	4	126.0	1.00	29.4	C
7:15 AM	5	122.0	1.00	28.8	C
7:15 AM	6	119.0	1.00	29.4	C
7:15 AM	7	122.0	1.10	31.2	C
7:15 AM	8	126.0	1.00	28.0	C
7:15 AM	9	122.0	1.10	33.6	C
7:15 AM	10	123.0	0.80	22.3	C
7:30 AM	1	127.0	1.10	30.0	C
7:30 AM	2	130.0	1.20	32.2	C
7:30 AM	3	130.0	1.10	31.4	C
7:30 AM	4	127.0	1.00	29.4	C
7:30 AM	5	129.0	1.00	28.0	C
7:30 AM	6	134.0	1.10	30.9	C
7:30 AM	7	131.0	1.10	30.9	C
7:30 AM	8	126.0	1.20	33.1	C
7:30 AM	9	129.0	1.10	31.4	C
7:30 AM	10	129.0	1.20	32.8	C
7:45 AM	1	134.0	1.00	26.2	C
7:45 AM	2	136.0	1.10	30.2	C
7:45 AM	3	130.0	1.10	30.2	C
7:45 AM	4	132.0	1.20	33.0	C
7:45 AM	5	128.0	1.00	29.3	C
7:45 AM	6	130.0	1.10	30.9	C
7:45 AM	7	129.0	1.00	27.1	C
7:45 AM	8	128.0	1.10	30.8	C
7:45 AM	9	130.0	1.10	30.5	C
7:45 AM	10	133.0	1.20	31.7	C
8:00 AM	1	128.0	1.20	33.3	C
8:00 AM	2	134.0	1.10	28.3	C
8:00 AM	3	133.0	1.10	29.2	C
8:00 AM	4	134.0	1.10	28.8	C
8:00 AM	5	136.0	1.10	29.3	C
8:00 AM	6	135.0	1.20	33.3	C
8:00 AM	7	133.0	1.30	34.3	C
8:00 AM	8	137.0	1.10	29.6	C

8:00 AM	9	135.0	1.10	30.1	C
8:00 AM	10	128.0	1.10	30.3	C
7:15 AM	Avg	122.8	0.98	28.6	C
7:30 AM	Avg	129.2	1.11	31.0	C
7:45 AM	Avg	131.0	1.09	30.0	C
8:00 AM	Avg	133.3	1.14	30.6	C

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB R on LAKE AVE NW: Superlink ID 52029					
7:15 AM	1	107.0	0.60	21.8	C
7:15 AM	2	108.0	0.70	22.0	C
7:15 AM	3	107.0	0.70	22.7	C
7:15 AM	4	106.0	0.60	19.6	B
7:15 AM	5	109.0	0.60	20.0	B
7:15 AM	6	109.0	0.60	21.0	C
7:15 AM	7	106.0	0.70	23.2	C
7:15 AM	8	109.0	0.60	21.2	C
7:15 AM	9	106.0	0.60	21.6	C
7:15 AM	10	109.0	0.60	18.9	B
7:30 AM	1	111.0	0.70	21.1	C
7:30 AM	2	106.0	0.60	18.9	B
7:30 AM	3	110.0	0.70	22.3	C
7:30 AM	4	110.0	0.70	21.9	C
7:30 AM	5	107.0	0.60	19.5	B
7:30 AM	6	107.0	0.60	20.4	C
7:30 AM	7	109.0	0.60	19.0	B
7:30 AM	8	107.0	0.60	19.3	B
7:30 AM	9	107.0	0.60	21.4	C
7:30 AM	10	106.0	0.60	20.9	C
7:45 AM	1	106.0	0.50	18.5	B
7:45 AM	2	109.0	0.60	20.9	C
7:45 AM	3	105.0	0.70	22.7	C
7:45 AM	4	110.0	0.60	19.6	B
7:45 AM	5	105.0	0.60	21.2	C
7:45 AM	6	107.0	0.60	21.1	C
7:45 AM	7	112.0	0.60	19.9	B
7:45 AM	8	107.0	0.60	19.2	B
7:45 AM	9	113.0	0.70	21.5	C
7:45 AM	10	107.0	0.60	20.5	C
8:00 AM	1	113.0	0.60	20.5	C
8:00 AM	2	111.0	0.60	18.6	B
8:00 AM	3	117.0	0.70	20.2	C
8:00 AM	4	110.0	0.50	17.4	B
8:00 AM	5	117.0	0.70	20.2	C
8:00 AM	6	115.0	0.70	22.2	C

8:00 AM	7	112.0	0.60	19.5	B
8:00 AM	8	115.0	0.60	19.7	B
8:00 AM	9	108.0	0.70	22.7	C
8:00 AM	10	116.0	0.70	21.4	C
7:15 AM	Avg	107.6	0.63	21.2	C
7:30 AM	Avg	108.0	0.63	20.5	C
7:45 AM	Avg	108.1	0.61	20.5	C
8:00 AM	Avg	113.4	0.64	20.2	C

NWB R on GREAT LAKES BLVD NW: Superlink ID 55107

7:15 AM	1	155.0	0.50	11.2	B
7:15 AM	2	155.0	0.50	12.3	B
7:15 AM	3	158.0	0.50	11.2	B
7:15 AM	4	160.0	0.50	12.1	B
7:15 AM	5	153.0	0.60	13.1	B
7:15 AM	6	157.0	0.60	13.6	B
7:15 AM	7	148.0	0.40	10.5	B
7:15 AM	8	158.0	0.50	10.7	B
7:15 AM	9	158.0	0.60	13.0	B
7:15 AM	10	156.0	0.50	12.0	B
7:30 AM	1	184.0	0.70	13.1	B
7:30 AM	2	182.0	0.70	13.4	B
7:30 AM	3	184.0	0.80	15.2	B
7:30 AM	4	177.0	0.60	12.4	B
7:30 AM	5	190.0	0.60	12.1	B
7:30 AM	6	183.0	0.60	12.1	B
7:30 AM	7	190.0	0.70	13.5	B
7:30 AM	8	180.0	0.60	12.9	B
7:30 AM	9	180.0	0.60	12.3	B
7:30 AM	10	183.0	0.70	13.5	B
7:45 AM	1	186.0	0.70	13.8	B
7:45 AM	2	183.0	0.60	12.5	B
7:45 AM	3	179.0	0.60	12.5	B
7:45 AM	4	185.0	0.70	13.4	B
7:45 AM	5	179.0	0.50	10.7	B
7:45 AM	6	178.0	0.70	13.2	B
7:45 AM	7	180.0	0.60	11.2	B
7:45 AM	8	181.0	0.60	11.6	B
7:45 AM	9	188.0	0.80	15.9	B
7:45 AM	10	178.0	0.60	11.9	B
8:00 AM	1	177.0	0.50	11.0	B
8:00 AM	2	181.0	0.60	12.9	B
8:00 AM	3	180.0	0.60	12.7	B
8:00 AM	4	186.0	0.70	12.9	B
8:00 AM	5	182.0	0.80	15.6	B
8:00 AM	6	184.0	0.60	12.0	B
8:00 AM	7	184.0	0.60	11.9	B

8:00 AM	8	187.0	0.70	13.6	B
8:00 AM	9	179.0	0.60	11.9	B
8:00 AM	10	184.0	0.60	11.7	B
7:15 AM	Avg	155.8	0.52	12.0	B
7:30 AM	Avg	183.3	0.66	13.0	B
7:45 AM	Avg	181.7	0.64	12.7	B
8:00 AM	Avg	182.4	0.63	12.6	B

NWB T on GREAT LAKES BLVD NW: Superlink ID 55107

7:15 AM	1	72.0	0.10	5.2	A
7:15 AM	2	72.0	0.10	5.0	A
7:15 AM	3	73.0	0.10	6.7	A
7:15 AM	4	70.0	0.10	7.2	A
7:15 AM	5	68.0	0.10	7.6	A
7:15 AM	6	73.0	0.10	4.8	A
7:15 AM	7	68.0	0.10	6.3	A
7:15 AM	8	77.0	0.20	7.3	A
7:15 AM	9	68.0	0.10	4.6	A
7:15 AM	10	73.0	0.10	5.9	A
7:30 AM	1	88.0	0.20	7.4	A
7:30 AM	2	95.0	0.20	8.5	A
7:30 AM	3	91.0	0.20	9.2	A
7:30 AM	4	92.0	0.20	7.5	A
7:30 AM	5	80.0	0.20	6.8	A
7:30 AM	6	91.0	0.20	7.6	A
7:30 AM	7	87.0	0.20	6.5	A
7:30 AM	8	83.0	0.10	5.3	A
7:30 AM	9	83.0	0.20	9.1	A
7:30 AM	10	86.0	0.20	7.2	A
7:45 AM	1	84.0	0.10	5.5	A
7:45 AM	2	77.0	0.10	6.6	A
7:45 AM	3	74.0	0.10	6.3	A
7:45 AM	4	86.0	0.10	6.2	A
7:45 AM	5	81.0	0.10	5.5	A
7:45 AM	6	77.0	0.10	6.8	A
7:45 AM	7	90.0	0.20	6.7	A
7:45 AM	8	87.0	0.20	7.6	A
7:45 AM	9	92.0	0.20	6.0	A
7:45 AM	10	78.0	0.20	7.3	A
8:00 AM	1	80.0	0.10	5.0	A
8:00 AM	2	82.0	0.20	6.6	A
8:00 AM	3	91.0	0.20	6.5	A
8:00 AM	4	83.0	0.10	6.5	A
8:00 AM	5	86.0	0.20	6.9	A
8:00 AM	6	89.0	0.10	5.7	A
8:00 AM	7	85.0	0.10	5.9	A
8:00 AM	8	83.0	0.10	6.1	A

8:00 AM	9	81.0	0.10	5.8	A
8:00 AM	10	91.0	0.10	5.8	A
7:15 AM	Avg	71.4	0.11	6.1	A
7:30 AM	Avg	87.6	0.19	7.5	A
7:45 AM	Avg	82.6	0.14	6.5	A
8:00 AM	Avg	85.1	0.13	6.1	A

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	117.0	0.40	11.3	B
7:15 AM	2	112.0	0.40	12.3	B
7:15 AM	3	117.0	0.40	12.0	B
7:15 AM	4	114.0	0.40	12.9	B
7:15 AM	5	112.0	0.40	11.5	B
7:15 AM	6	115.0	0.40	11.8	B
7:15 AM	7	108.0	0.40	12.8	B
7:15 AM	8	110.0	0.40	12.1	B
7:15 AM	9	106.0	0.40	12.5	B
7:15 AM	10	113.0	0.40	11.4	B
7:30 AM	1	140.0	0.50	13.6	B
7:30 AM	2	139.0	0.50	13.3	B
7:30 AM	3	131.0	0.50	14.6	B
7:30 AM	4	144.0	0.50	11.9	B
7:30 AM	5	138.0	0.50	13.7	B
7:30 AM	6	138.0	0.50	11.8	B
7:30 AM	7	136.0	0.50	13.6	B
7:30 AM	8	131.0	0.50	13.4	B
7:30 AM	9	143.0	0.50	11.9	B
7:30 AM	10	138.0	0.50	13.1	B
7:45 AM	1	138.0	0.40	11.4	B
7:45 AM	2	131.0	0.40	12.3	B
7:45 AM	3	126.0	0.50	14.4	B
7:45 AM	4	131.0	0.50	14.2	B
7:45 AM	5	131.0	0.40	11.3	B
7:45 AM	6	129.0	0.40	12.1	B
7:45 AM	7	139.0	0.50	12.3	B
7:45 AM	8	135.0	0.40	10.6	B
7:45 AM	9	144.0	0.40	11.2	B
7:45 AM	10	122.0	0.50	14.0	B
8:00 AM	1	130.0	0.40	12.4	B
8:00 AM	2	138.0	0.50	12.5	B
8:00 AM	3	135.0	0.50	13.9	B
8:00 AM	4	134.0	0.50	13.8	B
8:00 AM	5	132.0	0.40	10.5	B
8:00 AM	6	141.0	0.50	13.2	B
8:00 AM	7	134.0	0.50	13.5	B
8:00 AM	8	134.0	0.50	13.6	B
8:00 AM	9	126.0	0.40	12.3	B

8:00 AM	10	127.0	0.50	13.4	B
7:15 AM	Avg	112.4	0.40	12.0	B
7:30 AM	Avg	137.8	0.50	13.1	B
7:45 AM	Avg	132.6	0.44	12.4	B
8:00 AM	Avg	133.1	0.47	12.9	B

SB TR on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	108.0	0.40	12.7	B
7:15 AM	2	118.0	0.30	9.9	A
7:15 AM	3	105.0	0.30	10.9	B
7:15 AM	4	111.0	0.30	8.8	A
7:15 AM	5	107.0	0.30	9.8	A
7:15 AM	6	111.0	0.30	9.2	A
7:15 AM	7	110.0	0.30	10.0	A
7:15 AM	8	115.0	0.30	8.1	A
7:15 AM	9	112.0	0.30	9.2	A
7:15 AM	10	109.0	0.30	9.4	A
7:30 AM	1	136.0	0.30	8.8	A
7:30 AM	2	146.0	0.30	8.6	A
7:30 AM	3	147.0	0.40	10.6	B
7:30 AM	4	136.0	0.50	13.2	B
7:30 AM	5	140.0	0.40	10.8	B
7:30 AM	6	144.0	0.50	12.4	B
7:30 AM	7	139.0	0.40	10.7	B
7:30 AM	8	143.0	0.40	10.7	B
7:30 AM	9	135.0	0.40	11.1	B
7:30 AM	10	140.0	0.40	11.2	B
7:45 AM	1	130.0	0.40	11.1	B
7:45 AM	2	131.0	0.40	10.4	B
7:45 AM	3	135.0	0.40	9.7	A
7:45 AM	4	140.0	0.40	9.0	A
7:45 AM	5	130.0	0.40	10.5	B
7:45 AM	6	133.0	0.40	10.6	B
7:45 AM	7	136.0	0.40	9.9	A
7:45 AM	8	134.0	0.30	7.9	A
7:45 AM	9	134.0	0.40	11.4	B
7:45 AM	10	140.0	0.40	11.4	B
8:00 AM	1	120.0	0.40	11.8	B
8:00 AM	2	126.0	0.50	13.1	B
8:00 AM	3	134.0	0.50	13.0	B
8:00 AM	4	125.0	0.40	11.3	B
8:00 AM	5	128.0	0.40	11.2	B
8:00 AM	6	122.0	0.40	11.9	B
8:00 AM	7	130.0	0.40	12.2	B
8:00 AM	8	131.0	0.40	10.8	B
8:00 AM	9	129.0	0.50	12.8	B
8:00 AM	10	133.0	0.40	10.1	B

7:15 AM	Avg	110.6	0.31	9.8	A
7:30 AM	Avg	140.6	0.40	10.8	B
7:45 AM	Avg	134.3	0.39	10.2	B
8:00 AM	Avg	127.8	0.43	11.8	B

WB R on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	162.0	1.00	23.1	C
7:15 AM	2	167.0	1.10	22.7	C
7:15 AM	3	158.0	1.20	26.2	C
7:15 AM	4	166.0	1.30	27.6	C
7:15 AM	5	163.0	1.20	26.1	C
7:15 AM	6	166.0	1.30	27.2	C
7:15 AM	7	163.0	1.00	22.3	C
7:15 AM	8	160.0	1.00	23.1	C
7:15 AM	9	163.0	1.20	26.6	C
7:15 AM	10	162.0	1.10	25.3	C
7:30 AM	1	166.0	1.10	24.0	C
7:30 AM	2	171.0	1.30	28.2	C
7:30 AM	3	173.0	1.40	29.3	C
7:30 AM	4	170.0	1.20	24.7	C
7:30 AM	5	170.0	1.40	29.3	C
7:30 AM	6	164.0	1.10	24.3	C
7:30 AM	7	167.0	1.10	22.8	C
7:30 AM	8	170.0	1.10	23.2	C
7:30 AM	9	170.0	1.20	26.2	C
7:30 AM	10	166.0	1.10	24.6	C
7:45 AM	1	168.0	1.30	28.0	C
7:45 AM	2	162.0	1.00	21.8	C
7:45 AM	3	166.0	1.20	27.1	C
7:45 AM	4	165.0	1.10	24.0	C
7:45 AM	5	169.0	1.20	26.3	C
7:45 AM	6	170.0	1.30	28.2	C
7:45 AM	7	169.0	1.00	22.3	C
7:45 AM	8	170.0	1.30	26.6	C
7:45 AM	9	173.0	1.40	29.8	C
7:45 AM	10	169.0	1.30	26.7	C
8:00 AM	1	173.0	1.20	24.4	C
8:00 AM	2	178.0	1.50	29.7	C
8:00 AM	3	177.0	1.40	27.9	C
8:00 AM	4	173.0	1.30	28.0	C
8:00 AM	5	172.0	1.30	27.0	C
8:00 AM	6	176.0	1.20	25.6	C
8:00 AM	7	179.0	1.30	25.4	C
8:00 AM	8	174.0	1.30	27.1	C
8:00 AM	9	172.0	1.20	25.1	C
8:00 AM	10	174.0	1.60	33.0	C

7:15 AM	Avg	163.0	1.14	25.0	C
7:30 AM	Avg	168.7	1.20	25.7	C
7:45 AM	Avg	168.1	1.21	26.1	C
8:00 AM	Avg	174.8	1.33	27.3	C

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW: Superlink ID 55109					
7:15 AM	1.1	0.1	0.9	1.3	10
7:30 AM	1.2	0.1	1.0	1.5	10
7:45 AM	1.2	0.1	1.1	1.5	10
8:00 AM	1.2	0.1	1.1	1.4	10
SEB L on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	0.4	0.0	0.4	0.5	10
7:30 AM	0.5	0.0	0.4	0.6	10
7:45 AM	0.5	0.1	0.4	0.6	10
8:00 AM	0.6	0.1	0.5	0.7	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.0	0.2	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.1	0.2	0.4	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					
7:15 AM	1.0	0.1	0.8	1.1	10
7:30 AM	1.1	0.1	1.0	1.2	10
7:45 AM	1.1	0.1	1.0	1.2	10
8:00 AM	1.1	0.1	1.1	1.3	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW: Superlink ID 52029					
7:15 AM	0.6	0.0	0.6	0.7	10
7:30 AM	0.6	0.0	0.6	0.7	10
7:45 AM	0.6	0.1	0.5	0.7	10
8:00 AM	0.6	0.1	0.5	0.7	10
NWB R on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	0.5	0.1	0.4	0.6	10
7:30 AM	0.7	0.1	0.6	0.8	10
7:45 AM	0.6	0.1	0.5	0.8	10
8:00 AM	0.6	0.1	0.5	0.8	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.2	0.0	0.1	0.2	10
7:45 AM	0.1	0.1	0.1	0.2	10
8:00 AM	0.1	0.0	0.1	0.2	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.4	0.0	0.4	0.4	10
7:30 AM	0.5	0.0	0.5	0.5	10
7:45 AM	0.4	0.1	0.4	0.5	10
8:00 AM	0.5	0.0	0.4	0.5	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.3	0.0	0.3	0.4	10
7:30 AM	0.4	0.1	0.3	0.5	10
7:45 AM	0.4	0.0	0.3	0.4	10
8:00 AM	0.4	0.0	0.4	0.5	10
WB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	1.1	0.1	1.0	1.3	10
7:30 AM	1.2	0.1	1.1	1.4	10
7:45 AM	1.2	0.1	1.0	1.4	10
8:00 AM	1.3	0.1	1.2	1.6	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW: Superlink ID 55109					
7:15 AM	30.8	2.8	27.7	36.9	10
7:30 AM	31.9	3.7	26.4	38.9	10
7:45 AM	31.9	2.6	29.2	38.1	10
8:00 AM	32.6	2.5	29.8	37.5	10
SEB L on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	12.8	1.0	11.4	14.6	10
7:30 AM	14.2	0.7	12.9	15.1	10
7:45 AM	14.0	1.0	12.9	15.5	10
8:00 AM	14.7	1.6	12.2	17.3	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.0	0.0	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	8.5	1.1	6.9	11.1	10
7:30 AM	8.2	1.2	6.3	10.8	10
7:45 AM	9.0	1.6	6.2	11.2	10
8:00 AM	8.9	1.0	7.0	10.4	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					
7:15 AM	28.6	3.1	22.3	33.6	10
7:30 AM	31.0	1.5	28.0	33.1	10
7:45 AM	30.0	2.1	26.2	33.0	10
8:00 AM	30.6	2.2	28.3	34.3	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW: Superlink ID 52029					
7:15 AM	21.2	1.4	18.9	23.2	10
7:30 AM	20.5	1.2	18.9	22.3	10
7:45 AM	20.5	1.2	18.5	22.7	10
8:00 AM	20.2	1.6	17.4	22.7	10
NWB R on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	12.0	1.1	10.5	13.6	10
7:30 AM	13.0	0.9	12.1	15.2	10
7:45 AM	12.7	1.5	10.7	15.9	10
8:00 AM	12.6	1.3	11.0	15.6	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 55107					
7:15 AM	6.1	1.1	4.6	7.6	10
7:30 AM	7.5	1.2	5.3	9.2	10
7:45 AM	6.5	0.7	5.5	7.6	10
8:00 AM	6.1	0.6	5.0	6.9	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	12.0	0.6	11.3	12.9	10
7:30 AM	13.1	0.9	11.8	14.6	10
7:45 AM	12.4	1.4	10.6	14.4	10
8:00 AM	12.9	1.0	10.5	13.9	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	9.8	1.3	8.1	12.7	10
7:30 AM	10.8	1.4	8.6	13.2	10
7:45 AM	10.2	1.1	7.9	11.4	10
8:00 AM	11.8	1.0	10.1	13.1	10
WB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	25.0	2.0	22.3	27.6	10
7:30 AM	25.7	2.5	22.8	29.3	10
7:45 AM	26.1	2.6	21.8	29.8	10
8:00 AM	27.3	2.6	24.4	33.0	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT **NODE: 13**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	1	61.0	0.10	4.6	A
7:15 AM	2	63.0	0.10	5.3	A
7:15 AM	3	63.0	0.10	5.8	A
7:15 AM	4	63.0	0.10	5.1	A
7:15 AM	5	59.0	0.10	5.2	A
7:15 AM	6	61.0	0.10	5.3	A
7:15 AM	7	57.0	0.10	5.1	A
7:15 AM	8	61.0	0.10	4.8	A
7:15 AM	9	62.0	0.10	4.7	A
7:15 AM	10	61.0	0.10	4.9	A
7:30 AM	1	73.0	0.10	5.3	A
7:30 AM	2	67.0	0.10	5.7	A
7:30 AM	3	69.0	0.10	5.8	A
7:30 AM	4	69.0	0.10	7.2	A
7:30 AM	5	75.0	0.10	5.3	A
7:30 AM	6	72.0	0.10	5.4	A
7:30 AM	7	76.0	0.10	5.7	A
7:30 AM	8	71.0	0.10	4.7	A
7:30 AM	9	69.0	0.10	4.6	A
7:30 AM	10	71.0	0.10	5.2	A
7:45 AM	1	73.0	0.10	6.2	A
7:45 AM	2	73.0	0.10	5.4	A
7:45 AM	3	72.0	0.10	5.7	A
7:45 AM	4	75.0	0.10	5.5	A
7:45 AM	5	72.0	0.10	4.8	A
7:45 AM	6	73.0	0.10	5.4	A
7:45 AM	7	72.0	0.10	5.3	A
7:45 AM	8	73.0	0.10	5.0	A
7:45 AM	9	75.0	0.10	4.7	A
7:45 AM	10	70.0	0.10	4.1	A
8:00 AM	1	73.0	0.10	4.8	A
8:00 AM	2	75.0	0.10	5.1	A
8:00 AM	3	73.0	0.10	5.8	A
8:00 AM	4	70.0	0.10	5.6	A
8:00 AM	5	71.0	0.10	5.8	A
8:00 AM	6	73.0	0.10	5.7	A
8:00 AM	7	72.0	0.10	5.5	A
8:00 AM	8	74.0	0.10	4.9	A
8:00 AM	9	75.0	0.10	4.8	A
8:00 AM	10	74.0	0.10	5.0	A
7:15 AM	Avg	61.1	0.10	5.1	A
7:30 AM	Avg	71.2	0.10	5.5	A
7:45 AM	Avg	72.8	0.10	5.2	A

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	73.0	0.10	5.3	A
EB T on LAKE AVE NW: Lane ID 274869					
7:15 AM	1	93.0	0.10	4.8	A
7:15 AM	2	90.0	0.10	5.7	A
7:15 AM	3	94.0	0.20	6.3	A
7:15 AM	4	95.0	0.10	5.4	A
7:15 AM	5	93.0	0.20	6.1	A
7:15 AM	6	95.0	0.10	5.1	A
7:15 AM	7	90.0	0.20	6.3	A
7:15 AM	8	95.0	0.20	6.0	A
7:15 AM	9	94.0	0.10	5.6	A
7:15 AM	10	94.0	0.10	5.5	A
7:30 AM	1	108.0	0.20	5.5	A
7:30 AM	2	114.0	0.20	5.4	A
7:30 AM	3	111.0	0.20	5.5	A
7:30 AM	4	107.0	0.20	6.5	A
7:30 AM	5	114.0	0.20	5.7	A
7:30 AM	6	110.0	0.20	6.1	A
7:30 AM	7	112.0	0.20	6.5	A
7:30 AM	8	107.0	0.10	4.4	A
7:30 AM	9	109.0	0.20	5.3	A
7:30 AM	10	109.0	0.20	5.8	A
7:45 AM	1	113.0	0.20	5.6	A
7:45 AM	2	111.0	0.20	5.8	A
7:45 AM	3	109.0	0.20	6.5	A
7:45 AM	4	112.0	0.20	5.5	A
7:45 AM	5	107.0	0.20	5.4	A
7:45 AM	6	105.0	0.20	6.4	A
7:45 AM	7	109.0	0.20	6.1	A
7:45 AM	8	110.0	0.20	5.5	A
7:45 AM	9	112.0	0.20	5.6	A
7:45 AM	10	110.0	0.20	6.0	A
8:00 AM	1	107.0	0.20	5.9	A
8:00 AM	2	107.0	0.20	5.5	A
8:00 AM	3	109.0	0.20	5.6	A
8:00 AM	4	114.0	0.20	6.5	A
8:00 AM	5	112.0	0.20	5.9	A
8:00 AM	6	112.0	0.20	6.2	A
8:00 AM	7	111.0	0.20	5.3	A
8:00 AM	8	112.0	0.20	6.8	A
8:00 AM	9	108.0	0.20	5.5	A
8:00 AM	10	111.0	0.20	5.2	A

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	93.3	0.14	5.7	A
7:30 AM	Avg	110.1	0.19	5.6	A
7:45 AM	Avg	109.8	0.20	5.8	A
8:00 AM	Avg	110.3	0.20	5.8	A
NB T on [Unnamed Street]: Lane ID 274849					
7:15 AM	1	36.0	0.10	10.6	B
7:15 AM	2	37.0	0.10	7.1	A
7:15 AM	3	35.0	0.10	7.3	A
7:15 AM	4	39.0	0.10	9.8	A
7:15 AM	5	37.0	0.10	8.2	A
7:15 AM	6	38.0	0.10	8.1	A
7:15 AM	7	37.0	0.10	9.2	A
7:15 AM	8	37.0	0.10	8.9	A
7:15 AM	9	37.0	0.10	8.3	A
7:15 AM	10	38.0	0.10	7.7	A
7:30 AM	1	39.0	0.10	12.2	B
7:30 AM	2	36.0	0.10	8.6	A
7:30 AM	3	39.0	0.10	7.7	A
7:30 AM	4	36.0	0.10	9.8	A
7:30 AM	5	38.0	0.10	10.3	B
7:30 AM	6	35.0	0.10	9.0	A
7:30 AM	7	37.0	0.10	8.8	A
7:30 AM	8	37.0	0.10	8.9	A
7:30 AM	9	37.0	0.10	7.5	A
7:30 AM	10	35.0	0.10	8.8	A
7:45 AM	1	36.0	0.10	9.0	A
7:45 AM	2	38.0	0.10	11.3	B
7:45 AM	3	36.0	0.10	9.7	A
7:45 AM	4	36.0	0.10	9.2	A
7:45 AM	5	37.0	0.10	12.4	B
7:45 AM	6	38.0	0.10	7.4	A
7:45 AM	7	36.0	0.10	7.9	A
7:45 AM	8	37.0	0.10	7.8	A
7:45 AM	9	38.0	0.10	9.5	A
7:45 AM	10	40.0	0.10	11.4	B
8:00 AM	1	35.0	0.10	10.0	B
8:00 AM	2	37.0	0.10	10.7	B
8:00 AM	3	37.0	0.10	10.2	B
8:00 AM	4	38.0	0.10	13.1	B
8:00 AM	5	38.0	0.10	11.1	B
8:00 AM	6	37.0	0.10	9.3	A
8:00 AM	7	39.0	0.10	9.0	A

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	38.0	0.10	8.5	A
8:00 AM	9	38.0	0.10	9.6	A
8:00 AM	10	37.0	0.10	8.9	A
7:15 AM	Avg	37.1	0.10	8.5	A
7:30 AM	Avg	36.9	0.10	9.2	A
7:45 AM	Avg	37.2	0.10	9.6	A
8:00 AM	Avg	37.4	0.10	10.0	B
SWB T on [Unnamed Street]: Lane ID 274845					
7:15 AM	1	91.0	0.20	8.9	A
7:15 AM	2	90.0	0.20	9.8	A
7:15 AM	3	89.0	0.20	7.6	A
7:15 AM	4	90.0	0.30	11.6	B
7:15 AM	5	89.0	0.30	13.7	B
7:15 AM	6	92.0	0.40	17.6	C
7:15 AM	7	89.0	0.20	9.7	A
7:15 AM	8	90.0	0.20	8.3	A
7:15 AM	9	88.0	0.30	13.1	B
7:15 AM	10	89.0	0.20	8.0	A
7:30 AM	1	91.0	0.20	9.7	A
7:30 AM	2	92.0	0.30	12.6	B
7:30 AM	3	93.0	0.50	20.1	C
7:30 AM	4	91.0	0.20	8.0	A
7:30 AM	5	98.0	0.50	18.9	C
7:30 AM	6	90.0	0.20	8.7	A
7:30 AM	7	93.0	0.20	9.4	A
7:30 AM	8	92.0	0.20	9.1	A
7:30 AM	9	96.0	0.20	8.0	A
7:30 AM	10	94.0	0.20	9.0	A
7:45 AM	1	94.0	0.40	13.8	B
7:45 AM	2	93.0	0.20	7.2	A
7:45 AM	3	89.0	0.40	14.6	B
7:45 AM	4	92.0	0.20	9.1	A
7:45 AM	5	89.0	0.20	9.1	A
7:45 AM	6	94.0	0.30	11.2	B
7:45 AM	7	95.0	0.20	9.1	A
7:45 AM	8	92.0	0.20	9.7	A
7:45 AM	9	93.0	0.40	14.2	B
7:45 AM	10	89.0	0.20	9.6	A
8:00 AM	1	91.0	0.20	8.9	A
8:00 AM	2	93.0	0.70	28.5	D
8:00 AM	3	96.0	0.30	9.7	A
8:00 AM	4	93.0	0.40	15.6	C

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	90.0	0.30	10.5	B
8:00 AM	6	91.0	0.30	9.9	A
8:00 AM	7	90.0	0.30	10.0	B
8:00 AM	8	92.0	0.30	9.9	A
8:00 AM	9	91.0	0.20	9.7	A
8:00 AM	10	97.0	0.60	22.8	C
7:15 AM	Avg	89.7	0.25	10.8	B
7:30 AM	Avg	93.0	0.27	11.3	B
7:45 AM	Avg	92.0	0.27	10.7	B
8:00 AM	Avg	92.4	0.36	13.5	B

WB T on LAKE AVE NW: Lane ID 274847

7:15 AM	1	131.0	0.30	8.4	A
7:15 AM	2	131.0	0.30	8.2	A
7:15 AM	3	130.0	0.30	8.6	A
7:15 AM	4	133.0	0.40	9.6	A
7:15 AM	5	133.0	0.40	10.4	B
7:15 AM	6	133.0	0.40	9.6	A
7:15 AM	7	129.0	0.30	8.2	A
7:15 AM	8	127.0	0.30	8.8	A
7:15 AM	9	132.0	0.30	8.2	A
7:15 AM	10	130.0	0.30	8.2	A
7:30 AM	1	133.0	0.40	10.5	B
7:30 AM	2	138.0	0.40	9.7	A
7:30 AM	3	135.0	0.40	11.4	B
7:30 AM	4	136.0	0.40	10.2	B
7:30 AM	5	132.0	0.50	12.3	B
7:30 AM	6	134.0	0.40	10.3	B
7:30 AM	7	137.0	0.40	10.4	B
7:30 AM	8	138.0	0.40	9.6	A
7:30 AM	9	135.0	0.30	9.1	A
7:30 AM	10	136.0	0.30	8.6	A
7:45 AM	1	136.0	0.40	10.0	B
7:45 AM	2	132.0	0.40	10.8	B
7:45 AM	3	137.0	0.40	11.3	B
7:45 AM	4	132.0	0.30	9.1	A
7:45 AM	5	132.0	0.40	10.2	B
7:45 AM	6	135.0	0.40	11.0	B
7:45 AM	7	135.0	0.30	9.3	A
7:45 AM	8	136.0	0.40	9.8	A
7:45 AM	9	133.0	0.50	13.2	B
7:45 AM	10	136.0	0.40	10.6	B
8:00 AM	1	136.0	0.40	9.7	A

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	137.0	0.40	10.1	B
8:00 AM	3	134.0	0.40	10.6	B
8:00 AM	4	135.0	0.40	10.4	B
8:00 AM	5	136.0	0.40	10.0	B
8:00 AM	6	137.0	0.40	9.5	A
8:00 AM	7	135.0	0.30	8.8	A
8:00 AM	8	135.0	0.30	9.2	A
8:00 AM	9	132.0	0.40	9.9	A
8:00 AM	10	129.0	0.50	12.8	B
7:15 AM	Avg	130.9	0.33	8.8	A
7:30 AM	Avg	135.4	0.39	10.2	B
7:45 AM	Avg	134.4	0.39	10.5	B
8:00 AM	Avg	134.6	0.39	10.1	B

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
EB T on LAKE AVE NW: Lane ID 274869					
7:15 AM	0.1	0.1	0.1	0.2	10
7:30 AM	0.2	0.0	0.1	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.2	0.2	10
NB T on [Unnamed Street]: Lane ID 274849					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
SWB T on [Unnamed Street]: Lane ID 274845					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.4	0.2	0.2	0.7	10
WB T on LAKE AVE NW: Lane ID 274847					
7:15 AM	0.3	0.0	0.3	0.4	10
7:30 AM	0.4	0.1	0.3	0.5	10
7:45 AM	0.4	0.1	0.3	0.5	10
8:00 AM	0.4	0.1	0.3	0.5	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274843					
7:15 AM	5.1	0.4	4.6	5.8	10
7:30 AM	5.5	0.7	4.6	7.2	10
7:45 AM	5.2	0.6	4.1	6.2	10
8:00 AM	5.3	0.4	4.8	5.8	10
EB T on LAKE AVE NW: Lane ID 274869					
7:15 AM	5.7	0.5	4.8	6.3	10
7:30 AM	5.6	0.6	4.4	6.5	10
7:45 AM	5.8	0.4	5.4	6.5	10
8:00 AM	5.8	0.5	5.2	6.8	10
NB T on [Unnamed Street]: Lane ID 274849					
7:15 AM	8.5	1.1	7.1	10.6	10
7:30 AM	9.2	1.3	7.5	12.2	10
7:45 AM	9.6	1.7	7.4	12.4	10
8:00 AM	10.0	1.4	8.5	13.1	10
SWB T on [Unnamed Street]: Lane ID 274845					
7:15 AM	10.8	3.2	7.6	17.6	10
7:30 AM	11.3	4.5	8.0	20.1	10
7:45 AM	10.7	2.6	7.2	14.6	10
8:00 AM	13.5	6.8	8.9	28.5	10
WB T on LAKE AVE NW: Lane ID 274847					
7:15 AM	8.8	0.8	8.2	10.4	10
7:30 AM	10.2	1.1	8.6	12.3	10
7:45 AM	10.5	1.2	9.1	13.2	10
8:00 AM	10.1	1.1	8.8	12.8	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274843							
7:15 AM	1	31.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	2	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	31.0	2.3	0.1	16.4	1.0	0.0%
7:15 AM	4	31.0	3.2	0.1	18.8	1.0	0.0%
7:15 AM	5	31.0	1.5	0.1	15.2	1.0	0.0%
7:15 AM	6	31.0	4.8	0.2	23.2	1.0	0.0%
7:15 AM	7	31.0	0.5	0.0	0.0	0.0	0.0%
7:15 AM	8	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	9	31.0	1.8	0.1	8.8	0.5	0.0%
7:15 AM	10	31.0	2.9	0.2	25.8	1.5	0.0%
7:30 AM	1	30.0	1.1	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	5.7	0.3	31.8	1.5	0.0%
7:30 AM	3	30.0	2.0	0.1	9.0	0.5	0.0%
7:30 AM	4	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	3.5	0.2	22.0	1.0	0.0%
7:30 AM	6	30.0	3.8	0.2	29.4	1.0	0.0%
7:30 AM	7	30.0	1.2	0.1	7.7	0.5	0.0%
7:30 AM	8	30.0	0.8	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	2.2	0.1	18.2	1.0	0.0%
7:30 AM	10	30.0	4.2	0.2	24.3	1.0	0.0%
7:45 AM	1	30.0	1.5	0.1	13.7	1.0	0.0%
7:45 AM	2	30.0	0.7	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	4.6	0.2	16.1	1.0	0.0%
7:45 AM	4	30.0	1.0	0.1	6.7	0.5	0.0%
7:45 AM	5	30.0	1.0	0.1	8.5	0.5	0.0%
7:45 AM	6	30.0	0.7	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	1.2	0.1	7.8	0.5	0.0%
7:45 AM	9	30.0	2.9	0.1	14.8	1.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	30.0	1.6	0.1	14.5	1.0	0.0%
8:00 AM	2	30.0	0.7	0.0	0.0	0.0	0.0%
8:00 AM	3	30.0	1.6	0.1	16.5	1.0	0.0%
8:00 AM	4	30.0	1.0	0.1	8.3	0.5	0.0%
8:00 AM	5	30.0	3.6	0.2	18.5	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	30.0	1.5	0.1	14.2	1.0	0.0%
8:00 AM	7	30.0	3.5	0.1	15.9	1.0	0.0%
8:00 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	Avg	31.0	1.8	0.1	10.8	0.6	0.0%
7:30 AM	Avg	30.0	2.5	0.1	14.2	0.7	0.0%
7:45 AM	Avg	30.0	1.4	0.1	6.8	0.5	0.0%
8:00 AM	Avg	30.0	1.4	0.1	8.8	0.6	0.0%
EB T on LAKE AVE NW - Lane ID 274869							
7:15 AM	1	31.0	3.6	0.2	22.6	1.0	0.0%
7:15 AM	2	31.0	6.2	0.2	18.2	1.0	0.0%
7:15 AM	3	31.0	2.1	0.1	16.2	1.0	0.0%
7:15 AM	4	31.0	1.7	0.1	17.6	1.0	0.0%
7:15 AM	5	31.0	3.0	0.1	23.5	1.0	0.0%
7:15 AM	6	31.0	3.7	0.2	26.8	1.5	0.0%
7:15 AM	7	31.0	3.7	0.2	17.7	1.0	0.0%
7:15 AM	8	31.0	5.7	0.2	42.3	1.5	0.0%
7:15 AM	9	31.0	3.7	0.2	23.2	1.0	0.0%
7:15 AM	10	31.0	3.1	0.1	18.4	1.0	0.0%
7:30 AM	1	30.0	3.5	0.1	25.4	1.1	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	5.9	0.3	36.3	1.5	0.0%
7:30 AM	4	30.0	9.2	0.3	45.4	1.0	0.0%
7:30 AM	5	30.0	5.2	0.3	28.6	1.5	0.0%
7:30 AM	6	30.0	6.1	0.2	39.8	1.0	0.0%
7:30 AM	7	30.0	13.9	0.5	87.4	3.0	0.0%
7:30 AM	8	30.0	0.8	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	3.0	0.2	17.0	1.0	0.0%
7:30 AM	10	30.0	3.8	0.2	18.9	1.0	0.0%
7:45 AM	1	30.0	2.6	0.1	10.9	0.5	0.0%
7:45 AM	2	30.0	1.4	0.1	12.8	1.0	0.0%
7:45 AM	3	30.0	8.0	0.3	59.9	2.0	0.0%
7:45 AM	4	30.0	2.7	0.1	12.1	0.5	0.0%
7:45 AM	5	30.0	2.8	0.1	21.2	1.0	0.0%
7:45 AM	6	30.0	4.9	0.2	23.4	1.0	0.0%
7:45 AM	7	30.0	4.3	0.2	33.9	1.1	0.0%
7:45 AM	8	30.0	3.1	0.1	17.1	1.0	0.0%
7:45 AM	9	30.0	2.9	0.1	22.2	1.0	0.0%
7:45 AM	10	30.0	4.2	0.2	18.8	1.0	0.0%
8:00 AM	1	30.0	6.6	0.3	48.9	2.0	0.0%
8:00 AM	2	30.0	7.8	0.3	59.1	2.0	0.0%

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	30.0	3.4	0.2	16.7	1.0	0.0%
8:00 AM	4	30.0	8.9	0.4	61.2	2.5	0.0%
8:00 AM	5	30.0	4.7	0.2	21.5	1.0	0.0%
8:00 AM	6	30.0	6.0	0.3	23.7	1.0	0.0%
8:00 AM	7	30.0	5.7	0.3	25.9	1.0	0.0%
8:00 AM	8	30.0	6.8	0.3	51.1	2.0	0.0%
8:00 AM	9	30.0	4.7	0.2	28.4	1.0	0.0%
8:00 AM	10	30.0	1.2	0.1	9.6	0.5	0.0%
7:15 AM	Avg	31.0	3.7	0.2	22.7	1.1	0.0%
7:30 AM	Avg	30.0	5.1	0.2	29.9	1.1	0.0%
7:45 AM	Avg	30.0	3.7	0.2	23.2	1.0	0.0%
8:00 AM	Avg	30.0	5.6	0.3	34.6	1.4	0.0%
NB T on [Unnamed Street] - Lane ID 274849							
7:15 AM	1	31.0	5.6	0.3	21.0	1.0	0.0%
7:15 AM	2	31.0	2.9	0.2	18.2	1.0	0.0%
7:15 AM	3	31.0	2.9	0.2	17.7	1.0	0.0%
7:15 AM	4	31.0	7.0	0.3	34.3	1.5	0.0%
7:15 AM	5	31.0	0.8	0.1	4.4	0.5	0.0%
7:15 AM	6	31.0	3.8	0.2	28.3	1.0	0.0%
7:15 AM	7	31.0	6.4	0.3	40.5	2.0	0.0%
7:15 AM	8	31.0	3.4	0.2	20.4	1.0	0.0%
7:15 AM	9	31.0	1.4	0.1	7.5	0.5	0.0%
7:15 AM	10	31.0	1.1	0.1	6.8	0.5	0.0%
7:30 AM	1	30.0	4.0	0.2	21.2	1.0	0.0%
7:30 AM	2	30.0	4.3	0.2	19.5	1.0	0.0%
7:30 AM	3	30.0	2.4	0.1	18.3	1.0	0.0%
7:30 AM	4	30.0	6.8	0.3	33.4	1.5	0.0%
7:30 AM	5	30.0	6.9	0.3	43.5	1.5	0.0%
7:30 AM	6	30.0	3.1	0.2	18.7	1.0	0.0%
7:30 AM	7	30.0	4.6	0.2	35.4	1.0	0.0%
7:30 AM	8	30.0	1.9	0.1	6.0	0.5	0.0%
7:30 AM	9	30.0	2.4	0.1	19.1	1.0	0.0%
7:30 AM	10	30.0	5.5	0.2	32.6	1.5	0.0%
7:45 AM	1	30.0	2.1	0.1	16.0	1.0	0.0%
7:45 AM	2	30.0	5.1	0.2	34.3	1.0	0.0%
7:45 AM	3	30.0	1.9	0.1	16.2	1.0	0.0%
7:45 AM	4	30.0	3.2	0.2	20.3	1.0	0.0%
7:45 AM	5	30.0	6.1	0.3	20.1	1.0	0.0%
7:45 AM	6	30.0	2.6	0.2	16.2	1.0	0.0%
7:45 AM	7	30.0	2.6	0.1	16.6	1.0	0.0%
7:45 AM	8	30.0	4.0	0.2	18.3	1.0	0.0%
7:45 AM	9	30.0	2.4	0.1	16.4	1.0	0.0%

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	7.3	0.3	34.5	1.0	0.0%
8:00 AM	1	30.0	1.7	0.1	10.8	0.5	0.0%
8:00 AM	2	30.0	4.1	0.2	19.0	1.0	0.0%
8:00 AM	3	30.0	4.7	0.2	19.1	1.0	0.0%
8:00 AM	4	30.0	8.0	0.3	29.8	1.5	0.0%
8:00 AM	5	30.0	4.7	0.3	16.3	1.0	0.0%
8:00 AM	6	30.0	2.8	0.1	18.3	1.0	0.0%
8:00 AM	7	30.0	4.9	0.3	18.5	1.0	0.0%
8:00 AM	8	30.0	3.1	0.2	17.6	1.0	0.0%
8:00 AM	9	30.0	2.3	0.1	16.2	1.0	0.0%
8:00 AM	10	30.0	4.9	0.2	33.4	1.5	0.0%
7:15 AM	Avg	31.0	3.5	0.2	19.9	1.0	0.0%
7:30 AM	Avg	30.0	4.2	0.2	24.8	1.1	0.0%
7:45 AM	Avg	30.0	3.7	0.2	20.9	1.0	0.0%
8:00 AM	Avg	30.0	4.1	0.2	19.9	1.1	0.0%
SWB T on [Unnamed Street] - Lane ID 274845							
7:15 AM	1	31.0	17.2	0.6	67.6	2.0	0.0%
7:15 AM	2	31.0	12.1	0.5	67.3	2.5	0.0%
7:15 AM	3	31.0	12.4	0.4	78.4	2.5	0.0%
7:15 AM	4	31.0	7.8	0.4	36.8	1.5	0.0%
7:15 AM	5	31.0	16.6	0.7	97.8	4.0	0.0%
7:15 AM	6	31.0	34.0	1.2	130.3	4.5	0.0%
7:15 AM	7	31.0	8.1	0.3	48.7	2.0	0.0%
7:15 AM	8	31.0	5.8	0.3	38.9	2.0	0.0%
7:15 AM	9	31.0	17.8	0.8	63.5	2.5	0.0%
7:15 AM	10	31.0	4.4	0.2	28.4	1.0	0.0%
7:30 AM	1	30.0	17.1	0.6	79.8	2.5	0.0%
7:30 AM	2	30.0	16.5	0.7	73.9	2.5	0.0%
7:30 AM	3	30.0	38.3	1.4	118.5	4.0	0.0%
7:30 AM	4	30.0	9.8	0.4	39.9	1.5	0.0%
7:30 AM	5	30.0	44.0	1.5	186.3	6.1	0.0%
7:30 AM	6	30.0	12.4	0.5	61.5	2.5	0.0%
7:30 AM	7	30.0	8.0	0.4	31.0	1.5	0.0%
7:30 AM	8	30.0	11.4	0.5	41.9	2.0	0.0%
7:30 AM	9	30.0	4.2	0.2	19.1	1.0	0.0%
7:30 AM	10	30.0	14.7	0.5	73.1	2.5	0.0%
7:45 AM	1	30.0	15.7	0.6	107.3	4.5	0.0%
7:45 AM	2	30.0	7.9	0.4	38.6	1.5	0.0%
7:45 AM	3	30.0	33.1	1.3	108.1	4.0	0.0%
7:45 AM	4	30.0	9.1	0.5	45.6	2.0	0.0%
7:45 AM	5	30.0	11.6	0.5	58.1	2.0	0.0%
7:45 AM	6	30.0	9.3	0.4	46.5	1.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	9.6	0.4	64.8	2.5	0.0%
7:45 AM	8	30.0	16.7	0.7	71.1	2.5	0.0%
7:45 AM	9	30.0	33.1	1.2	123.8	4.5	0.0%
7:45 AM	10	30.0	12.3	0.6	45.4	2.0	0.0%
8:00 AM	1	30.0	6.6	0.3	39.8	1.5	0.0%
8:00 AM	2	30.0	60.0	2.3	181.0	7.0	0.0%
8:00 AM	3	30.0	7.6	0.3	34.3	1.5	0.0%
8:00 AM	4	30.0	16.0	0.6	70.9	2.5	0.0%
8:00 AM	5	30.0	16.7	0.7	78.8	3.0	0.0%
8:00 AM	6	30.0	12.5	0.5	64.5	2.0	0.0%
8:00 AM	7	30.0	16.0	0.6	76.6	3.0	0.0%
8:00 AM	8	30.0	10.9	0.5	53.7	2.0	0.0%
8:00 AM	9	30.0	9.7	0.5	61.8	2.5	0.0%
8:00 AM	10	30.0	56.0	2.2	131.1	5.0	0.0%
7:15 AM	Avg	31.0	13.6	0.5	65.8	2.5	0.0%
7:30 AM	Avg	30.0	17.6	0.7	72.5	2.6	0.0%
7:45 AM	Avg	30.0	15.8	0.7	70.9	2.7	0.0%
8:00 AM	Avg	30.0	21.2	0.9	79.3	3.0	0.0%
WB T on LAKE AVE NW - Lane ID 274847							
7:15 AM	1	31.0	16.2	0.6	65.3	3.0	0.0%
7:15 AM	2	31.0	5.3	0.2	33.7	1.5	0.0%
7:15 AM	3	31.0	9.0	0.4	45.6	2.0	0.0%
7:15 AM	4	31.0	20.4	0.8	72.7	3.0	0.0%
7:15 AM	5	31.0	26.6	0.9	111.4	3.5	0.0%
7:15 AM	6	31.0	9.4	0.4	58.0	2.0	0.0%
7:15 AM	7	31.0	23.0	0.8	90.1	3.0	0.0%
7:15 AM	8	31.0	14.0	0.6	68.6	2.5	0.0%
7:15 AM	9	31.0	13.0	0.5	79.1	3.0	0.0%
7:15 AM	10	31.0	15.4	0.6	65.7	2.5	0.0%
7:30 AM	1	30.0	12.8	0.5	57.7	2.0	0.0%
7:30 AM	2	30.0	16.2	0.6	71.3	2.5	0.0%
7:30 AM	3	30.0	19.8	0.8	75.4	3.0	0.0%
7:30 AM	4	30.0	11.2	0.4	55.7	2.0	0.0%
7:30 AM	5	30.0	23.8	1.0	78.4	3.0	0.0%
7:30 AM	6	30.0	13.9	0.6	66.9	3.0	0.0%
7:30 AM	7	30.0	17.9	0.7	93.1	3.5	0.0%
7:30 AM	8	30.0	17.8	0.8	53.9	2.0	0.0%
7:30 AM	9	30.0	10.9	0.4	72.8	2.5	0.0%
7:30 AM	10	30.0	9.8	0.4	58.3	2.5	0.0%
7:45 AM	1	30.0	12.1	0.5	57.6	2.0	0.0%
7:45 AM	2	30.0	31.9	1.1	114.3	3.0	0.0%
7:45 AM	3	30.0	18.8	0.7	105.8	4.0	0.0%

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	13.3	0.5	46.0	2.0	0.0%
7:45 AM	5	30.0	19.6	0.8	90.0	3.5	0.0%
7:45 AM	6	30.0	20.8	0.8	100.3	4.0	0.0%
7:45 AM	7	30.0	18.0	0.7	67.8	2.5	0.0%
7:45 AM	8	30.0	9.8	0.4	44.2	1.5	0.0%
7:45 AM	9	30.0	29.6	1.0	134.6	4.1	0.0%
7:45 AM	10	30.0	24.9	0.9	110.7	3.5	0.0%
8:00 AM	1	30.0	27.6	1.0	74.1	2.5	0.0%
8:00 AM	2	30.0	22.0	0.9	90.3	3.5	0.0%
8:00 AM	3	30.0	18.8	0.7	78.3	3.0	0.0%
8:00 AM	4	30.0	23.6	0.9	75.1	3.0	0.0%
8:00 AM	5	30.0	12.5	0.5	54.8	2.0	0.0%
8:00 AM	6	30.0	10.8	0.4	52.8	2.0	0.0%
8:00 AM	7	30.0	13.0	0.5	65.1	2.5	0.0%
8:00 AM	8	30.0	20.2	0.8	91.5	3.5	0.0%
8:00 AM	9	30.0	16.6	0.7	75.0	3.0	0.0%
8:00 AM	10	30.0	32.5	1.2	131.3	4.5	0.0%
7:15 AM	Avg	31.0	15.2	0.6	69.0	2.6	0.0%
7:30 AM	Avg	30.0	15.4	0.6	68.4	2.6	0.0%
7:45 AM	Avg	30.0	19.9	0.7	87.1	3.0	0.0%
8:00 AM	Avg	30.0	19.8	0.8	78.8	3.0	0.0%

GREAT LAKES BLVD NW NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NWB T on GREAT LAKES BLVD NW - Lane ID 274838							
7:15 AM	1	31.0	25.6	1.1	78.8	3.0	0.0%
7:15 AM	2	31.0	23.4	1.1	82.8	3.0	0.0%
7:15 AM	3	31.0	20.4	0.7	89.6	3.0	0.0%
7:15 AM	4	31.0	19.4	0.8	90.5	3.5	0.0%
7:15 AM	5	31.0	16.2	0.6	109.8	3.5	0.0%
7:15 AM	6	31.0	17.2	0.8	64.1	2.5	0.0%
7:15 AM	7	31.0	19.2	0.9	60.1	2.5	0.0%
7:15 AM	8	31.0	9.9	0.5	45.8	2.0	0.0%
7:15 AM	9	31.0	11.9	0.5	73.8	3.0	0.0%
7:15 AM	10	31.0	17.9	0.8	61.4	3.0	0.0%
7:30 AM	1	30.0	18.2	0.8	81.2	3.0	0.0%
7:30 AM	2	30.0	27.0	1.1	86.7	3.0	0.0%
7:30 AM	3	30.0	19.4	0.8	87.2	3.0	0.0%
7:30 AM	4	30.0	26.9	1.0	126.4	3.5	0.0%
7:30 AM	5	30.0	13.8	0.6	52.1	2.0	0.0%
7:30 AM	6	30.0	16.3	0.7	64.1	2.5	0.0%
7:30 AM	7	30.0	19.4	0.7	96.8	3.0	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	20.5	0.9	79.5	3.0	0.0%
7:30 AM	9	30.0	21.4	0.9	80.1	3.0	0.0%
7:30 AM	10	30.0	23.0	1.0	92.4	3.5	0.0%
7:45 AM	1	30.0	15.5	0.7	63.7	2.5	0.0%
7:45 AM	2	30.0	22.9	1.0	82.9	3.5	0.0%
7:45 AM	3	30.0	16.4	0.7	60.8	2.5	0.0%
7:45 AM	4	30.0	21.1	0.9	102.8	4.1	0.0%
7:45 AM	5	30.0	19.3	0.9	65.0	2.5	0.0%
7:45 AM	6	30.0	22.1	1.0	84.2	3.5	0.0%
7:45 AM	7	30.0	18.8	0.8	64.0	2.5	0.0%
7:45 AM	8	30.0	11.2	0.6	52.7	2.0	0.0%
7:45 AM	9	30.0	17.0	0.8	73.8	3.0	0.0%
7:45 AM	10	30.0	16.1	0.8	83.0	3.5	0.0%
8:00 AM	1	30.0	19.1	0.8	65.1	2.5	0.0%
8:00 AM	2	30.0	21.7	0.9	74.2	3.0	0.0%
8:00 AM	3	30.0	27.3	1.2	89.7	3.5	0.0%
8:00 AM	4	30.0	16.2	0.8	58.0	2.5	0.0%
8:00 AM	5	30.0	24.8	1.1	100.4	4.1	0.0%
8:00 AM	6	30.0	25.0	1.1	76.5	3.0	0.0%
8:00 AM	7	30.0	18.1	0.8	61.9	2.5	0.0%
8:00 AM	8	30.0	18.6	0.9	74.7	3.0	0.0%
8:00 AM	9	30.0	33.2	1.4	108.4	4.0	0.0%
8:00 AM	10	30.0	20.8	0.9	71.5	3.0	0.0%
7:15 AM	Avg	31.0	18.1	0.8	75.7	2.9	0.0%
7:30 AM	Avg	30.0	20.6	0.9	84.7	3.0	0.0%
7:45 AM	Avg	30.0	18.0	0.8	73.3	3.0	0.0%
8:00 AM	Avg	30.0	22.5	1.0	78.0	3.1	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274839							
7:15 AM	1	31.0	75.3	2.8	192.4	7.0	0.0%
7:15 AM	2	31.0	89.1	3.5	187.5	7.0	0.0%
7:15 AM	3	31.0	69.0	2.6	201.8	8.0	0.0%
7:15 AM	4	31.0	61.7	2.4	181.0	7.0	0.0%
7:15 AM	5	31.0	59.1	2.3	232.2	8.5	0.0%
7:15 AM	6	31.0	77.6	2.8	203.8	7.0	0.0%
7:15 AM	7	31.0	77.9	3.1	185.5	7.0	0.0%
7:15 AM	8	31.0	56.4	2.2	167.0	6.5	0.0%
7:15 AM	9	31.0	50.3	2.0	157.6	6.0	0.0%
7:15 AM	10	31.0	59.8	2.3	193.8	7.0	0.0%
7:30 AM	1	30.0	69.2	2.7	180.8	6.5	0.0%
7:30 AM	2	30.0	84.8	3.3	237.5	8.5	0.0%
7:30 AM	3	30.0	62.8	2.4	204.7	7.0	0.0%
7:30 AM	4	30.0	75.5	2.9	208.8	7.5	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	46.3	1.8	130.3	5.0	0.0%
7:30 AM	6	30.0	66.0	2.5	181.5	7.0	0.0%
7:30 AM	7	30.0	68.6	2.8	161.6	6.5	0.0%
7:30 AM	8	30.0	65.2	2.4	178.8	7.0	0.0%
7:30 AM	9	30.0	75.0	2.9	192.1	7.5	0.0%
7:30 AM	10	30.0	76.9	3.0	179.8	7.0	0.0%
7:45 AM	1	30.0	67.6	2.7	170.4	6.5	0.0%
7:45 AM	2	30.0	88.0	3.4	230.2	8.5	0.0%
7:45 AM	3	30.0	65.7	2.5	170.3	6.5	0.0%
7:45 AM	4	30.0	84.9	3.3	194.2	7.0	0.0%
7:45 AM	5	30.0	75.2	2.9	171.5	6.5	0.0%
7:45 AM	6	30.0	74.3	3.0	194.5	7.6	0.0%
7:45 AM	7	30.0	67.5	2.6	190.5	6.1	0.0%
7:45 AM	8	30.0	63.1	2.6	159.2	6.0	0.0%
7:45 AM	9	30.0	82.6	2.9	190.4	7.0	0.0%
7:45 AM	10	30.0	61.4	2.4	195.5	7.0	0.0%
8:00 AM	1	30.0	64.2	2.6	163.6	6.0	0.0%
8:00 AM	2	30.0	88.6	3.5	243.9	9.1	0.0%
8:00 AM	3	30.0	81.9	3.3	213.7	8.0	0.0%
8:00 AM	4	30.0	76.0	3.0	186.5	7.0	0.0%
8:00 AM	5	30.0	86.0	3.2	233.2	8.5	0.0%
8:00 AM	6	30.0	81.7	3.2	212.8	7.0	0.0%
8:00 AM	7	30.0	78.0	2.9	228.5	8.5	0.0%
8:00 AM	8	30.0	72.6	2.7	185.2	6.5	0.0%
8:00 AM	9	30.0	89.7	3.5	209.3	8.0	0.0%
8:00 AM	10	30.0	64.0	2.5	151.0	6.0	0.0%
7:15 AM	Avg	31.0	67.6	2.6	190.3	7.1	0.0%
7:30 AM	Avg	30.0	69.0	2.7	185.6	7.0	0.0%
7:45 AM	Avg	30.0	73.0	2.8	186.7	6.9	0.0%
8:00 AM	Avg	30.0	78.3	3.0	202.8	7.5	0.0%
SEB L on GREAT LAKES BLVD NW - Lane ID 274809							
7:15 AM	1	31.0	30.8	1.2	165.8	6.0	0.0%
7:15 AM	2	31.0	28.3	1.1	189.0	7.0	0.0%
7:15 AM	3	31.0	34.2	1.3	151.2	5.5	0.0%
7:15 AM	4	31.0	37.5	1.4	189.9	7.0	0.0%
7:15 AM	5	31.0	28.6	1.1	139.1	5.0	0.0%
7:15 AM	6	31.0	25.2	1.0	138.8	5.5	0.0%
7:15 AM	7	31.0	20.0	0.8	159.1	6.0	0.0%
7:15 AM	8	31.0	26.0	1.1	126.5	5.0	0.0%
7:15 AM	9	31.0	40.4	1.5	212.1	8.0	0.0%
7:15 AM	10	31.0	42.4	1.5	161.8	6.0	0.0%
7:30 AM	1	30.0	41.6	1.6	207.6	7.6	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	47.9	1.7	211.2	7.5	0.0%
7:30 AM	3	30.0	39.5	1.5	179.7	6.0	0.0%
7:30 AM	4	30.0	47.8	1.7	189.6	6.5	0.0%
7:30 AM	5	30.0	39.4	1.5	154.6	6.0	0.0%
7:30 AM	6	30.0	42.4	1.6	200.8	7.5	0.0%
7:30 AM	7	30.0	43.3	1.5	222.3	7.1	0.0%
7:30 AM	8	30.0	39.9	1.4	223.7	7.0	0.0%
7:30 AM	9	30.0	23.5	0.9	145.4	5.6	0.0%
7:30 AM	10	30.0	33.9	1.3	166.6	6.5	0.0%
7:45 AM	1	30.0	37.4	1.4	179.3	7.0	0.0%
7:45 AM	2	30.0	33.4	1.1	236.6	7.6	0.0%
7:45 AM	3	30.0	55.8	2.0	230.2	7.1	0.0%
7:45 AM	4	30.0	22.1	0.9	177.5	7.3	0.0%
7:45 AM	5	30.0	42.3	1.6	187.1	7.0	0.0%
7:45 AM	6	30.0	38.2	1.4	181.0	6.5	0.0%
7:45 AM	7	30.0	35.1	1.4	202.8	8.1	0.0%
7:45 AM	8	30.0	37.5	1.4	183.1	6.1	0.0%
7:45 AM	9	30.0	37.9	1.5	155.1	6.0	0.0%
7:45 AM	10	30.0	44.4	1.7	160.8	6.0	0.0%
8:00 AM	1	30.0	24.3	1.0	111.4	4.0	0.0%
8:00 AM	2	30.0	24.4	0.9	166.1	6.1	0.0%
8:00 AM	3	30.0	36.5	1.4	204.3	7.5	0.0%
8:00 AM	4	30.0	47.1	1.7	228.0	8.0	0.0%
8:00 AM	5	30.0	36.0	1.5	174.0	7.1	0.0%
8:00 AM	6	30.0	34.4	1.3	195.9	7.5	0.0%
8:00 AM	7	30.0	67.3	2.3	254.3	8.5	0.0%
8:00 AM	8	30.0	44.5	1.6	193.3	7.1	0.0%
8:00 AM	9	30.0	11.7	0.5	94.1	4.0	0.0%
8:00 AM	10	30.0	28.5	1.1	162.4	6.1	0.0%
7:15 AM	Avg	31.0	31.3	1.2	163.3	6.1	0.0%
7:30 AM	Avg	30.0	39.9	1.5	190.2	6.7	0.0%
7:45 AM	Avg	30.0	38.4	1.4	189.4	6.9	0.0%
8:00 AM	Avg	30.0	35.5	1.3	178.4	6.6	0.0%

SEB T on GREAT LAKES BLVD NW - Lane ID 274810

7:15 AM	1	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	4	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	6	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	31.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	Avg	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%

SEB T on GREAT LAKES BLVD NW - Lane ID 274837

7:15 AM	1	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	4	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	31.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW

NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	9	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	Avg	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NWB L on GREAT LAKES BLVD NW - Lane ID 274826							
7:15 AM	1	31.0	15.6	0.6	99.1	3.0	0.0%
7:15 AM	2	31.0	12.6	0.5	58.1	2.5	0.0%
7:15 AM	3	31.0	9.2	0.4	79.1	3.5	0.0%
7:15 AM	4	31.0	24.7	0.9	136.5	5.0	0.0%
7:15 AM	5	31.0	12.1	0.4	85.6	2.5	0.0%
7:15 AM	6	31.0	17.0	0.6	128.4	4.0	0.0%
7:15 AM	7	31.0	9.9	0.4	63.8	2.5	0.0%
7:15 AM	8	31.0	31.3	1.2	166.2	6.5	0.0%
7:15 AM	9	31.0	8.8	0.4	64.3	2.5	0.0%
7:15 AM	10	31.0	21.0	0.9	123.0	5.0	0.0%
7:30 AM	1	30.0	11.6	0.5	73.4	3.1	0.0%
7:30 AM	2	30.0	18.0	0.8	128.2	5.0	0.0%
7:30 AM	3	30.0	10.5	0.4	76.3	3.2	0.0%
7:30 AM	4	30.0	13.4	0.5	35.0	1.5	0.0%
7:30 AM	5	30.0	3.3	0.1	15.2	1.0	0.0%
7:30 AM	6	30.0	23.6	0.8	144.8	4.1	0.0%
7:30 AM	7	30.0	33.7	1.2	164.6	6.2	0.0%
7:30 AM	8	30.0	8.9	0.4	65.5	2.6	0.0%
7:30 AM	9	30.0	7.9	0.3	36.6	1.5	0.0%
7:30 AM	10	30.0	6.3	0.3	35.5	1.5	0.0%
7:45 AM	1	30.0	14.7	0.6	56.8	2.5	0.0%
7:45 AM	2	30.0	19.9	0.7	77.9	3.0	0.0%
7:45 AM	3	30.0	6.8	0.2	37.0	1.5	0.0%
7:45 AM	4	30.0	13.7	0.5	90.5	3.5	0.0%
7:45 AM	5	30.0	15.7	0.7	122.0	5.1	0.0%
7:45 AM	6	30.0	7.4	0.3	16.6	1.0	0.0%
7:45 AM	7	30.0	15.6	0.6	79.0	3.1	0.0%
7:45 AM	8	30.0	32.7	1.2	187.6	7.0	0.0%
7:45 AM	9	30.0	11.1	0.5	89.3	3.1	0.0%
7:45 AM	10	30.0	18.2	0.7	120.4	4.5	0.0%
8:00 AM	1	30.0	20.5	0.8	136.1	5.2	0.0%
8:00 AM	2	30.0	24.5	1.0	123.3	4.5	0.0%
8:00 AM	3	30.0	30.0	1.1	159.8	6.6	0.0%
8:00 AM	4	30.0	16.9	0.7	122.8	4.5	0.0%
8:00 AM	5	30.0	10.5	0.5	64.6	2.5	0.0%
8:00 AM	6	30.0	30.6	1.1	166.8	5.5	0.0%
8:00 AM	7	30.0	14.4	0.5	91.8	2.5	0.0%
8:00 AM	8	30.0	11.9	0.5	64.7	2.5	0.0%
8:00 AM	9	30.0	8.6	0.3	34.8	1.5	0.0%
8:00 AM	10	30.0	13.3	0.6	70.6	3.1	0.0%
7:15 AM	Avg	31.0	16.2	0.6	100.4	3.7	0.0%
7:30 AM	Avg	30.0	13.7	0.5	77.5	3.0	0.0%
7:45 AM	Avg	30.0	15.6	0.6	87.7	3.4	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	30.0	18.1	0.7	103.5	3.8	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274827							
7:15 AM	1	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	4	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	6	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	9	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	Avg	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274828							
7:15 AM	1	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	4	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	6	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	9	31.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	Avg	31.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274817							
7:15 AM	1	31.0	26.3	1.1	101.2	4.0	0.0%
7:15 AM	2	31.0	40.6	1.6	148.9	5.5	0.0%
7:15 AM	3	31.0	33.3	1.4	94.6	3.5	0.0%
7:15 AM	4	31.0	33.4	1.2	136.7	4.0	0.0%
7:15 AM	5	31.0	41.4	1.7	124.6	4.5	0.0%
7:15 AM	6	31.0	32.6	1.4	114.1	4.0	0.0%
7:15 AM	7	31.0	26.1	1.1	90.6	3.0	0.0%
7:15 AM	8	31.0	39.7	1.7	116.5	4.5	0.0%
7:15 AM	9	31.0	41.4	1.7	126.5	5.0	0.0%
7:15 AM	10	31.0	24.1	1.1	93.8	4.0	0.0%
7:30 AM	1	30.0	46.5	1.8	122.2	4.5	0.0%
7:30 AM	2	30.0	52.6	2.2	141.6	5.0	0.0%
7:30 AM	3	30.0	42.0	1.8	122.1	5.0	0.0%
7:30 AM	4	30.0	47.8	1.9	98.3	4.0	0.0%
7:30 AM	5	30.0	46.2	1.9	101.7	4.0	0.0%
7:30 AM	6	30.0	61.3	2.4	140.7	5.5	0.0%
7:30 AM	7	30.0	26.0	1.2	96.3	4.0	0.0%
7:30 AM	8	30.0	36.9	1.5	117.1	4.0	0.0%
7:30 AM	9	30.0	46.1	2.0	135.3	5.5	0.0%
7:30 AM	10	30.0	36.2	1.6	116.3	5.0	0.0%
7:45 AM	1	30.0	29.4	1.2	92.4	3.5	0.0%
7:45 AM	2	30.0	42.4	1.7	140.6	5.0	0.0%
7:45 AM	3	30.0	46.6	1.9	121.4	4.5	0.0%
7:45 AM	4	30.0	46.8	1.9	129.7	5.0	0.0%
7:45 AM	5	30.0	46.7	1.9	124.2	4.5	0.0%
7:45 AM	6	30.0	35.1	1.4	102.9	3.5	0.0%
7:45 AM	7	30.0	31.3	1.3	137.8	5.5	0.0%
7:45 AM	8	30.0	53.2	2.1	148.7	6.0	0.0%
7:45 AM	9	30.0	45.7	1.9	133.4	5.0	0.0%
7:45 AM	10	30.0	43.1	1.6	103.4	4.0	0.0%
8:00 AM	1	30.0	44.3	1.8	125.8	5.0	0.0%
8:00 AM	2	30.0	26.6	1.1	91.2	3.5	0.0%
8:00 AM	3	30.0	31.8	1.3	106.6	4.0	0.0%
8:00 AM	4	30.0	39.0	1.6	97.1	4.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	5	30.0	29.5	1.3	105.0	4.0	0.0%
8:00 AM	6	30.0	41.9	1.6	115.8	4.0	0.0%
8:00 AM	7	30.0	41.1	1.7	146.3	5.5	0.0%
8:00 AM	8	30.0	28.8	1.2	89.3	3.5	0.0%
8:00 AM	9	30.0	45.6	1.9	125.6	5.0	0.0%
8:00 AM	10	30.0	43.7	1.8	106.2	4.0	0.0%
7:15 AM	Avg	31.0	33.9	1.4	114.8	4.2	0.0%
7:30 AM	Avg	30.0	44.2	1.8	119.2	4.7	0.0%
7:45 AM	Avg	30.0	42.0	1.7	123.5	4.7	0.0%
8:00 AM	Avg	30.0	37.2	1.5	110.9	4.3	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274818							
7:15 AM	1	31.0	23.8	1.0	79.2	3.5	0.0%
7:15 AM	2	31.0	43.4	1.6	130.8	4.5	0.0%
7:15 AM	3	31.0	41.8	1.7	126.6	5.0	0.0%
7:15 AM	4	31.0	45.3	1.7	136.2	4.5	0.0%
7:15 AM	5	31.0	45.4	1.8	135.2	5.0	0.0%
7:15 AM	6	31.0	37.1	1.5	132.8	4.5	0.0%
7:15 AM	7	31.0	31.1	1.3	111.9	4.0	0.0%
7:15 AM	8	31.0	37.6	1.5	112.1	4.5	0.0%
7:15 AM	9	31.0	47.2	2.0	125.4	5.0	0.0%
7:15 AM	10	31.0	26.9	1.2	92.2	4.0	0.0%
7:30 AM	1	30.0	48.9	2.0	130.5	5.0	0.0%
7:30 AM	2	30.0	53.5	2.1	130.1	5.0	0.0%
7:30 AM	3	30.0	48.8	2.1	118.1	4.5	0.0%
7:30 AM	4	30.0	50.2	2.1	123.8	4.5	0.0%
7:30 AM	5	30.0	55.3	2.3	125.2	5.0	0.0%
7:30 AM	6	30.0	56.7	2.3	132.3	5.0	0.0%
7:30 AM	7	30.0	38.5	1.6	101.1	4.0	0.0%
7:30 AM	8	30.0	50.8	2.0	138.1	5.5	0.0%
7:30 AM	9	30.0	49.9	2.1	138.1	5.5	0.0%
7:30 AM	10	30.0	45.4	1.9	130.3	5.0	0.0%
7:45 AM	1	30.0	40.9	1.7	101.0	4.0	0.0%
7:45 AM	2	30.0	47.2	1.8	146.3	5.0	0.0%
7:45 AM	3	30.0	54.9	2.0	135.5	4.0	0.0%
7:45 AM	4	30.0	48.1	2.0	132.3	5.0	0.0%
7:45 AM	5	30.0	42.7	1.8	131.9	5.0	0.0%
7:45 AM	6	30.0	28.5	1.3	92.6	4.0	0.0%
7:45 AM	7	30.0	39.7	1.6	127.0	5.0	0.0%
7:45 AM	8	30.0	66.7	2.5	193.3	7.0	0.0%
7:45 AM	9	30.0	45.5	1.8	134.7	5.0	0.0%
7:45 AM	10	30.0	41.1	1.8	104.3	4.0	0.0%
8:00 AM	1	30.0	52.2	2.1	138.9	5.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	2	30.0	28.9	1.2	111.1	4.5	0.0%
8:00 AM	3	30.0	37.7	1.5	122.5	5.0	0.0%
8:00 AM	4	30.0	53.2	2.0	159.8	5.6	0.0%
8:00 AM	5	30.0	52.5	1.8	179.8	5.0	0.0%
8:00 AM	6	30.0	49.7	1.8	121.0	4.0	0.0%
8:00 AM	7	30.0	55.0	2.1	187.0	6.6	0.0%
8:00 AM	8	30.0	46.9	1.7	129.0	5.0	0.0%
8:00 AM	9	30.0	47.6	1.8	128.6	5.1	0.0%
8:00 AM	10	30.0	49.5	2.0	141.8	5.0	0.0%
7:15 AM	Avg	31.0	38.0	1.5	118.2	4.5	0.0%
7:30 AM	Avg	30.0	49.8	2.1	126.8	4.9	0.0%
7:45 AM	Avg	30.0	45.5	1.8	129.9	4.8	0.0%
8:00 AM	Avg	30.0	47.3	1.8	142.0	5.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB R on LAKE AVE NW - Lane ID 262156							
7:15 AM	1	31.0	27.3	1.2	99.2	4.0	0.0%
7:15 AM	2	31.0	30.7	1.4	93.8	4.0	0.0%
7:15 AM	3	31.0	46.5	1.7	158.6	5.0	0.0%
7:15 AM	4	31.0	30.4	1.3	106.8	4.0	0.0%
7:15 AM	5	31.0	42.8	1.7	150.8	5.5	0.0%
7:15 AM	6	31.0	34.8	1.4	105.3	4.0	0.0%
7:15 AM	7	31.0	37.0	1.3	123.6	4.5	0.0%
7:15 AM	8	31.0	31.6	1.3	91.7	4.0	0.0%
7:15 AM	9	31.0	38.0	1.5	139.4	5.5	0.0%
7:15 AM	10	31.0	34.5	1.3	116.7	4.0	0.0%
7:30 AM	1	30.0	30.2	1.2	101.2	4.0	0.0%
7:30 AM	2	30.0	34.8	1.2	119.7	4.0	0.0%
7:30 AM	3	30.0	42.6	1.7	144.2	5.5	0.0%
7:30 AM	4	30.0	41.8	1.7	128.6	4.5	0.0%
7:30 AM	5	30.0	36.9	1.6	135.0	5.6	0.0%
7:30 AM	6	30.0	39.2	1.6	123.3	5.0	0.0%
7:30 AM	7	30.0	34.9	1.3	106.9	4.0	0.0%
7:30 AM	8	30.0	34.3	1.4	106.0	4.0	0.0%
7:30 AM	9	30.0	47.8	1.9	130.4	5.0	0.0%
7:30 AM	10	30.0	30.8	1.3	89.2	3.5	0.0%
7:45 AM	1	30.0	25.7	1.1	99.5	4.0	0.0%
7:45 AM	2	30.0	32.2	1.3	124.3	5.0	0.0%
7:45 AM	3	30.0	54.9	2.1	125.1	4.0	0.0%
7:45 AM	4	30.0	29.9	1.2	119.9	4.5	0.0%
7:45 AM	5	30.0	35.0	1.4	110.6	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	6	30.0	30.9	1.3	85.1	3.0	0.0%
7:45 AM	7	30.0	27.7	1.2	102.5	4.0	0.0%
7:45 AM	8	30.0	25.8	1.1	83.0	3.0	0.0%
7:45 AM	9	30.0	38.8	1.5	112.8	4.0	0.0%
7:45 AM	10	30.0	33.7	1.3	110.7	4.1	0.0%
8:00 AM	1	30.0	28.5	1.3	103.3	4.0	0.0%
8:00 AM	2	30.0	19.4	0.9	74.7	3.0	0.0%
8:00 AM	3	30.0	19.2	0.7	120.3	4.0	0.0%
8:00 AM	4	30.0	31.1	1.3	107.9	4.0	0.0%
8:00 AM	5	30.0	33.0	1.3	101.2	4.0	0.0%
8:00 AM	6	30.0	41.2	1.6	121.4	4.0	0.0%
8:00 AM	7	30.0	29.7	1.3	126.5	4.5	0.0%
8:00 AM	8	30.0	30.4	1.3	109.4	4.0	0.0%
8:00 AM	9	30.0	39.3	1.6	121.8	4.5	0.0%
8:00 AM	10	30.0	35.5	1.4	116.9	4.0	0.0%
7:15 AM	Avg	31.0	35.4	1.4	118.6	4.5	0.0%
7:30 AM	Avg	30.0	37.3	1.5	118.5	4.5	0.0%
7:45 AM	Avg	30.0	33.5	1.4	107.4	4.0	0.0%
8:00 AM	Avg	30.0	30.7	1.3	110.3	4.0	0.0%

EB R on LAKE AVE NW - Lane ID 262157

7:15 AM	1	31.0	22.6	0.9	84.3	3.0	0.0%
7:15 AM	2	31.0	19.8	0.8	78.4	3.0	0.0%
7:15 AM	3	31.0	17.3	0.8	62.0	2.5	0.0%
7:15 AM	4	31.0	13.8	0.7	48.7	2.0	0.0%
7:15 AM	5	31.0	10.4	0.5	39.7	2.0	0.0%
7:15 AM	6	31.0	8.4	0.4	43.2	2.0	0.0%
7:15 AM	7	31.0	13.8	0.7	50.9	2.0	0.0%
7:15 AM	8	31.0	12.3	0.5	50.7	2.0	0.0%
7:15 AM	9	31.0	14.2	0.7	52.4	2.0	0.0%
7:15 AM	10	31.0	15.2	0.8	47.2	2.0	0.0%
7:30 AM	1	30.0	12.6	0.5	70.7	3.0	0.0%
7:30 AM	2	30.0	22.4	0.9	69.8	2.0	0.0%
7:30 AM	3	30.0	19.6	0.9	67.0	2.5	0.0%
7:30 AM	4	30.0	26.9	1.1	94.8	3.0	0.0%
7:30 AM	5	30.0	26.6	1.2	73.4	3.0	0.0%
7:30 AM	6	30.0	26.0	1.1	76.0	3.0	0.0%
7:30 AM	7	30.0	12.7	0.7	52.3	2.5	0.0%
7:30 AM	8	30.0	20.5	0.8	103.9	3.0	0.0%
7:30 AM	9	30.0	23.1	0.9	74.0	2.5	0.0%
7:30 AM	10	30.0	13.3	0.7	44.6	2.5	0.0%
7:45 AM	1	30.0	13.0	0.6	47.1	2.0	0.0%
7:45 AM	2	30.0	8.1	0.4	44.3	2.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	3	30.0	29.8	1.3	92.5	3.5	0.0%
7:45 AM	4	30.0	17.0	0.7	66.7	2.5	0.0%
7:45 AM	5	30.0	14.8	0.7	50.0	2.0	0.0%
7:45 AM	6	30.0	16.1	0.7	47.5	2.0	0.0%
7:45 AM	7	30.0	17.4	0.8	64.2	2.5	0.0%
7:45 AM	8	30.0	16.6	0.7	52.0	2.0	0.0%
7:45 AM	9	30.0	17.3	0.8	48.6	2.0	0.0%
7:45 AM	10	30.0	19.0	0.8	50.9	2.0	0.0%
8:00 AM	1	30.0	14.1	0.6	58.2	2.5	0.0%
8:00 AM	2	30.0	11.6	0.5	54.3	2.0	0.0%
8:00 AM	3	30.0	13.2	0.6	46.7	2.0	0.0%
8:00 AM	4	30.0	11.2	0.6	46.7	2.0	0.0%
8:00 AM	5	30.0	18.0	0.8	57.1	2.5	0.0%
8:00 AM	6	30.0	14.0	0.7	56.5	2.5	0.0%
8:00 AM	7	30.0	15.5	0.7	50.3	2.0	0.0%
8:00 AM	8	30.0	15.2	0.6	61.1	2.0	0.0%
8:00 AM	9	30.0	13.5	0.7	59.9	2.5	0.0%
8:00 AM	10	30.0	15.8	0.7	61.6	2.5	0.0%
7:15 AM	Avg	31.0	14.8	0.7	55.8	2.3	0.0%
7:30 AM	Avg	30.0	20.4	0.9	72.7	2.7	0.0%
7:45 AM	Avg	30.0	16.9	0.8	56.4	2.3	0.0%
8:00 AM	Avg	30.0	14.2	0.7	55.2	2.3	0.0%

NWB R on GREAT LAKES BLVD NW - Lane ID 274861

7:15 AM	1	31.0	33.7	1.3	129.9	5.0	0.0%
7:15 AM	2	31.0	44.8	1.7	167.5	6.0	0.0%
7:15 AM	3	31.0	20.8	0.8	127.8	5.0	0.0%
7:15 AM	4	31.0	42.7	1.6	200.6	7.0	0.0%
7:15 AM	5	31.0	31.8	1.2	142.2	5.0	0.0%
7:15 AM	6	31.0	47.9	1.7	211.8	7.5	0.0%
7:15 AM	7	31.0	28.9	1.1	153.7	5.5	0.0%
7:15 AM	8	31.0	45.6	1.7	198.2	7.0	0.0%
7:15 AM	9	31.0	47.8	1.8	178.1	6.0	0.0%
7:15 AM	10	31.0	26.5	1.0	149.6	5.0	0.0%
7:30 AM	1	30.0	40.5	1.4	199.1	6.0	0.0%
7:30 AM	2	30.0	38.3	1.4	153.1	5.5	0.0%
7:30 AM	3	30.0	48.3	1.6	196.6	6.0	0.0%
7:30 AM	4	30.0	30.8	1.2	162.4	6.1	0.0%
7:30 AM	5	30.0	42.8	1.7	129.4	5.0	0.0%
7:30 AM	6	30.0	36.4	1.4	156.7	5.5	0.0%
7:30 AM	7	30.0	47.1	1.8	172.2	6.0	0.0%
7:30 AM	8	30.0	34.6	1.4	134.3	5.0	0.0%
7:30 AM	9	30.0	39.7	1.5	182.4	7.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	10	30.0	39.5	1.6	162.7	6.1	0.0%
7:45 AM	1	30.0	37.6	1.5	179.7	6.5	0.0%
7:45 AM	2	30.0	59.9	2.0	193.5	6.5	0.0%
7:45 AM	3	30.0	46.7	1.7	181.9	6.1	0.0%
7:45 AM	4	30.0	59.4	2.3	178.2	7.0	0.0%
7:45 AM	5	30.0	37.4	1.4	138.1	5.5	0.0%
7:45 AM	6	30.0	42.2	1.7	177.3	7.1	0.0%
7:45 AM	7	30.0	20.2	0.8	140.2	5.0	0.0%
7:45 AM	8	30.0	47.8	1.8	209.3	7.5	0.0%
7:45 AM	9	30.0	55.0	2.0	197.7	7.5	0.0%
7:45 AM	10	30.0	40.3	1.6	230.9	8.1	0.0%
8:00 AM	1	30.0	50.1	1.9	153.2	6.0	0.0%
8:00 AM	2	30.0	56.7	2.1	218.5	7.5	0.0%
8:00 AM	3	30.0	32.5	1.3	151.8	6.0	0.0%
8:00 AM	4	30.0	36.4	1.5	141.7	5.5	0.0%
8:00 AM	5	30.0	55.9	2.0	213.5	8.0	0.0%
8:00 AM	6	30.0	46.7	1.8	168.9	6.5	0.0%
8:00 AM	7	30.0	40.4	1.6	174.2	6.6	0.0%
8:00 AM	8	30.0	56.2	2.1	184.1	6.5	0.0%
8:00 AM	9	30.0	45.5	1.8	152.5	5.5	0.0%
8:00 AM	10	30.0	41.1	1.5	146.2	5.5	0.0%
7:15 AM	Avg	31.0	37.1	1.4	165.9	5.9	0.0%
7:30 AM	Avg	30.0	39.8	1.5	164.9	5.8	0.0%
7:45 AM	Avg	30.0	44.7	1.7	182.7	6.7	0.0%
8:00 AM	Avg	30.0	46.2	1.8	170.5	6.4	0.0%

NWB T on GREAT LAKES BLVD NW - Lane ID 274859

7:15 AM	1	31.0	4.6	0.3	21.8	1.5	0.0%
7:15 AM	2	31.0	2.5	0.1	18.4	1.0	0.0%
7:15 AM	3	31.0	4.3	0.2	18.3	1.0	0.0%
7:15 AM	4	31.0	5.9	0.3	26.4	1.0	0.0%
7:15 AM	5	31.0	3.9	0.2	28.5	1.5	0.0%
7:15 AM	6	31.0	2.2	0.1	18.5	1.0	0.0%
7:15 AM	7	31.0	4.3	0.2	20.2	1.0	0.0%
7:15 AM	8	31.0	8.8	0.4	40.3	2.0	0.0%
7:15 AM	9	31.0	2.8	0.2	11.6	1.0	0.0%
7:15 AM	10	31.0	5.1	0.2	30.9	1.0	0.0%
7:30 AM	1	30.0	3.8	0.2	34.0	1.5	0.0%
7:30 AM	2	30.0	9.2	0.4	54.4	2.5	0.0%
7:30 AM	3	30.0	8.6	0.4	44.5	2.0	0.0%
7:30 AM	4	30.0	6.4	0.3	44.5	2.0	0.0%
7:30 AM	5	30.0	5.4	0.3	29.5	1.5	0.0%
7:30 AM	6	30.0	8.8	0.4	43.7	2.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	7	30.0	3.5	0.2	16.9	1.0	0.0%
7:30 AM	8	30.0	4.5	0.3	27.2	1.5	0.0%
7:30 AM	9	30.0	6.9	0.3	48.3	2.0	0.0%
7:30 AM	10	30.0	5.9	0.3	17.0	1.0	0.0%
7:45 AM	1	30.0	6.1	0.2	48.4	2.0	0.0%
7:45 AM	2	30.0	6.7	0.3	33.7	1.5	0.0%
7:45 AM	3	30.0	6.4	0.3	36.5	1.5	0.0%
7:45 AM	4	30.0	7.7	0.4	39.7	2.0	0.0%
7:45 AM	5	30.0	3.9	0.2	17.5	1.0	0.0%
7:45 AM	6	30.0	4.9	0.3	16.8	1.0	0.0%
7:45 AM	7	30.0	6.0	0.3	41.1	2.0	0.0%
7:45 AM	8	30.0	5.0	0.2	35.5	1.5	0.0%
7:45 AM	9	30.0	6.3	0.3	18.0	1.0	0.0%
7:45 AM	10	30.0	9.2	0.4	46.7	2.0	0.0%
8:00 AM	1	30.0	5.4	0.3	42.3	2.0	0.0%
8:00 AM	2	30.0	9.2	0.4	52.9	2.0	0.0%
8:00 AM	3	30.0	8.6	0.4	69.4	3.1	0.0%
8:00 AM	4	30.0	5.1	0.2	28.8	1.0	0.0%
8:00 AM	5	30.0	3.0	0.2	16.8	1.0	0.0%
8:00 AM	6	30.0	9.4	0.4	49.2	2.0	0.0%
8:00 AM	7	30.0	3.4	0.2	16.9	1.0	0.0%
8:00 AM	8	30.0	1.8	0.1	9.0	0.5	0.0%
8:00 AM	9	30.0	7.4	0.3	47.8	2.0	0.0%
8:00 AM	10	30.0	4.4	0.2	28.1	1.0	0.0%
7:15 AM	Avg	31.0	4.4	0.2	23.5	1.2	0.0%
7:30 AM	Avg	30.0	6.3	0.3	36.0	1.7	0.0%
7:45 AM	Avg	30.0	6.2	0.3	33.4	1.6	0.0%
8:00 AM	Avg	30.0	5.8	0.3	36.1	1.6	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274860							
7:15 AM	1	31.0	2.9	0.1	22.2	1.0	0.0%
7:15 AM	2	31.0	2.9	0.2	18.1	1.0	0.0%
7:15 AM	3	31.0	2.5	0.1	17.5	1.0	0.0%
7:15 AM	4	31.0	3.5	0.2	18.9	1.0	0.0%
7:15 AM	5	31.0	2.3	0.1	17.8	1.0	0.0%
7:15 AM	6	31.0	1.3	0.1	11.1	1.0	0.0%
7:15 AM	7	31.0	3.2	0.2	20.4	1.0	0.0%
7:15 AM	8	31.0	5.3	0.3	20.3	1.0	0.0%
7:15 AM	9	31.0	2.4	0.1	16.8	1.0	0.0%
7:15 AM	10	31.0	1.2	0.1	8.1	0.5	0.0%
7:30 AM	1	30.0	3.0	0.2	18.1	1.0	0.0%
7:30 AM	2	30.0	1.9	0.1	17.6	1.0	0.0%
7:30 AM	3	30.0	3.3	0.2	20.2	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	4	30.0	1.9	0.1	8.6	0.5	0.0%
7:30 AM	5	30.0	1.5	0.1	14.5	1.0	0.0%
7:30 AM	6	30.0	5.7	0.2	40.9	1.5	0.0%
7:30 AM	7	30.0	6.8	0.3	40.7	2.0	0.0%
7:30 AM	8	30.0	3.0	0.1	18.0	1.0	0.0%
7:30 AM	9	30.0	3.7	0.2	17.8	1.0	0.0%
7:30 AM	10	30.0	5.6	0.3	38.9	2.0	0.0%
7:45 AM	1	30.0	4.1	0.2	30.6	1.5	0.0%
7:45 AM	2	30.0	4.3	0.2	19.0	1.0	0.0%
7:45 AM	3	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	2.8	0.2	16.9	1.0	0.0%
7:45 AM	5	30.0	2.8	0.1	18.5	1.0	0.0%
7:45 AM	6	30.0	4.7	0.3	19.8	1.0	0.0%
7:45 AM	7	30.0	5.0	0.3	31.7	1.5	0.0%
7:45 AM	8	30.0	1.9	0.1	15.5	1.0	0.0%
7:45 AM	9	30.0	3.6	0.2	31.3	1.5	0.0%
7:45 AM	10	30.0	4.4	0.2	34.8	1.5	0.0%
8:00 AM	1	30.0	6.8	0.3	45.7	2.0	0.0%
8:00 AM	2	30.0	6.5	0.4	19.5	1.0	0.0%
8:00 AM	3	30.0	3.5	0.2	18.5	1.0	0.0%
8:00 AM	4	30.0	4.6	0.3	17.6	1.0	0.0%
8:00 AM	5	30.0	2.0	0.1	10.1	0.5	0.0%
8:00 AM	6	30.0	3.6	0.2	17.8	1.0	0.0%
8:00 AM	7	30.0	4.9	0.2	32.1	1.5	0.0%
8:00 AM	8	30.0	7.6	0.4	51.5	2.0	0.0%
8:00 AM	9	30.0	1.2	0.1	8.8	0.5	0.0%
8:00 AM	10	30.0	4.9	0.3	30.5	1.5	0.0%
7:15 AM	Avg	31.0	2.8	0.2	17.1	1.0	0.0%
7:30 AM	Avg	30.0	3.6	0.2	23.5	1.2	0.0%
7:45 AM	Avg	30.0	3.4	0.2	21.8	1.1	0.0%
8:00 AM	Avg	30.0	4.6	0.3	25.2	1.2	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 262205

7:15 AM	1	31.0	14.6	0.6	84.2	3.5	0.0%
7:15 AM	2	31.0	9.6	0.4	59.0	2.5	0.0%
7:15 AM	3	31.0	13.0	0.5	43.3	2.0	0.0%
7:15 AM	4	31.0	28.2	1.1	193.9	7.0	0.0%
7:15 AM	5	31.0	16.2	0.6	84.8	3.5	0.0%
7:15 AM	6	31.0	22.3	0.8	195.9	6.0	0.0%
7:15 AM	7	31.0	27.9	1.0	203.4	7.0	0.0%
7:15 AM	8	31.0	16.2	0.7	114.8	4.5	0.0%
7:15 AM	9	31.0	20.2	0.8	113.5	4.5	0.0%
7:15 AM	10	31.0	21.9	0.9	135.6	5.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	1	30.0	15.8	0.6	132.0	5.3	0.0%
7:30 AM	2	30.0	27.8	1.1	164.7	6.0	0.0%
7:30 AM	3	30.0	27.9	1.1	215.1	8.1	0.0%
7:30 AM	4	30.0	14.3	0.6	105.3	4.0	0.0%
7:30 AM	5	30.0	16.8	0.7	106.3	4.2	0.0%
7:30 AM	6	30.0	30.4	1.0	183.7	6.5	0.0%
7:30 AM	7	30.0	29.6	1.2	206.0	7.5	0.0%
7:30 AM	8	30.0	27.7	1.1	143.5	5.5	0.0%
7:30 AM	9	30.0	21.9	0.8	174.6	6.1	0.0%
7:30 AM	10	30.0	21.7	0.9	118.1	4.5	0.0%
7:45 AM	1	30.0	19.8	0.8	160.8	6.0	0.0%
7:45 AM	2	30.0	11.3	0.5	90.1	3.6	0.0%
7:45 AM	3	30.0	16.9	0.6	118.7	4.2	0.0%
7:45 AM	4	30.0	38.3	1.4	202.9	7.5	0.0%
7:45 AM	5	30.0	17.9	0.7	86.4	3.5	0.0%
7:45 AM	6	30.0	15.6	0.6	119.3	5.1	0.0%
7:45 AM	7	30.0	24.5	1.0	149.4	5.5	0.0%
7:45 AM	8	30.0	21.2	0.8	166.8	5.5	0.0%
7:45 AM	9	30.0	24.2	1.0	178.7	6.5	0.0%
7:45 AM	10	30.0	12.6	0.5	64.0	2.6	0.0%
8:00 AM	1	30.0	44.3	1.7	191.0	7.0	0.0%
8:00 AM	2	30.0	36.7	1.5	175.9	6.6	0.0%
8:00 AM	3	30.0	30.4	1.2	203.4	7.1	0.0%
8:00 AM	4	30.0	23.6	0.9	140.2	5.5	0.0%
8:00 AM	5	30.0	3.7	0.2	9.3	0.5	0.0%
8:00 AM	6	30.0	52.7	1.9	227.8	8.0	0.0%
8:00 AM	7	30.0	32.8	1.1	203.4	6.5	0.0%
8:00 AM	8	30.0	22.9	0.9	143.2	5.5	0.0%
8:00 AM	9	30.0	24.1	0.9	171.3	7.0	0.0%
8:00 AM	10	30.0	22.2	0.9	109.4	4.5	0.0%
7:15 AM	Avg	31.0	19.0	0.7	122.8	4.6	0.0%
7:30 AM	Avg	30.0	23.4	0.9	154.9	5.8	0.0%
7:45 AM	Avg	30.0	20.2	0.8	133.7	5.0	0.0%
8:00 AM	Avg	30.0	29.3	1.1	157.5	5.8	0.0%

SB TR on GREAT LAKES BLVD NW - Lane ID 262206

7:15 AM	1	31.0	17.0	0.7	122.9	5.0	0.0%
7:15 AM	2	31.0	6.0	0.3	19.4	1.0	0.0%
7:15 AM	3	31.0	10.1	0.4	73.3	3.0	0.0%
7:15 AM	4	31.0	26.0	0.9	149.9	5.5	0.0%
7:15 AM	5	31.0	6.7	0.4	37.3	2.0	0.0%
7:15 AM	6	31.0	14.3	0.6	102.5	4.0	0.0%
7:15 AM	7	31.0	19.7	0.8	126.5	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	8	31.0	17.0	0.6	123.0	4.5	0.0%
7:15 AM	9	31.0	20.4	0.9	114.1	4.5	0.0%
7:15 AM	10	31.0	12.7	0.4	61.1	2.0	0.0%
7:30 AM	1	30.0	8.2	0.3	65.8	2.6	0.0%
7:30 AM	2	30.0	23.7	0.9	135.2	5.6	0.0%
7:30 AM	3	30.0	17.8	0.7	133.8	5.1	0.0%
7:30 AM	4	30.0	14.3	0.6	94.5	3.7	0.0%
7:30 AM	5	30.0	10.4	0.4	87.7	3.6	0.0%
7:30 AM	6	30.0	26.5	1.0	132.8	5.0	0.0%
7:30 AM	7	30.0	14.4	0.6	86.3	3.5	0.0%
7:30 AM	8	30.0	21.5	0.9	127.5	5.0	0.0%
7:30 AM	9	30.0	14.6	0.6	118.0	4.5	0.0%
7:30 AM	10	30.0	20.8	0.9	123.0	5.0	0.0%
7:45 AM	1	30.0	16.0	0.6	104.3	4.0	0.0%
7:45 AM	2	30.0	9.2	0.4	47.3	2.0	0.0%
7:45 AM	3	30.0	20.4	0.7	159.5	5.6	0.0%
7:45 AM	4	30.0	23.8	0.9	120.0	4.5	0.0%
7:45 AM	5	30.0	27.4	1.1	138.8	5.5	0.0%
7:45 AM	6	30.0	19.1	0.8	121.2	4.5	0.0%
7:45 AM	7	30.0	12.4	0.5	85.8	3.5	0.0%
7:45 AM	8	30.0	14.6	0.6	100.6	4.0	0.0%
7:45 AM	9	30.0	23.0	0.8	191.2	6.5	0.0%
7:45 AM	10	30.0	20.3	0.9	122.5	5.2	0.0%
8:00 AM	1	30.0	33.8	1.3	164.8	6.0	0.0%
8:00 AM	2	30.0	42.0	1.6	145.0	5.0	0.0%
8:00 AM	3	30.0	27.5	1.2	161.2	6.5	0.0%
8:00 AM	4	30.0	21.6	0.9	124.5	5.0	0.0%
8:00 AM	5	30.0	8.9	0.4	50.3	2.0	0.0%
8:00 AM	6	30.0	38.6	1.4	193.4	6.5	0.0%
8:00 AM	7	30.0	20.8	0.9	138.1	5.5	0.0%
8:00 AM	8	30.0	11.2	0.5	92.4	3.6	0.0%
8:00 AM	9	30.0	18.6	0.7	131.2	4.7	0.0%
8:00 AM	10	30.0	20.6	0.8	135.1	5.1	0.0%
7:15 AM	Avg	31.0	15.0	0.6	93.0	3.6	0.0%
7:30 AM	Avg	30.0	17.2	0.7	110.5	4.4	0.0%
7:45 AM	Avg	30.0	18.6	0.7	119.1	4.5	0.0%
8:00 AM	Avg	30.0	24.4	1.0	133.6	5.0	0.0%
WB R on LAKE AVE NW - Lane ID 262189							
7:15 AM	1	31.0	63.9	2.4	177.9	7.0	3.2%
7:15 AM	2	31.0	53.1	2.1	170.9	6.5	3.2%
7:15 AM	3	31.0	69.8	2.9	179.8	7.0	0.0%
7:15 AM	4	31.0	77.1	2.8	195.3	6.5	3.2%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	5	31.0	77.1	3.0	213.0	7.5	3.2%
7:15 AM	6	31.0	56.1	2.1	204.1	6.5	3.2%
7:15 AM	7	31.0	46.9	1.9	158.1	6.5	0.0%
7:15 AM	8	31.0	51.0	2.1	158.1	6.5	0.0%
7:15 AM	9	31.0	80.2	3.0	249.8	8.5	12.9%
7:15 AM	10	31.0	71.4	2.8	210.8	8.0	3.2%
7:30 AM	1	30.0	51.4	2.0	200.5	7.1	3.3%
7:30 AM	2	30.0	75.5	2.9	236.2	8.5	13.3%
7:30 AM	3	30.0	94.6	3.3	256.7	9.0	13.3%
7:30 AM	4	30.0	83.7	3.1	204.2	7.0	6.7%
7:30 AM	5	30.0	104.2	4.0	236.0	8.1	10.0%
7:30 AM	6	30.0	81.4	3.2	210.6	8.0	6.7%
7:30 AM	7	30.0	62.6	2.3	182.7	6.5	3.3%
7:30 AM	8	30.0	63.0	2.5	168.8	6.5	0.0%
7:30 AM	9	30.0	88.1	3.3	209.1	7.5	3.3%
7:30 AM	10	30.0	75.0	2.9	193.8	7.0	3.3%
7:45 AM	1	30.0	74.7	2.7	218.6	7.0	6.7%
7:45 AM	2	30.0	43.1	1.7	158.0	6.0	3.3%
7:45 AM	3	30.0	104.1	4.0	246.0	9.5	20.0%
7:45 AM	4	30.0	61.4	2.3	187.1	6.5	0.0%
7:45 AM	5	30.0	62.4	2.5	160.8	6.5	0.0%
7:45 AM	6	30.0	75.2	2.7	232.6	7.0	10.0%
7:45 AM	7	30.0	58.1	2.3	186.2	6.5	0.0%
7:45 AM	8	30.0	80.8	3.0	246.3	7.5	10.0%
7:45 AM	9	30.0	86.4	3.2	230.0	7.5	6.7%
7:45 AM	10	30.0	89.4	3.2	239.9	6.5	13.3%
8:00 AM	1	30.0	62.5	2.5	194.0	7.0	0.0%
8:00 AM	2	30.0	73.5	2.7	246.7	8.5	10.0%
8:00 AM	3	30.0	59.0	2.3	174.7	6.5	3.3%
8:00 AM	4	30.0	98.8	3.5	243.8	8.5	16.7%
8:00 AM	5	30.0	72.0	2.8	204.4	7.1	6.7%
8:00 AM	6	30.0	73.1	2.7	191.7	6.5	0.0%
8:00 AM	7	30.0	58.3	2.3	152.0	5.0	0.0%
8:00 AM	8	30.0	76.4	2.8	202.3	7.0	3.3%
8:00 AM	9	30.0	55.8	2.2	160.0	6.0	0.0%
8:00 AM	10	30.0	89.4	3.2	249.1	9.0	20.0%
7:15 AM	Avg	31.0	64.7	2.5	191.8	7.1	3.2%
7:30 AM	Avg	30.0	78.0	3.0	209.9	7.5	6.3%
7:45 AM	Avg	30.0	73.6	2.8	210.6	7.1	7.0%
8:00 AM	Avg	30.0	71.9	2.7	201.9	7.1	6.0%
WB R on LAKE AVE NW - Lane ID 262190							
7:15 AM	1	31.0	25.2	1.1	96.2	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	2	31.0	31.1	1.3	126.2	5.0	0.0%
7:15 AM	3	31.0	42.1	1.5	98.1	4.0	0.0%
7:15 AM	4	31.0	29.8	1.2	89.6	3.0	0.0%
7:15 AM	5	31.0	24.4	1.2	75.2	3.0	0.0%
7:15 AM	6	31.0	27.7	1.0	111.1	3.0	0.0%
7:15 AM	7	31.0	17.7	0.8	61.7	2.5	0.0%
7:15 AM	8	31.0	24.9	1.0	114.4	4.5	0.0%
7:15 AM	9	31.0	29.7	1.1	119.1	4.0	0.0%
7:15 AM	10	31.0	29.7	1.3	100.4	4.0	0.0%
7:30 AM	1	30.0	33.0	1.3	123.1	4.5	0.0%
7:30 AM	2	30.0	47.7	1.8	152.4	4.0	0.0%
7:30 AM	3	30.0	42.7	1.7	147.0	5.5	0.0%
7:30 AM	4	30.0	39.1	1.7	126.2	5.0	0.0%
7:30 AM	5	30.0	51.5	2.0	148.3	5.0	0.0%
7:30 AM	6	30.0	28.7	1.2	84.2	3.5	0.0%
7:30 AM	7	30.0	26.6	1.2	105.9	4.5	0.0%
7:30 AM	8	30.0	33.2	1.4	107.0	4.0	0.0%
7:30 AM	9	30.0	36.5	1.5	109.1	4.0	0.0%
7:30 AM	10	30.0	25.7	1.1	94.7	3.5	0.0%
7:45 AM	1	30.0	36.1	1.4	137.7	5.0	0.0%
7:45 AM	2	30.0	20.3	0.9	118.2	4.5	0.0%
7:45 AM	3	30.0	36.3	1.6	112.8	4.5	0.0%
7:45 AM	4	30.0	28.6	1.2	102.7	4.0	0.0%
7:45 AM	5	30.0	41.4	1.4	143.1	4.0	3.3%
7:45 AM	6	30.0	37.2	1.5	115.7	4.5	0.0%
7:45 AM	7	30.0	22.0	0.9	91.8	3.5	0.0%
7:45 AM	8	30.0	33.7	1.2	126.7	4.0	0.0%
7:45 AM	9	30.0	32.9	1.4	119.4	4.5	0.0%
7:45 AM	10	30.0	39.9	1.5	122.3	4.5	0.0%
8:00 AM	1	30.0	27.5	1.2	104.4	4.0	0.0%
8:00 AM	2	30.0	23.0	1.0	105.6	4.0	0.0%
8:00 AM	3	30.0	29.0	1.2	103.6	4.0	0.0%
8:00 AM	4	30.0	31.4	1.3	102.4	4.0	0.0%
8:00 AM	5	30.0	35.3	1.4	117.0	4.5	0.0%
8:00 AM	6	30.0	37.4	1.5	135.5	4.5	0.0%
8:00 AM	7	30.0	43.8	1.6	123.1	4.5	0.0%
8:00 AM	8	30.0	24.9	1.1	91.4	3.5	0.0%
8:00 AM	9	30.0	20.4	1.0	80.6	3.5	0.0%
8:00 AM	10	30.0	37.5	1.6	119.1	4.5	0.0%
7:15 AM	Avg	31.0	28.2	1.2	99.2	3.7	0.0%
7:30 AM	Avg	30.0	36.5	1.5	119.8	4.4	0.0%
7:45 AM	Avg	30.0	32.8	1.3	119.0	4.3	0.3%
8:00 AM	Avg	30.0	31.0	1.3	108.3	4.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	1.8	1.6	0.0	4.8	10
7:30 AM	2.5	1.7	0.6	5.7	10
7:45 AM	1.4	1.4	0.0	4.6	10
8:00 AM	1.4	1.3	0.0	3.6	10
EB T on LAKE AVE NW - Lane ID 274869					
7:15 AM	3.7	1.4	1.7	6.2	10
7:30 AM	5.1	4.1	0.0	13.9	10
7:45 AM	3.7	1.8	1.4	8.0	10
8:00 AM	5.6	2.2	1.2	8.9	10
NB T on [Unnamed Street] - Lane ID 274849					
7:15 AM	3.5	2.2	0.8	7.0	10
7:30 AM	4.2	1.8	1.9	6.9	10
7:45 AM	3.7	1.9	1.9	7.3	10
8:00 AM	4.1	1.8	1.7	8.0	10
SWB T on [Unnamed Street] - Lane ID 274845					
7:15 AM	13.6	8.6	4.4	34.0	10
7:30 AM	17.6	13.1	4.2	44.0	10
7:45 AM	15.8	9.5	7.9	33.1	10
8:00 AM	21.2	19.7	6.6	60.0	10
WB T on LAKE AVE NW - Lane ID 274847					
7:15 AM	15.2	6.6	5.3	26.6	10
7:30 AM	15.4	4.5	9.8	23.8	10
7:45 AM	19.9	7.3	9.8	31.9	10
8:00 AM	19.8	6.9	10.8	32.5	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
7:15 AM	18.1	4.7	9.9	25.6	10
7:30 AM	20.6	4.2	13.8	27.0	10
7:45 AM	18.0	3.5	11.2	22.9	10
8:00 AM	22.5	5.1	16.2	33.2	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
7:15 AM	67.6	12.1	50.3	89.1	10
7:30 AM	69.0	10.4	46.3	84.8	10
7:45 AM	73.0	9.5	61.4	88.0	10
8:00 AM	78.3	9.2	64.0	89.7	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
7:15 AM	31.3	7.2	20.0	42.4	10
7:30 AM	39.9	7.1	23.5	47.9	10
7:45 AM	38.4	8.5	22.1	55.8	10
8:00 AM	35.5	15.3	11.7	67.3	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
7:15 AM	16.2	7.4	8.8	31.3	10
7:30 AM	13.7	9.1	3.3	33.7	10
7:45 AM	15.6	7.4	6.8	32.7	10
8:00 AM	18.1	8.0	8.6	30.6	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
7:15 AM	33.9	6.7	24.1	41.4	10
7:30 AM	44.2	9.7	26.0	61.3	10
7:45 AM	42.0	7.7	29.4	53.2	10
8:00 AM	37.2	7.3	26.6	45.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
7:15 AM	38.0	8.2	23.8	47.2	10
7:30 AM	49.8	5.2	38.5	56.7	10
7:45 AM	45.5	10.1	28.5	66.7	10
8:00 AM	47.3	8.1	28.9	55.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
7:15 AM	35.4	5.9	27.3	46.5	10
7:30 AM	37.3	5.5	30.2	47.8	10
7:45 AM	33.5	8.6	25.7	54.9	10
8:00 AM	30.7	7.3	19.2	41.2	10
EB R on LAKE AVE NW - Lane ID 262157					
7:15 AM	14.8	4.2	8.4	22.6	10
7:30 AM	20.4	5.7	12.6	26.9	10
7:45 AM	16.9	5.5	8.1	29.8	10
8:00 AM	14.2	2.0	11.2	18.0	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
7:15 AM	37.1	9.9	20.8	47.9	10
7:30 AM	39.8	5.3	30.8	48.3	10
7:45 AM	44.7	12.0	20.2	59.9	10
8:00 AM	46.2	8.6	32.5	56.7	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
7:15 AM	4.4	1.9	2.2	8.8	10
7:30 AM	6.3	2.1	3.5	9.2	10
7:45 AM	6.2	1.5	3.9	9.2	10
8:00 AM	5.8	2.7	1.8	9.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:15 AM	2.8	1.2	1.2	5.3	10
7:30 AM	3.6	1.8	1.5	6.8	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:45 AM	3.4	1.4	0.6	5.0	10
8:00 AM	4.6	2.1	1.2	7.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
7:15 AM	19.0	6.2	9.6	28.2	10
7:30 AM	23.4	6.1	14.3	30.4	10
7:45 AM	20.2	7.7	11.3	38.3	10
8:00 AM	29.3	13.5	3.7	52.7	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
7:15 AM	15.0	6.3	6.0	26.0	10
7:30 AM	17.2	5.9	8.2	26.5	10
7:45 AM	18.6	5.6	9.2	27.4	10
8:00 AM	24.4	11.0	8.9	42.0	10
WB R on LAKE AVE NW - Lane ID 262189					
7:15 AM	64.7	12.2	46.9	80.2	10
7:30 AM	78.0	16.0	51.4	104.2	10
7:45 AM	73.6	17.8	43.1	104.1	10
8:00 AM	71.9	14.0	55.8	98.8	10
WB R on LAKE AVE NW - Lane ID 262190					
7:15 AM	28.2	6.3	17.7	42.1	10
7:30 AM	36.5	8.8	25.7	51.5	10
7:45 AM	32.8	7.1	20.3	41.4	10
8:00 AM	31.0	7.4	20.4	43.8	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.1	0.1	0.0	0.2	10
7:30 AM	0.1	0.1	0.0	0.3	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
EB T on LAKE AVE NW - Lane ID 274869					
7:15 AM	0.2	0.1	0.1	0.2	10
7:30 AM	0.2	0.2	0.0	0.5	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.3	0.1	0.1	0.4	10
NB T on [Unnamed Street] - Lane ID 274849					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.3	10
SWB T on [Unnamed Street] - Lane ID 274845					
7:15 AM	0.5	0.3	0.2	1.2	10
7:30 AM	0.7	0.4	0.2	1.5	10
7:45 AM	0.7	0.3	0.4	1.3	10
8:00 AM	0.9	0.7	0.3	2.3	10
WB T on LAKE AVE NW - Lane ID 274847					
7:15 AM	0.6	0.2	0.2	0.9	10
7:30 AM	0.6	0.2	0.4	1.0	10
7:45 AM	0.7	0.2	0.4	1.1	10
8:00 AM	0.8	0.3	0.4	1.2	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
7:15 AM	0.8	0.2	0.5	1.1	10
7:30 AM	0.9	0.2	0.6	1.1	10
7:45 AM	0.8	0.1	0.6	1.0	10
8:00 AM	1.0	0.2	0.8	1.4	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
7:15 AM	2.6	0.5	2.0	3.5	10
7:30 AM	2.7	0.4	1.8	3.3	10
7:45 AM	2.8	0.3	2.4	3.4	10
8:00 AM	3.0	0.4	2.5	3.5	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
7:15 AM	1.2	0.2	0.8	1.5	10
7:30 AM	1.5	0.2	0.9	1.7	10
7:45 AM	1.4	0.3	0.9	2.0	10
8:00 AM	1.3	0.5	0.5	2.3	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
7:15 AM	0.6	0.3	0.4	1.2	10
7:30 AM	0.5	0.3	0.1	1.2	10
7:45 AM	0.6	0.3	0.2	1.2	10
8:00 AM	0.7	0.3	0.3	1.1	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
7:15 AM	1.4	0.3	1.1	1.7	10
7:30 AM	1.8	0.3	1.2	2.4	10
7:45 AM	1.7	0.3	1.2	2.1	10
8:00 AM	1.5	0.3	1.1	1.9	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
7:15 AM	1.5	0.3	1.0	2.0	10
7:30 AM	2.1	0.2	1.6	2.3	10
7:45 AM	1.8	0.3	1.3	2.5	10
8:00 AM	1.8	0.3	1.2	2.1	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
7:15 AM	1.4	0.2	1.2	1.7	10
7:30 AM	1.5	0.2	1.2	1.9	10
7:45 AM	1.4	0.3	1.1	2.1	10
8:00 AM	1.3	0.3	0.7	1.6	10
EB R on LAKE AVE NW - Lane ID 262157					
7:15 AM	0.7	0.2	0.4	0.9	10
7:30 AM	0.9	0.2	0.5	1.2	10
7:45 AM	0.8	0.2	0.4	1.3	10
8:00 AM	0.7	0.1	0.5	0.8	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
7:15 AM	1.4	0.4	0.8	1.8	10
7:30 AM	1.5	0.2	1.2	1.8	10
7:45 AM	1.7	0.4	0.8	2.3	10
8:00 AM	1.8	0.3	1.3	2.1	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.2	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.1	0.1	0.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.2	0.1	0.1	0.3	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:45 AM	0.2	0.1	0.0	0.3	10
8:00 AM	0.3	0.1	0.1	0.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
7:15 AM	0.7	0.2	0.4	1.1	10
7:30 AM	0.9	0.2	0.6	1.2	10
7:45 AM	0.8	0.3	0.5	1.4	10
8:00 AM	1.1	0.5	0.2	1.9	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
7:15 AM	0.6	0.2	0.3	0.9	10
7:30 AM	0.7	0.2	0.3	1.0	10
7:45 AM	0.7	0.2	0.4	1.1	10
8:00 AM	1.0	0.4	0.4	1.6	10
WB R on LAKE AVE NW - Lane ID 262189					
7:15 AM	2.5	0.4	1.9	3.0	10
7:30 AM	3.0	0.6	2.0	4.0	10
7:45 AM	2.8	0.6	1.7	4.0	10
8:00 AM	2.7	0.4	2.2	3.5	10
WB R on LAKE AVE NW - Lane ID 262190					
7:15 AM	1.2	0.2	0.8	1.5	10
7:30 AM	1.5	0.3	1.1	2.0	10
7:45 AM	1.3	0.2	0.9	1.6	10
8:00 AM	1.3	0.2	1.0	1.6	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	10.8	10.3	0.0	25.8	10
7:30 AM	14.2	12.4	0.0	31.8	10
7:45 AM	6.8	6.6	0.0	16.1	10
8:00 AM	8.8	8.0	0.0	18.5	10
EB T on LAKE AVE NW - Lane ID 274869					
7:15 AM	22.7	7.7	16.2	42.3	10
7:30 AM	29.9	25.3	0.0	87.4	10
7:45 AM	23.2	14.6	10.9	59.9	10
8:00 AM	34.6	18.7	9.6	61.2	10
NB T on [Unnamed Street] - Lane ID 274849					
7:15 AM	19.9	11.9	4.4	40.5	10
7:30 AM	24.8	11.1	6.0	43.5	10
7:45 AM	20.9	7.3	16.0	34.5	10
8:00 AM	19.9	6.7	10.8	33.4	10
SWB T on [Unnamed Street] - Lane ID 274845					
7:15 AM	65.8	30.9	28.4	130.3	10
7:30 AM	72.5	49.2	19.1	186.3	10
7:45 AM	70.9	31.0	38.6	123.8	10
8:00 AM	79.3	44.6	34.3	181.0	10
WB T on LAKE AVE NW - Lane ID 274847					
7:15 AM	69.0	21.9	33.7	111.4	10
7:30 AM	68.4	12.4	53.9	93.1	10
7:45 AM	87.1	31.4	44.2	134.6	10
8:00 AM	78.8	22.5	52.8	131.3	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
7:15 AM	75.7	18.6	45.8	109.8	10
7:30 AM	84.7	19.7	52.1	126.4	10
7:45 AM	73.3	14.9	52.7	102.8	10
8:00 AM	78.0	16.5	58.0	108.4	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
7:15 AM	190.3	20.6	157.6	232.2	10
7:30 AM	185.6	28.7	130.3	237.5	10
7:45 AM	186.7	20.1	159.2	230.2	10
8:00 AM	202.8	30.4	151.0	243.9	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
7:15 AM	163.3	26.8	126.5	212.1	10
7:30 AM	190.2	27.8	145.4	223.7	10
7:45 AM	189.4	26.7	155.1	236.6	10
8:00 AM	178.4	48.8	94.1	254.3	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
7:15 AM	100.4	36.6	58.1	166.2	10
7:30 AM	77.5	51.6	15.2	164.6	10
7:45 AM	87.7	48.3	16.6	187.6	10
8:00 AM	103.5	44.7	34.8	166.8	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
7:15 AM	114.8	19.7	90.6	148.9	10
7:30 AM	119.2	16.7	96.3	141.6	10
7:45 AM	123.5	18.5	92.4	148.7	10
8:00 AM	110.9	17.8	89.3	146.3	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
7:15 AM	118.2	19.4	79.2	136.2	10
7:30 AM	126.8	10.9	101.1	138.1	10
7:45 AM	129.9	28.4	92.6	193.3	10
8:00 AM	142.0	25.6	111.1	187.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
7:15 AM	118.6	23.9	91.7	158.6	10
7:30 AM	118.5	17.2	89.2	144.2	10
7:45 AM	107.4	14.8	83.0	125.1	10
8:00 AM	110.3	15.2	74.7	126.5	10
EB R on LAKE AVE NW - Lane ID 262157					
7:15 AM	55.8	14.8	39.7	84.3	10
7:30 AM	72.7	17.4	44.6	103.9	10
7:45 AM	56.4	14.7	44.3	92.5	10
8:00 AM	55.2	5.6	46.7	61.6	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
7:15 AM	165.9	30.2	127.8	211.8	10
7:30 AM	164.9	23.4	129.4	199.1	10
7:45 AM	182.7	28.3	138.1	230.9	10
8:00 AM	170.5	27.4	141.7	218.5	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
7:15 AM	23.5	8.2	11.6	40.3	10
7:30 AM	36.0	13.1	16.9	54.4	10
7:45 AM	33.4	11.9	16.8	48.4	10
8:00 AM	36.1	19.2	9.0	69.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:15 AM	17.1	4.3	8.1	22.2	10
7:30 AM	23.5	11.9	8.6	40.9	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:45 AM	21.8	10.5	0.0	34.8	10
8:00 AM	25.2	14.4	8.8	51.5	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
7:15 AM	122.8	58.2	43.3	203.4	10
7:30 AM	154.9	40.0	105.3	215.1	10
7:45 AM	133.7	45.1	64.0	202.9	10
8:00 AM	157.5	62.9	9.3	227.8	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
7:15 AM	93.0	43.0	19.4	149.9	10
7:30 AM	110.5	24.7	65.8	135.2	10
7:45 AM	119.1	39.5	47.3	191.2	10
8:00 AM	133.6	39.7	50.3	193.4	10
WB R on LAKE AVE NW - Lane ID 262189					
7:15 AM	191.8	28.6	158.1	249.8	10
7:30 AM	209.9	26.6	168.8	256.7	10
7:45 AM	210.6	34.5	158.0	246.3	10
8:00 AM	201.9	35.2	152.0	249.1	10
WB R on LAKE AVE NW - Lane ID 262190					
7:15 AM	99.2	20.0	61.7	126.2	10
7:30 AM	119.8	23.7	84.2	152.4	10
7:45 AM	119.0	15.1	91.8	143.1	10
8:00 AM	108.3	15.9	80.6	135.5	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.6	0.6	0.0	1.5	10
7:30 AM	0.7	0.5	0.0	1.5	10
7:45 AM	0.5	0.4	0.0	1.0	10
8:00 AM	0.6	0.5	0.0	1.0	10
EB T on LAKE AVE NW - Lane ID 274869					
7:15 AM	1.1	0.2	1.0	1.5	10
7:30 AM	1.1	0.8	0.0	3.0	10
7:45 AM	1.0	0.4	0.5	2.0	10
8:00 AM	1.4	0.7	0.5	2.5	10
NB T on [Unnamed Street] - Lane ID 274849					
7:15 AM	1.0	0.5	0.5	2.0	10
7:30 AM	1.1	0.3	0.5	1.5	10
7:45 AM	1.0	0.0	1.0	1.0	10
8:00 AM	1.1	0.3	0.5	1.5	10
SWB T on [Unnamed Street] - Lane ID 274845					
7:15 AM	2.5	1.1	1.0	4.5	10
7:30 AM	2.6	1.5	1.0	6.1	10
7:45 AM	2.7	1.2	1.5	4.5	10
8:00 AM	3.0	1.7	1.5	7.0	10
WB T on LAKE AVE NW - Lane ID 274847					
7:15 AM	2.6	0.6	1.5	3.5	10
7:30 AM	2.6	0.5	2.0	3.5	10
7:45 AM	3.0	1.0	1.5	4.1	10
8:00 AM	3.0	0.8	2.0	4.5	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
7:15 AM	2.9	0.5	2.0	3.5	10
7:30 AM	3.0	0.4	2.0	3.5	10
7:45 AM	3.0	0.7	2.0	4.1	10
8:00 AM	3.1	0.6	2.5	4.1	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
7:15 AM	7.1	0.7	6.0	8.5	10
7:30 AM	7.0	0.9	5.0	8.5	10
7:45 AM	6.9	0.7	6.0	8.5	10
8:00 AM	7.5	1.1	6.0	9.1	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
7:15 AM	6.1	1.0	5.0	8.0	10
7:30 AM	6.7	0.7	5.6	7.6	10
7:45 AM	6.9	0.7	6.0	8.1	10
8:00 AM	6.6	1.6	4.0	8.5	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
7:15 AM	3.7	1.4	2.5	6.5	10
7:30 AM	3.0	1.7	1.0	6.2	10
7:45 AM	3.4	1.8	1.0	7.0	10
8:00 AM	3.8	1.7	1.5	6.6	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
7:15 AM	4.2	0.7	3.0	5.5	10
7:30 AM	4.7	0.6	4.0	5.5	10
7:45 AM	4.7	0.8	3.5	6.0	10
8:00 AM	4.3	0.7	3.5	5.5	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
7:15 AM	4.5	0.5	3.5	5.0	10
7:30 AM	4.9	0.5	4.0	5.5	10
7:45 AM	4.8	0.9	4.0	7.0	10
8:00 AM	5.1	0.7	4.0	6.6	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
7:15 AM	4.5	0.6	4.0	5.5	10
7:30 AM	4.5	0.7	3.5	5.6	10
7:45 AM	4.0	0.6	3.0	5.0	10
8:00 AM	4.0	0.4	3.0	4.5	10
EB R on LAKE AVE NW - Lane ID 262157					
7:15 AM	2.3	0.4	2.0	3.0	10
7:30 AM	2.7	0.3	2.0	3.0	10
7:45 AM	2.3	0.5	2.0	3.5	10
8:00 AM	2.3	0.3	2.0	2.5	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
7:15 AM	5.9	1.0	5.0	7.5	10
7:30 AM	5.8	0.6	5.0	7.0	10
7:45 AM	6.7	1.0	5.0	8.1	10
8:00 AM	6.4	0.9	5.5	8.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
7:15 AM	1.2	0.3	1.0	2.0	10
7:30 AM	1.7	0.5	1.0	2.5	10
7:45 AM	1.6	0.4	1.0	2.0	10
8:00 AM	1.6	0.8	0.5	3.1	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:15 AM	1.0	0.2	0.5	1.0	10
7:30 AM	1.2	0.5	0.5	2.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:45 AM	1.1	0.5	0.0	1.5	10
8:00 AM	1.2	0.5	0.5	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
7:15 AM	4.6	1.8	2.0	7.0	10
7:30 AM	5.8	1.4	4.0	8.1	10
7:45 AM	5.0	1.5	2.6	7.5	10
8:00 AM	5.8	2.1	0.5	8.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
7:15 AM	3.6	1.5	1.0	5.5	10
7:30 AM	4.4	1.0	2.6	5.6	10
7:45 AM	4.5	1.3	2.0	6.5	10
8:00 AM	5.0	1.4	2.0	6.5	10
WB R on LAKE AVE NW - Lane ID 262189					
7:15 AM	7.1	0.7	6.5	8.5	10
7:30 AM	7.5	0.9	6.5	9.0	10
7:45 AM	7.1	1.0	6.0	9.5	10
8:00 AM	7.1	1.2	5.0	9.0	10
WB R on LAKE AVE NW - Lane ID 262190					
7:15 AM	3.7	0.8	2.5	5.0	10
7:30 AM	4.4	0.7	3.5	5.5	10
7:45 AM	4.3	0.4	3.5	5.0	10
8:00 AM	4.1	0.4	3.5	4.5	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274869					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274849					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274845					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274847					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB R on LAKE AVE NW - Lane ID 262157					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 262189					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
WB R on LAKE AVE NW - Lane ID 262190					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 2

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NWB T on GREAT LAKES BLVD NW: Superlink ID 55109					
3:30 PM	1	212.0	0.80	14.4	B
3:30 PM	2	205.0	0.80	14.9	B
3:30 PM	3	205.0	0.70	12.2	B
3:30 PM	4	203.0	0.70	12.7	B
3:30 PM	5	207.0	0.80	13.1	B
3:30 PM	6	207.0	0.70	12.3	B
3:30 PM	7	205.0	0.80	14.5	B
3:30 PM	8	204.0	0.80	14.0	B
3:30 PM	9	203.0	0.80	14.1	B
3:30 PM	10	204.0	0.90	15.9	B
3:45 PM	1	206.0	0.90	16.2	B
3:45 PM	2	206.0	0.80	13.5	B
3:45 PM	3	210.0	0.70	12.4	B
3:45 PM	4	207.0	0.80	14.4	B
3:45 PM	5	211.0	0.90	14.9	B
3:45 PM	6	208.0	0.80	13.9	B
3:45 PM	7	212.0	0.80	12.8	B
3:45 PM	8	213.0	0.70	12.0	B
3:45 PM	9	214.0	0.90	14.9	B
3:45 PM	10	210.0	0.70	12.4	B
4:00 PM	1	209.0	0.60	11.1	B
4:00 PM	2	214.0	1.00	16.0	B
4:00 PM	3	205.0	0.60	10.2	B
4:00 PM	4	212.0	0.90	14.8	B
4:00 PM	5	205.0	0.90	15.7	B
4:00 PM	6	202.0	0.70	12.2	B
4:00 PM	7	207.0	0.80	14.0	B
4:00 PM	8	208.0	0.70	11.8	B
4:00 PM	9	201.0	0.80	13.9	B
4:00 PM	10	202.0	0.90	15.5	B
4:15 PM	1	207.0	0.80	13.3	B
4:15 PM	2	207.0	0.80	13.6	B
4:15 PM	3	210.0	0.70	12.2	B
4:15 PM	4	209.0	0.90	14.9	B
4:15 PM	5	210.0	0.80	13.0	B
4:15 PM	6	214.0	0.80	13.9	B

4:15 PM	7	210.0	0.90	14.7	B
4:15 PM	8	208.0	0.80	14.4	B
4:15 PM	9	211.0	0.70	12.4	B
4:15 PM	10	210.0	0.70	12.3	B
3:30 PM	Avg	205.5	0.78	13.8	B
3:45 PM	Avg	209.7	0.80	13.8	B
4:00 PM	Avg	206.5	0.79	13.5	B
4:15 PM	Avg	209.6	0.79	13.5	B

SEB L on GREAT LAKES BLVD NW: Superlink ID 55107

3:30 PM	1	125.0	0.80	22.7	C
3:30 PM	2	125.0	1.00	28.2	C
3:30 PM	3	126.0	1.20	33.2	C
3:30 PM	4	115.0	0.80	26.1	C
3:30 PM	5	109.0	0.90	31.4	C
3:30 PM	6	125.0	1.10	31.7	C
3:30 PM	7	115.0	0.80	24.6	C
3:30 PM	8	118.0	0.70	21.5	C
3:30 PM	9	133.0	2.40	63.8	E
3:30 PM	10	118.0	0.70	20.0	C
3:45 PM	1	121.0	0.80	23.4	C
3:45 PM	2	126.0	1.80	52.2	D
3:45 PM	3	120.0	0.90	25.9	C
3:45 PM	4	120.0	0.90	27.2	C
3:45 PM	5	137.0	1.30	33.7	C
3:45 PM	6	122.0	0.90	26.8	C
3:45 PM	7	124.0	1.10	31.3	C
3:45 PM	8	120.0	0.90	27.7	C
3:45 PM	9	115.0	1.00	32.2	C
3:45 PM	10	119.0	1.30	40.5	D
4:00 PM	1	118.0	1.00	31.9	C
4:00 PM	2	121.0	2.00	58.4	E
4:00 PM	3	121.0	0.80	25.1	C
4:00 PM	4	130.0	1.20	33.4	C
4:00 PM	5	119.0	0.90	26.1	C
4:00 PM	6	120.0	1.10	33.3	C
4:00 PM	7	131.0	2.30	63.4	E
4:00 PM	8	124.0	1.80	51.8	D
4:00 PM	9	130.0	1.60	43.6	D
4:00 PM	10	123.0	0.70	21.4	C
4:15 PM	1	112.0	0.70	23.0	C
4:15 PM	2	128.0	2.40	67.2	E
4:15 PM	3	130.0	1.20	33.5	C
4:15 PM	4	123.0	1.40	41.9	D
4:15 PM	5	106.0	1.50	51.0	D
4:15 PM	6	114.0	0.70	20.9	C
4:15 PM	7	118.0	0.90	28.4	C

4:15 PM	8	127.0	1.20	34.7	C
4:15 PM	9	116.0	0.90	28.8	C
4:15 PM	10	121.0	0.90	25.6	C
3:30 PM	Avg	120.9	1.04	30.3	C
3:45 PM	Avg	122.4	1.09	32.1	C
4:00 PM	Avg	123.7	1.34	38.8	D
4:15 PM	Avg	119.5	1.18	35.5	D

SEB T on GREAT LAKES BLVD NW: Superlink ID 55107

3:30 PM	1	181.0	0.00	0.0	A
3:30 PM	2	173.0	0.00	0.0	A
3:30 PM	3	177.0	0.00	0.1	A
3:30 PM	4	179.0	0.00	0.0	A
3:30 PM	5	179.0	0.00	0.1	A
3:30 PM	6	182.0	0.00	0.1	A
3:30 PM	7	180.0	0.00	0.0	A
3:30 PM	8	175.0	0.00	0.0	A
3:30 PM	9	184.0	0.00	0.2	A
3:30 PM	10	173.0	0.00	0.0	A
3:45 PM	1	180.0	0.00	0.0	A
3:45 PM	2	184.0	0.00	0.2	A
3:45 PM	3	181.0	0.00	0.0	A
3:45 PM	4	177.0	0.00	0.0	A
3:45 PM	5	183.0	0.00	0.1	A
3:45 PM	6	180.0	0.00	0.0	A
3:45 PM	7	177.0	0.00	0.1	A
3:45 PM	8	179.0	0.00	0.1	A
3:45 PM	9	173.0	0.00	0.1	A
3:45 PM	10	174.0	0.00	0.1	A
4:00 PM	1	182.0	0.00	0.1	A
4:00 PM	2	174.0	0.00	0.7	A
4:00 PM	3	182.0	0.00	0.0	A
4:00 PM	4	184.0	0.00	0.1	A
4:00 PM	5	177.0	0.00	0.1	A
4:00 PM	6	173.0	0.00	0.0	A
4:00 PM	7	185.0	0.00	0.6	A
4:00 PM	8	180.0	0.00	0.1	A
4:00 PM	9	178.0	0.00	0.2	A
4:00 PM	10	179.0	0.00	0.0	A
4:15 PM	1	179.0	0.00	0.0	A
4:15 PM	2	185.0	0.00	0.6	A
4:15 PM	3	176.0	0.00	0.0	A
4:15 PM	4	177.0	0.00	0.1	A
4:15 PM	5	174.0	0.00	0.5	A
4:15 PM	6	182.0	0.00	0.0	A
4:15 PM	7	177.0	0.00	0.1	A
4:15 PM	8	175.0	0.00	0.1	A

4:15 PM	9	179.0	0.00	0.0	A
4:15 PM	10	179.0	0.00	0.1	A
3:30 PM	Avg	178.3	0.00	0.1	A
3:45 PM	Avg	178.8	0.00	0.1	A
4:00 PM	Avg	179.4	0.00	0.2	A
4:15 PM	Avg	178.3	0.00	0.1	A

GREAT LAKES BLVD NW -- SIGNALIZED NODE: 3

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NWB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	1	169.0	0.60	12.3	B
3:30 PM	2	163.0	0.50	10.8	B
3:30 PM	3	168.0	0.50	10.4	B
3:30 PM	4	164.0	0.50	11.3	B
3:30 PM	5	159.0	0.50	12.2	B
3:30 PM	6	170.0	0.30	7.3	A
3:30 PM	7	160.0	0.40	10.0	A
3:30 PM	8	156.0	0.50	10.5	B
3:30 PM	9	173.0	0.60	13.0	B
3:30 PM	10	154.0	0.50	11.7	B
3:45 PM	1	170.0	0.50	11.3	B
3:45 PM	2	169.0	0.60	12.6	B
3:45 PM	3	166.0	0.60	13.5	B
3:45 PM	4	165.0	0.60	12.7	B
3:45 PM	5	184.0	0.70	12.8	B
3:45 PM	6	158.0	0.50	10.4	B
3:45 PM	7	173.0	0.60	11.8	B
3:45 PM	8	166.0	0.50	11.1	B
3:45 PM	9	160.0	0.50	11.8	B
3:45 PM	10	161.0	0.40	9.2	A
4:00 PM	1	161.0	0.50	11.6	B
4:00 PM	2	173.0	0.60	12.3	B
4:00 PM	3	165.0	0.50	11.6	B
4:00 PM	4	175.0	0.70	15.4	B
4:00 PM	5	152.0	0.50	11.4	B
4:00 PM	6	166.0	0.60	13.5	B
4:00 PM	7	174.0	0.60	13.2	B
4:00 PM	8	165.0	0.60	13.8	B
4:00 PM	9	165.0	0.50	11.9	B
4:00 PM	10	159.0	0.70	14.9	B
4:15 PM	1	163.0	0.60	14.1	B
4:15 PM	2	165.0	0.50	11.4	B
4:15 PM	3	165.0	0.40	9.0	A
4:15 PM	4	169.0	0.70	15.1	B
4:15 PM	5	167.0	0.50	11.7	B
4:15 PM	6	163.0	0.50	10.8	B

4:15 PM	7	162.0	0.50	10.1	B
4:15 PM	8	167.0	0.50	10.3	B
4:15 PM	9	159.0	0.50	11.2	B
4:15 PM	10	159.0	0.40	10.1	B
3:30 PM	Avg	163.6	0.49	11.0	B
3:45 PM	Avg	167.2	0.55	11.7	B
4:00 PM	Avg	165.5	0.58	12.9	B
4:15 PM	Avg	163.9	0.51	11.4	B

NWB T on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	139.0	0.00	0.0	A
3:30 PM	2	135.0	0.00	0.0	A
3:30 PM	3	137.0	0.00	0.0	A
3:30 PM	4	133.0	0.00	0.0	A
3:30 PM	5	139.0	0.00	0.0	A
3:30 PM	6	138.0	0.00	0.0	A
3:30 PM	7	139.0	0.00	0.0	A
3:30 PM	8	133.0	0.00	0.0	A
3:30 PM	9	139.0	0.00	0.0	A
3:30 PM	10	134.0	0.00	0.0	A
3:45 PM	1	137.0	0.00	0.0	A
3:45 PM	2	136.0	0.00	0.0	A
3:45 PM	3	141.0	0.00	0.0	A
3:45 PM	4	136.0	0.00	0.0	A
3:45 PM	5	136.0	0.00	0.0	A
3:45 PM	6	138.0	0.00	0.0	A
3:45 PM	7	135.0	0.00	0.0	A
3:45 PM	8	134.0	0.00	0.0	A
3:45 PM	9	129.0	0.00	0.0	A
3:45 PM	10	136.0	0.00	0.0	A
4:00 PM	1	132.0	0.00	0.0	A
4:00 PM	2	134.0	0.00	0.0	A
4:00 PM	3	139.0	0.00	0.0	A
4:00 PM	4	137.0	0.00	0.0	A
4:00 PM	5	135.0	0.00	0.0	A
4:00 PM	6	134.0	0.00	0.0	A
4:00 PM	7	136.0	0.00	0.0	A
4:00 PM	8	131.0	0.00	0.0	A
4:00 PM	9	137.0	0.00	0.0	A
4:00 PM	10	128.0	0.00	0.0	A
4:15 PM	1	136.0	0.00	0.0	A
4:15 PM	2	137.0	0.00	0.0	A
4:15 PM	3	131.0	0.00	0.0	A
4:15 PM	4	140.0	0.00	0.0	A
4:15 PM	5	130.0	0.00	0.0	A
4:15 PM	6	138.0	0.00	0.0	A
4:15 PM	7	133.0	0.00	0.0	A

4:15 PM	8	134.0	0.00	0.0	A
4:15 PM	9	135.0	0.00	0.0	A
4:15 PM	10	133.0	0.00	0.0	A
3:30 PM	Avg	136.6	0.00	0.0	A
3:45 PM	Avg	135.8	0.00	0.0	A
4:00 PM	Avg	134.3	0.00	0.0	A
4:15 PM	Avg	134.7	0.00	0.0	A

SEB T on GREAT LAKES BLVD NW: Superlink ID 55108

3:30 PM	1	142.0	1.50	39.2	D
3:30 PM	2	141.0	1.30	34.3	C
3:30 PM	3	136.0	1.40	38.1	D
3:30 PM	4	134.0	1.30	34.5	C
3:30 PM	5	140.0	1.40	34.9	C
3:30 PM	6	130.0	1.40	39.5	D
3:30 PM	7	136.0	1.30	35.5	D
3:30 PM	8	137.0	1.40	37.6	D
3:30 PM	9	136.0	1.20	31.1	C
3:30 PM	10	135.0	1.30	33.4	C
3:45 PM	1	134.0	1.30	35.7	D
3:45 PM	2	140.0	1.30	33.2	C
3:45 PM	3	142.0	1.30	33.0	C
3:45 PM	4	137.0	1.40	37.5	D
3:45 PM	5	138.0	1.50	38.5	D
3:45 PM	6	143.0	1.50	38.3	D
3:45 PM	7	140.0	1.30	33.6	C
3:45 PM	8	142.0	1.40	36.7	D
3:45 PM	9	141.0	1.30	32.0	C
3:45 PM	10	135.0	1.40	36.6	D
4:00 PM	1	137.0	1.20	32.5	C
4:00 PM	2	136.0	1.30	34.7	C
4:00 PM	3	134.0	1.20	32.5	C
4:00 PM	4	140.0	1.20	32.1	C
4:00 PM	5	138.0	1.40	36.6	D
4:00 PM	6	137.0	1.30	34.1	C
4:00 PM	7	134.0	1.20	32.1	C
4:00 PM	8	135.0	1.20	33.2	C
4:00 PM	9	142.0	1.10	29.2	C
4:00 PM	10	145.0	1.50	36.9	D
4:15 PM	1	136.0	1.50	40.3	D
4:15 PM	2	139.0	1.30	33.4	C
4:15 PM	3	139.0	1.30	33.9	C
4:15 PM	4	141.0	1.30	32.5	C
4:15 PM	5	135.0	1.30	35.5	D
4:15 PM	6	138.0	1.30	33.7	C
4:15 PM	7	137.0	1.40	35.6	D
4:15 PM	8	142.0	1.50	37.5	D

4:15 PM	9	130.0	1.50	40.5	D
4:15 PM	10	134.0	1.20	32.4	C
3:30 PM	Avg	136.7	1.35	35.8	D
3:45 PM	Avg	139.2	1.37	35.5	D
4:00 PM	Avg	137.8	1.26	33.4	C
4:15 PM	Avg	137.1	1.36	35.5	D

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB R on LAKE AVE NW: Superlink ID 52029					
3:30 PM	1	95.0	0.60	23.0	C
3:30 PM	2	97.0	0.50	20.3	C
3:30 PM	3	100.0	0.60	20.2	C
3:30 PM	4	95.0	0.60	21.7	C
3:30 PM	5	94.0	0.60	22.1	C
3:30 PM	6	99.0	0.50	19.3	B
3:30 PM	7	97.0	0.60	23.4	C
3:30 PM	8	98.0	0.60	23.0	C
3:30 PM	9	100.0	0.60	21.6	C
3:30 PM	10	97.0	0.50	20.4	C
3:45 PM	1	99.0	0.60	21.9	C
3:45 PM	2	95.0	0.50	18.7	B
3:45 PM	3	95.0	0.60	22.3	C
3:45 PM	4	97.0	0.60	20.9	C
3:45 PM	5	102.0	0.60	22.4	C
3:45 PM	6	99.0	0.60	20.5	C
3:45 PM	7	100.0	0.70	24.3	C
3:45 PM	8	96.0	0.50	18.6	B
3:45 PM	9	97.0	0.60	23.3	C
3:45 PM	10	95.0	0.50	20.4	C
4:00 PM	1	95.0	0.60	23.0	C
4:00 PM	2	101.0	0.60	21.5	C
4:00 PM	3	101.0	0.60	22.7	C
4:00 PM	4	102.0	0.60	20.3	C
4:00 PM	5	94.0	0.60	23.3	C
4:00 PM	6	96.0	0.60	22.8	C
4:00 PM	7	97.0	0.60	20.7	C
4:00 PM	8	97.0	0.60	23.7	C
4:00 PM	9	99.0	0.60	22.2	C
4:00 PM	10	97.0	0.60	22.8	C
4:15 PM	1	97.0	0.60	22.0	C
4:15 PM	2	94.0	0.60	22.0	C
4:15 PM	3	96.0	0.50	20.5	C
4:15 PM	4	93.0	0.50	20.7	C
4:15 PM	5	96.0	0.60	24.0	C
4:15 PM	6	97.0	0.70	25.0	C

4:15 PM	7	97.0	0.60	21.4	C
4:15 PM	8	98.0	0.60	21.4	C
4:15 PM	9	95.0	0.60	22.8	C
4:15 PM	10	101.0	0.60	21.5	C
3:30 PM	Avg	97.2	0.57	21.5	C
3:45 PM	Avg	97.5	0.58	21.3	C
4:00 PM	Avg	97.9	0.60	22.3	C
4:15 PM	Avg	96.4	0.59	22.1	C

NWB R on GREAT LAKES BLVD NW: Superlink ID 55107

3:30 PM	1	211.0	1.00	16.5	B
3:30 PM	2	211.0	1.00	17.7	B
3:30 PM	3	213.0	1.00	17.7	B
3:30 PM	4	209.0	0.80	13.8	B
3:30 PM	5	209.0	1.40	23.4	C
3:30 PM	6	213.0	1.50	25.8	C
3:30 PM	7	210.0	0.90	15.1	B
3:30 PM	8	212.0	1.00	16.7	B
3:30 PM	9	216.0	1.20	19.3	B
3:30 PM	10	212.0	1.60	27.6	C
3:45 PM	1	208.0	0.90	14.8	B
3:45 PM	2	213.0	1.40	23.9	C
3:45 PM	3	213.0	1.20	20.2	C
3:45 PM	4	210.0	1.00	18.0	B
3:45 PM	5	215.0	2.00	33.2	C
3:45 PM	6	214.0	1.40	23.0	C
3:45 PM	7	211.0	0.90	16.0	B
3:45 PM	8	209.0	0.90	15.0	B
3:45 PM	9	211.0	1.10	18.7	B
3:45 PM	10	211.0	1.00	17.3	B
4:00 PM	1	212.0	1.20	20.4	C
4:00 PM	2	211.0	1.20	20.3	C
4:00 PM	3	210.0	0.90	15.1	B
4:00 PM	4	216.0	1.70	27.6	C
4:00 PM	5	216.0	1.50	24.8	C
4:00 PM	6	209.0	1.00	16.8	B
4:00 PM	7	207.0	1.30	22.3	C
4:00 PM	8	207.0	1.40	24.3	C
4:00 PM	9	214.0	1.80	29.5	C
4:00 PM	10	213.0	1.10	18.2	B
4:15 PM	1	208.0	1.30	22.5	C
4:15 PM	2	215.0	1.20	20.8	C
4:15 PM	3	209.0	0.80	14.4	B
4:15 PM	4	208.0	1.00	17.6	B
4:15 PM	5	205.0	0.90	15.0	B
4:15 PM	6	210.0	0.90	14.7	B
4:15 PM	7	219.0	2.70	44.7	D

4:15 PM	8	214.0	1.50	25.1	C
4:15 PM	9	207.0	1.10	19.2	B
4:15 PM	10	211.0	1.20	20.2	C
3:30 PM	Avg	211.6	1.14	19.4	B
3:45 PM	Avg	211.5	1.18	20.0	B
4:00 PM	Avg	211.5	1.31	21.9	C
4:15 PM	Avg	210.6	1.26	21.4	C

NWB T on GREAT LAKES BLVD NW: Superlink ID 55107

3:30 PM	1	124.0	0.30	8.2	A
3:30 PM	2	116.0	0.30	9.8	A
3:30 PM	3	122.0	0.30	7.6	A
3:30 PM	4	114.0	0.30	9.5	A
3:30 PM	5	111.0	0.30	8.7	A
3:30 PM	6	121.0	0.20	7.2	A
3:30 PM	7	114.0	0.20	6.0	A
3:30 PM	8	114.0	0.20	7.5	A
3:30 PM	9	122.0	0.30	8.5	A
3:30 PM	10	111.0	0.30	8.1	A
3:45 PM	1	116.0	0.30	8.0	A
3:45 PM	2	116.0	0.20	7.7	A
3:45 PM	3	112.0	0.30	8.5	A
3:45 PM	4	116.0	0.20	7.4	A
3:45 PM	5	128.0	0.30	9.8	A
3:45 PM	6	119.0	0.30	9.2	A
3:45 PM	7	118.0	0.20	7.3	A
3:45 PM	8	122.0	0.30	8.2	A
3:45 PM	9	113.0	0.20	7.9	A
3:45 PM	10	119.0	0.30	8.1	A
4:00 PM	1	114.0	0.30	7.9	A
4:00 PM	2	125.0	0.30	7.8	A
4:00 PM	3	121.0	0.30	8.8	A
4:00 PM	4	123.0	0.30	8.5	A
4:00 PM	5	111.0	0.20	7.5	A
4:00 PM	6	115.0	0.30	8.3	A
4:00 PM	7	124.0	0.30	9.9	A
4:00 PM	8	119.0	0.20	7.1	A
4:00 PM	9	121.0	0.30	8.0	A
4:00 PM	10	113.0	0.20	7.6	A
4:15 PM	1	111.0	0.20	7.9	A
4:15 PM	2	120.0	0.20	7.1	A
4:15 PM	3	122.0	0.30	9.9	A
4:15 PM	4	122.0	0.30	8.8	A
4:15 PM	5	114.0	0.30	7.9	A
4:15 PM	6	114.0	0.20	7.5	A
4:15 PM	7	118.0	0.30	8.8	A
4:15 PM	8	124.0	0.30	9.0	A

4:15 PM	9	117.0	0.30	9.9	A
4:15 PM	10	117.0	0.30	8.5	A
3:30 PM	Avg	116.9	0.27	8.1	A
3:45 PM	Avg	117.9	0.26	8.2	A
4:00 PM	Avg	118.6	0.27	8.1	A
4:15 PM	Avg	117.9	0.27	8.5	A

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	153.0	0.70	15.6	B
3:30 PM	2	145.0	0.70	17.6	B
3:30 PM	3	148.0	0.70	17.4	B
3:30 PM	4	145.0	0.70	16.2	B
3:30 PM	5	147.0	0.70	17.1	B
3:30 PM	6	148.0	0.70	16.8	B
3:30 PM	7	142.0	0.70	17.3	B
3:30 PM	8	142.0	0.60	15.6	B
3:30 PM	9	144.0	0.90	21.4	C
3:30 PM	10	139.0	0.60	15.8	B
3:45 PM	1	146.0	0.70	16.2	B
3:45 PM	2	152.0	0.70	17.5	B
3:45 PM	3	151.0	0.80	18.2	B
3:45 PM	4	146.0	0.60	15.9	B
3:45 PM	5	160.0	0.70	16.6	B
3:45 PM	6	146.0	0.70	17.6	B
3:45 PM	7	160.0	0.80	16.9	B
3:45 PM	8	155.0	0.70	17.0	B
3:45 PM	9	146.0	0.70	17.0	B
3:45 PM	10	141.0	0.70	17.2	B
4:00 PM	1	149.0	0.70	17.6	B
4:00 PM	2	136.0	1.00	26.1	C
4:00 PM	3	139.0	0.70	16.9	B
4:00 PM	4	155.0	0.80	18.3	B
4:00 PM	5	137.0	0.60	16.9	B
4:00 PM	6	146.0	0.70	17.5	B
4:00 PM	7	146.0	0.90	21.4	C
4:00 PM	8	141.0	0.70	18.8	B
4:00 PM	9	146.0	0.70	18.2	B
4:00 PM	10	150.0	0.70	17.6	B
4:15 PM	1	144.0	0.70	16.8	B
4:15 PM	2	141.0	0.80	20.1	C
4:15 PM	3	156.0	0.80	18.2	B
4:15 PM	4	150.0	0.80	18.7	B
4:15 PM	5	134.0	0.70	19.6	B
4:15 PM	6	145.0	0.70	16.6	B
4:15 PM	7	148.0	0.70	15.9	B
4:15 PM	8	153.0	0.80	17.7	B
4:15 PM	9	140.0	0.60	16.2	B

4:15 PM	10	139.0	0.60	16.0	B
3:30 PM	Avg	145.3	0.70	17.1	B
3:45 PM	Avg	150.3	0.71	17.0	B
4:00 PM	Avg	144.5	0.75	18.9	B
4:15 PM	Avg	145.0	0.72	17.6	B

SB TR on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	156.0	0.60	14.7	B
3:30 PM	2	160.0	0.60	14.4	B
3:30 PM	3	155.0	0.70	16.8	B
3:30 PM	4	156.0	0.70	15.8	B
3:30 PM	5	151.0	0.70	15.9	B
3:30 PM	6	153.0	0.70	15.6	B
3:30 PM	7	151.0	0.80	18.1	B
3:30 PM	8	151.0	0.50	10.8	B
3:30 PM	9	168.0	0.60	13.6	B
3:30 PM	10	150.0	0.60	14.2	B
3:45 PM	1	158.0	0.70	15.5	B
3:45 PM	2	156.0	0.80	18.7	B
3:45 PM	3	156.0	0.70	16.2	B
3:45 PM	4	152.0	0.60	14.8	B
3:45 PM	5	162.0	0.70	14.6	B
3:45 PM	6	155.0	0.70	16.8	B
3:45 PM	7	154.0	0.70	17.5	B
3:45 PM	8	152.0	0.70	17.2	B
3:45 PM	9	151.0	0.60	13.7	B
3:45 PM	10	157.0	0.70	15.5	B
4:00 PM	1	152.0	0.80	18.0	B
4:00 PM	2	171.0	0.70	14.6	B
4:00 PM	3	162.0	0.60	13.8	B
4:00 PM	4	161.0	0.80	17.3	B
4:00 PM	5	156.0	0.60	13.1	B
4:00 PM	6	157.0	0.70	15.8	B
4:00 PM	7	165.0	0.80	18.2	B
4:00 PM	8	160.0	0.70	14.8	B
4:00 PM	9	162.0	0.70	16.2	B
4:00 PM	10	151.0	0.80	18.5	B
4:15 PM	1	154.0	0.60	13.9	B
4:15 PM	2	168.0	0.90	19.1	B
4:15 PM	3	148.0	0.70	17.4	B
4:15 PM	4	160.0	0.90	20.2	C
4:15 PM	5	162.0	0.80	17.6	B
4:15 PM	6	156.0	0.70	15.7	B
4:15 PM	7	148.0	0.70	16.4	B
4:15 PM	8	153.0	0.70	17.1	B
4:15 PM	9	152.0	0.50	11.9	B
4:15 PM	10	158.0	0.70	16.3	B

3:30 PM	Avg	155.1	0.65	15.0	B
3:45 PM	Avg	155.3	0.69	16.0	B
4:00 PM	Avg	159.7	0.72	16.0	B
4:15 PM	Avg	155.9	0.72	16.6	B

WB R on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	185.0	1.50	30.1	C
3:30 PM	2	184.0	1.50	29.1	C
3:30 PM	3	185.0	1.60	31.9	C
3:30 PM	4	183.0	1.60	30.8	C
3:30 PM	5	187.0	1.30	24.1	C
3:30 PM	6	188.0	1.60	30.6	C
3:30 PM	7	186.0	1.60	30.8	C
3:30 PM	8	179.0	1.60	32.2	C
3:30 PM	9	192.0	1.60	30.4	C
3:30 PM	10	177.0	1.30	27.0	C
3:45 PM	1	191.0	1.50	28.1	C
3:45 PM	2	188.0	1.40	27.3	C
3:45 PM	3	192.0	1.50	28.6	C
3:45 PM	4	188.0	1.60	29.9	C
3:45 PM	5	192.0	1.60	30.4	C
3:45 PM	6	176.0	1.60	32.3	C
3:45 PM	7	189.0	1.50	29.3	C
3:45 PM	8	178.0	1.50	30.2	C
3:45 PM	9	178.0	1.40	29.1	C
3:45 PM	10	180.0	1.60	32.8	C
4:00 PM	1	179.0	1.50	29.6	C
4:00 PM	2	182.0	1.50	30.5	C
4:00 PM	3	184.0	1.50	29.1	C
4:00 PM	4	188.0	1.40	27.6	C
4:00 PM	5	177.0	1.40	27.5	C
4:00 PM	6	185.0	1.50	29.6	C
4:00 PM	7	186.0	1.40	27.8	C
4:00 PM	8	175.0	1.40	29.8	C
4:00 PM	9	178.0	1.60	32.6	C
4:00 PM	10	172.0	1.60	32.5	C
4:15 PM	1	186.0	1.60	31.6	C
4:15 PM	2	184.0	1.40	27.1	C
4:15 PM	3	174.0	1.50	30.5	C
4:15 PM	4	186.0	1.60	30.8	C
4:15 PM	5	182.0	1.60	31.2	C
4:15 PM	6	186.0	1.50	29.6	C
4:15 PM	7	177.0	1.50	30.4	C
4:15 PM	8	178.0	1.50	30.7	C
4:15 PM	9	178.0	1.60	31.8	C
4:15 PM	10	177.0	1.50	30.8	C

3:30 PM	Avg	184.6	1.52	29.7	C
3:45 PM	Avg	185.2	1.52	29.8	C
4:00 PM	Avg	180.6	1.48	29.7	C
4:15 PM	Avg	180.8	1.53	30.4	C

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW: Superlink ID 55109					
3:30 PM	0.8	0.1	0.7	0.9	10
3:45 PM	0.8	0.1	0.7	0.9	10
4:00 PM	0.8	0.1	0.6	1.0	10
4:15 PM	0.8	0.1	0.7	0.9	10
SEB L on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	1.0	0.5	0.7	2.4	10
3:45 PM	1.1	0.3	0.8	1.8	10
4:00 PM	1.3	0.6	0.7	2.3	10
4:15 PM	1.2	0.5	0.7	2.4	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.5	0.1	0.3	0.6	10
3:45 PM	0.6	0.1	0.4	0.7	10
4:00 PM	0.6	0.1	0.5	0.7	10
4:15 PM	0.5	0.1	0.4	0.7	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					
3:30 PM	1.4	0.1	1.2	1.5	10
3:45 PM	1.4	0.1	1.3	1.5	10
4:00 PM	1.3	0.1	1.1	1.5	10
4:15 PM	1.4	0.1	1.2	1.5	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW: Superlink ID 52029					
3:30 PM	0.6	0.0	0.5	0.6	10
3:45 PM	0.6	0.1	0.5	0.7	10
4:00 PM	0.6	0.0	0.6	0.6	10
4:15 PM	0.6	0.1	0.5	0.7	10
NWB R on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	1.1	0.3	0.8	1.6	10
3:45 PM	1.2	0.3	0.9	2.0	10
4:00 PM	1.3	0.3	0.9	1.8	10
4:15 PM	1.3	0.5	0.8	2.7	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	0.3	0.0	0.2	0.3	10
3:45 PM	0.3	0.1	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.0	0.2	0.3	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.7	0.1	0.6	0.9	10
3:45 PM	0.7	0.1	0.6	0.8	10
4:00 PM	0.8	0.1	0.6	1.0	10
4:15 PM	0.7	0.1	0.6	0.8	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.7	0.1	0.5	0.8	10
3:45 PM	0.7	0.1	0.6	0.8	10
4:00 PM	0.7	0.1	0.6	0.8	10
4:15 PM	0.7	0.1	0.5	0.9	10
WB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	1.5	0.1	1.3	1.6	10
3:45 PM	1.5	0.1	1.4	1.6	10
4:00 PM	1.5	0.1	1.4	1.6	10
4:15 PM	1.5	0.1	1.4	1.6	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW: Superlink ID 55109					
3:30 PM	13.8	1.2	12.2	15.9	10
3:45 PM	13.8	1.4	12.0	16.2	10
4:00 PM	13.5	2.1	10.2	16.0	10
4:15 PM	13.5	1.0	12.2	14.9	10
SEB L on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	30.3	12.6	20.0	63.8	10
3:45 PM	32.1	8.6	23.4	52.2	10
4:00 PM	38.8	14.7	21.4	63.4	10
4:15 PM	35.5	14.3	20.9	67.2	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	0.1	0.1	0.0	0.2	10
3:45 PM	0.1	0.0	0.0	0.2	10
4:00 PM	0.2	0.2	0.0	0.7	10
4:15 PM	0.1	0.2	0.0	0.6	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	11.0	1.6	7.3	13.0	10
3:45 PM	11.7	1.3	9.2	13.5	10
4:00 PM	12.9	1.4	11.4	15.4	10
4:15 PM	11.4	1.9	9.0	15.1	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					
3:30 PM	35.8	2.7	31.1	39.5	10
3:45 PM	35.5	2.4	32.0	38.5	10
4:00 PM	33.4	2.3	29.2	36.9	10
4:15 PM	35.5	3.0	32.4	40.5	10

GREAT LAKES BLVD NW -- SIGNALIZED — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SEB T on GREAT LAKES BLVD NW: Superlink ID 55108					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW: Superlink ID 52029					
3:30 PM	21.5	1.4	19.3	23.4	10
3:45 PM	21.3	1.8	18.6	24.3	10
4:00 PM	22.3	1.1	20.3	23.7	10
4:15 PM	22.1	1.4	20.5	25.0	10
NWB R on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	19.4	4.7	13.8	27.6	10
3:45 PM	20.0	5.6	14.8	33.2	10
4:00 PM	21.9	4.7	15.1	29.5	10
4:15 PM	21.4	8.9	14.4	44.7	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 55107					
3:30 PM	8.1	1.1	6.0	9.8	10
3:45 PM	8.2	0.8	7.3	9.8	10
4:00 PM	8.1	0.8	7.1	9.9	10
4:15 PM	8.5	0.9	7.1	9.9	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	17.1	1.7	15.6	21.4	10
3:45 PM	17.0	0.7	15.9	18.2	10
4:00 PM	18.9	2.8	16.9	26.1	10
4:15 PM	17.6	1.5	15.9	20.1	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	15.0	2.0	10.8	18.1	10
3:45 PM	16.0	1.5	13.7	18.7	10
4:00 PM	16.0	1.9	13.1	18.5	10
4:15 PM	16.6	2.4	11.9	20.2	10
WB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	29.7	2.4	24.1	32.2	10
3:45 PM	29.8	1.7	27.3	32.8	10
4:00 PM	29.7	1.8	27.5	32.6	10
4:15 PM	30.4	1.3	27.1	31.8	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Overview

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT **NODE: 13**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	1	75.0	0.20	7.8	A
3:30 PM	2	77.0	0.20	7.1	A
3:30 PM	3	77.0	0.20	8.1	A
3:30 PM	4	76.0	0.10	7.0	A
3:30 PM	5	76.0	0.10	6.4	A
3:30 PM	6	78.0	0.20	7.7	A
3:30 PM	7	78.0	0.10	6.6	A
3:30 PM	8	76.0	0.10	6.8	A
3:30 PM	9	77.0	0.20	8.0	A
3:30 PM	10	78.0	0.20	7.0	A
3:45 PM	1	77.0	0.10	7.0	A
3:45 PM	2	78.0	0.20	8.6	A
3:45 PM	3	77.0	0.20	7.3	A
3:45 PM	4	75.0	0.20	7.2	A
3:45 PM	5	75.0	0.10	7.0	A
3:45 PM	6	76.0	0.10	6.3	A
3:45 PM	7	77.0	0.10	6.5	A
3:45 PM	8	78.0	0.20	8.0	A
3:45 PM	9	78.0	0.10	6.9	A
3:45 PM	10	75.0	0.20	7.7	A
4:00 PM	1	79.0	0.20	7.2	A
4:00 PM	2	74.0	0.20	7.9	A
4:00 PM	3	78.0	0.10	5.8	A
4:00 PM	4	78.0	0.20	7.7	A
4:00 PM	5	83.0	0.20	7.3	A
4:00 PM	6	78.0	0.20	8.0	A
4:00 PM	7	77.0	0.10	6.1	A
4:00 PM	8	79.0	0.10	6.7	A
4:00 PM	9	77.0	0.20	8.5	A
4:00 PM	10	80.0	0.20	7.4	A
4:15 PM	1	76.0	0.10	7.0	A
4:15 PM	2	80.0	0.20	7.4	A
4:15 PM	3	75.0	0.10	6.8	A
4:15 PM	4	75.0	0.10	6.8	A
4:15 PM	5	75.0	0.20	8.0	A
4:15 PM	6	77.0	0.10	6.8	A
4:15 PM	7	78.0	0.20	7.7	A
4:15 PM	8	77.0	0.20	7.5	A
4:15 PM	9	79.0	0.10	6.3	A
4:15 PM	10	75.0	0.10	7.2	A
3:30 PM	Avg	76.8	0.16	7.2	A
3:45 PM	Avg	76.6	0.15	7.3	A
4:00 PM	Avg	78.3	0.17	7.2	A

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	76.7	0.14	7.2	A
EB T on LAKE AVE NW: Lane ID 274869					
3:30 PM	1	136.0	0.30	9.1	A
3:30 PM	2	132.0	0.30	8.5	A
3:30 PM	3	134.0	0.30	8.7	A
3:30 PM	4	132.0	0.30	7.2	A
3:30 PM	5	133.0	0.30	8.1	A
3:30 PM	6	138.0	0.30	8.4	A
3:30 PM	7	132.0	0.30	7.3	A
3:30 PM	8	135.0	0.30	8.2	A
3:30 PM	9	140.0	0.40	9.1	A
3:30 PM	10	135.0	0.30	8.2	A
3:45 PM	1	132.0	0.30	8.7	A
3:45 PM	2	136.0	0.30	8.0	A
3:45 PM	3	138.0	0.30	8.7	A
3:45 PM	4	134.0	0.30	8.1	A
3:45 PM	5	138.0	0.30	8.2	A
3:45 PM	6	134.0	0.20	6.5	A
3:45 PM	7	131.0	0.30	7.1	A
3:45 PM	8	132.0	0.30	8.1	A
3:45 PM	9	131.0	0.30	7.3	A
3:45 PM	10	134.0	0.30	8.2	A
4:00 PM	1	134.0	0.30	8.3	A
4:00 PM	2	136.0	0.30	7.9	A
4:00 PM	3	130.0	0.30	7.0	A
4:00 PM	4	140.0	0.30	8.5	A
4:00 PM	5	135.0	0.30	8.6	A
4:00 PM	6	133.0	0.30	7.5	A
4:00 PM	7	131.0	0.30	7.2	A
4:00 PM	8	127.0	0.20	7.1	A
4:00 PM	9	136.0	0.40	9.8	A
4:00 PM	10	135.0	0.30	8.8	A
4:15 PM	1	133.0	0.30	7.4	A
4:15 PM	2	136.0	0.30	8.3	A
4:15 PM	3	133.0	0.30	7.1	A
4:15 PM	4	135.0	0.30	7.7	A
4:15 PM	5	131.0	0.30	8.2	A
4:15 PM	6	129.0	0.20	6.8	A
4:15 PM	7	140.0	0.30	8.6	A
4:15 PM	8	136.0	0.30	7.9	A
4:15 PM	9	128.0	0.20	6.9	A
4:15 PM	10	137.0	0.30	7.6	A

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	134.7	0.31	8.3	A
3:45 PM	Avg	134.0	0.29	7.9	A
4:00 PM	Avg	133.7	0.30	8.1	A
4:15 PM	Avg	133.8	0.28	7.7	A
NB T on [Unnamed Street]: Lane ID 274849					
3:30 PM	1	71.0	0.30	13.6	B
3:30 PM	2	75.0	0.30	16.3	C
3:30 PM	3	71.0	0.30	14.0	B
3:30 PM	4	75.0	0.30	14.8	B
3:30 PM	5	71.0	0.30	15.2	C
3:30 PM	6	69.0	0.30	17.3	C
3:30 PM	7	73.0	0.30	14.9	B
3:30 PM	8	71.0	0.30	14.6	B
3:30 PM	9	69.0	0.30	15.5	C
3:30 PM	10	73.0	0.30	15.0	B
3:45 PM	1	73.0	0.20	11.9	B
3:45 PM	2	71.0	0.30	13.7	B
3:45 PM	3	76.0	0.30	13.8	B
3:45 PM	4	71.0	0.20	10.3	B
3:45 PM	5	74.0	0.30	16.8	C
3:45 PM	6	74.0	0.40	18.0	C
3:45 PM	7	74.0	0.30	12.9	B
3:45 PM	8	71.0	0.30	15.7	C
3:45 PM	9	74.0	0.30	13.2	B
3:45 PM	10	72.0	0.30	16.3	C
4:00 PM	1	74.0	0.30	16.5	C
4:00 PM	2	72.0	0.30	17.4	C
4:00 PM	3	73.0	0.30	13.4	B
4:00 PM	4	74.0	0.30	12.4	B
4:00 PM	5	72.0	0.30	16.4	C
4:00 PM	6	72.0	0.30	16.3	C
4:00 PM	7	74.0	0.30	13.4	B
4:00 PM	8	72.0	0.30	16.9	C
4:00 PM	9	71.0	0.40	18.3	C
4:00 PM	10	71.0	0.30	15.1	C
4:15 PM	1	73.0	0.30	13.2	B
4:15 PM	2	72.0	0.30	12.7	B
4:15 PM	3	73.0	0.40	20.1	C
4:15 PM	4	72.0	0.30	13.8	B
4:15 PM	5	71.0	0.30	16.2	C
4:15 PM	6	73.0	0.20	11.9	B
4:15 PM	7	70.0	0.30	16.2	C

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	74.0	0.30	16.4	C
4:15 PM	9	73.0	0.30	15.7	C
4:15 PM	10	75.0	0.30	16.1	C
3:30 PM	Avg	71.8	0.30	15.1	C
3:45 PM	Avg	73.0	0.29	14.3	B
4:00 PM	Avg	72.5	0.31	15.6	C
4:15 PM	Avg	72.6	0.30	15.2	C
SWB T on [Unnamed Street]: Lane ID 274845					
3:30 PM	1	101.0	0.50	16.5	C
3:30 PM	2	102.0	0.70	23.8	C
3:30 PM	3	103.0	0.70	25.4	D
3:30 PM	4	101.0	0.80	27.8	D
3:30 PM	5	100.0	0.30	11.4	B
3:30 PM	6	98.0	1.00	37.0	E
3:30 PM	7	99.0	0.70	25.5	D
3:30 PM	8	92.0	1.60	63.4	F
3:30 PM	9	100.0	0.60	20.9	C
3:30 PM	10	100.0	0.50	19.1	C
3:45 PM	1	100.0	0.60	20.5	C
3:45 PM	2	101.0	0.70	23.3	C
3:45 PM	3	99.0	0.90	33.1	D
3:45 PM	4	101.0	0.60	21.3	C
3:45 PM	5	101.0	0.40	15.8	C
3:45 PM	6	98.0	1.10	40.8	E
3:45 PM	7	103.0	0.70	25.1	D
3:45 PM	8	104.0	1.10	39.1	E
3:45 PM	9	93.0	0.80	32.6	D
3:45 PM	10	102.0	0.60	19.9	C
4:00 PM	1	97.0	0.80	30.8	D
4:00 PM	2	102.0	1.10	38.2	E
4:00 PM	3	98.0	0.40	13.2	B
4:00 PM	4	96.0	0.30	12.3	B
4:00 PM	5	100.0	0.50	17.2	C
4:00 PM	6	103.0	1.30	46.1	E
4:00 PM	7	99.0	0.40	14.7	B
4:00 PM	8	103.0	1.40	49.8	E
4:00 PM	9	105.0	2.20	74.3	F
4:00 PM	10	97.0	0.80	28.8	D
4:15 PM	1	105.0	0.60	21.3	C
4:15 PM	2	97.0	0.60	24.0	C
4:15 PM	3	99.0	0.60	20.9	C
4:15 PM	4	101.0	0.60	21.8	C

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	100.0	0.80	28.9	D
4:15 PM	6	100.0	0.50	19.6	C
4:15 PM	7	99.0	0.60	23.6	C
4:15 PM	8	97.0	1.80	66.8	F
4:15 PM	9	102.0	0.70	25.9	D
4:15 PM	10	101.0	1.80	65.5	F
3:30 PM	Avg	99.6	0.74	27.1	D
3:45 PM	Avg	100.2	0.75	27.2	D
4:00 PM	Avg	100.0	0.92	32.5	D
4:15 PM	Avg	100.1	0.86	31.8	D

WB T on LAKE AVE NW: Lane ID 274847

3:30 PM	1	146.0	2.80	69.6	F
3:30 PM	2	141.0	1.40	36.5	E
3:30 PM	3	142.0	1.00	26.2	D
3:30 PM	4	138.0	2.70	71.4	F
3:30 PM	5	147.0	0.60	15.1	C
3:30 PM	6	151.0	2.60	61.7	F
3:30 PM	7	148.0	3.80	93.4	F
3:30 PM	8	142.0	1.40	35.6	E
3:30 PM	9	153.0	1.10	24.7	C
3:30 PM	10	138.0	1.00	25.4	D
3:45 PM	1	146.0	1.60	40.0	E
3:45 PM	2	143.0	1.30	31.9	D
3:45 PM	3	149.0	1.10	27.2	D
3:45 PM	4	154.0	4.80	111.7	F
3:45 PM	5	148.0	1.00	23.5	C
3:45 PM	6	133.0	3.60	96.9	F
3:45 PM	7	149.0	3.00	72.1	F
3:45 PM	8	138.0	3.60	95.1	F
3:45 PM	9	142.0	0.80	21.3	C
3:45 PM	10	134.0	3.80	102.7	F
4:00 PM	1	142.0	2.70	68.1	F
4:00 PM	2	142.0	2.60	65.8	F
4:00 PM	3	148.0	1.10	27.9	D
4:00 PM	4	147.0	3.10	76.7	F
4:00 PM	5	138.0	2.00	52.1	F
4:00 PM	6	144.0	5.90	148.5	F
4:00 PM	7	136.0	4.90	128.5	F
4:00 PM	8	129.0	6.80	190.7	F
4:00 PM	9	134.0	4.20	113.4	F
4:00 PM	10	134.0	7.50	200.2	F
4:15 PM	1	136.0	4.30	112.5	F

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	152.0	3.50	84.0	F
4:15 PM	3	132.0	2.80	75.5	F
4:15 PM	4	146.0	3.90	95.2	F
4:15 PM	5	142.0	4.50	114.0	F
4:15 PM	6	148.0	6.10	148.7	F
4:15 PM	7	144.0	5.30	131.8	F
4:15 PM	8	135.0	8.40	225.1	F
4:15 PM	9	133.0	6.80	184.8	F
4:15 PM	10	130.0	8.10	223.0	F
3:30 PM	Avg	144.6	1.84	45.9	E
3:45 PM	Avg	143.6	2.46	62.2	F
4:00 PM	Avg	139.4	4.08	107.2	F
4:15 PM	Avg	139.8	5.37	139.5	F

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Total Control Delay

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	0.2	0.1	0.1	0.2	10
3:45 PM	0.2	0.1	0.1	0.2	10
4:00 PM	0.2	0.0	0.1	0.2	10
4:15 PM	0.1	0.1	0.1	0.2	10
EB T on LAKE AVE NW: Lane ID 274869					
3:30 PM	0.3	0.0	0.3	0.4	10
3:45 PM	0.3	0.0	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.4	10
4:15 PM	0.3	0.0	0.2	0.3	10
NB T on [Unnamed Street]: Lane ID 274849					
3:30 PM	0.3	0.0	0.3	0.3	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.0	0.3	0.4	10
4:15 PM	0.3	0.0	0.2	0.4	10
SWB T on [Unnamed Street]: Lane ID 274845					
3:30 PM	0.7	0.4	0.3	1.6	10
3:45 PM	0.8	0.2	0.4	1.1	10
4:00 PM	0.9	0.6	0.3	2.2	10
4:15 PM	0.9	0.5	0.5	1.8	10
WB T on LAKE AVE NW: Lane ID 274847					
3:30 PM	1.8	1.1	0.6	3.8	10
3:45 PM	2.5	1.5	0.8	4.8	10
4:00 PM	4.1	2.1	1.1	7.5	10
4:15 PM	5.4	1.9	2.8	8.4	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Roundabout Level of Service by Lane - Avg Control Delay

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 -- ROUNDABOUT NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Lane ID 274843					
3:30 PM	7.2	0.6	6.4	8.1	10
3:45 PM	7.3	0.7	6.3	8.6	10
4:00 PM	7.2	0.9	5.8	8.5	10
4:15 PM	7.2	0.5	6.3	8.0	10
EB T on LAKE AVE NW: Lane ID 274869					
3:30 PM	8.3	0.6	7.2	9.1	10
3:45 PM	7.9	0.7	6.5	8.7	10
4:00 PM	8.1	0.9	7.0	9.8	10
4:15 PM	7.7	0.6	6.8	8.6	10
NB T on [Unnamed Street]: Lane ID 274849					
3:30 PM	15.1	1.1	13.6	17.3	10
3:45 PM	14.3	2.4	10.3	18.0	10
4:00 PM	15.6	2.0	12.4	18.3	10
4:15 PM	15.2	2.4	11.9	20.1	10
SWB T on [Unnamed Street]: Lane ID 274845					
3:30 PM	27.1	14.5	11.4	63.4	10
3:45 PM	27.2	8.6	15.8	40.8	10
4:00 PM	32.5	20.0	12.3	74.3	10
4:15 PM	31.8	18.3	19.6	66.8	10
WB T on LAKE AVE NW: Lane ID 274847					
3:30 PM	45.9	26.1	15.1	93.4	10
3:45 PM	62.2	36.9	21.3	111.7	10
4:00 PM	107.2	59.0	27.9	200.2	10
4:15 PM	139.5	54.8	75.5	225.1	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on LAKE AVE NW - Lane ID 274843							
3:30 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	2.4	0.1	17.1	1.0	0.0%
3:30 PM	3	30.0	3.8	0.2	18.0	1.0	0.0%
3:30 PM	4	30.0	2.5	0.1	17.6	1.0	0.0%
3:30 PM	5	30.0	1.2	0.1	8.4	0.5	0.0%
3:30 PM	6	30.0	7.0	0.3	29.0	1.5	0.0%
3:30 PM	7	30.0	3.0	0.1	21.7	1.0	0.0%
3:30 PM	8	30.0	1.8	0.1	16.2	1.0	0.0%
3:30 PM	9	30.0	4.6	0.2	31.1	1.0	0.0%
3:30 PM	10	30.0	4.7	0.2	18.1	1.0	0.0%
3:45 PM	1	30.0	2.4	0.1	16.6	1.0	0.0%
3:45 PM	2	30.0	3.9	0.2	19.3	1.0	0.0%
3:45 PM	3	30.0	1.1	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	4.0	0.2	20.2	1.0	0.0%
3:45 PM	5	30.0	1.2	0.1	9.4	0.5	0.0%
3:45 PM	6	30.0	2.2	0.2	16.1	1.0	0.0%
3:45 PM	7	30.0	2.7	0.1	20.7	1.0	0.0%
3:45 PM	8	30.0	1.8	0.1	8.6	0.5	0.0%
3:45 PM	9	30.0	5.9	0.3	33.1	1.5	0.0%
3:45 PM	10	30.0	3.1	0.1	16.7	1.0	0.0%
4:00 PM	1	30.0	3.2	0.2	18.5	1.0	0.0%
4:00 PM	2	30.0	5.8	0.3	38.0	2.0	0.0%
4:00 PM	3	30.0	2.2	0.1	19.2	1.0	0.0%
4:00 PM	4	30.0	2.2	0.1	16.4	1.0	0.0%
4:00 PM	5	30.0	1.8	0.1	16.3	1.0	0.0%
4:00 PM	6	30.0	6.9	0.3	43.5	2.0	0.0%
4:00 PM	7	30.0	2.4	0.1	16.6	1.0	0.0%
4:00 PM	8	30.0	4.8	0.2	26.1	1.0	0.0%
4:00 PM	9	30.0	2.7	0.1	18.7	1.0	0.0%
4:00 PM	10	30.0	5.8	0.3	23.6	1.0	0.0%
4:15 PM	1	29.0	1.9	0.1	17.2	1.0	0.0%
4:15 PM	2	29.0	6.1	0.2	54.1	2.0	0.0%
4:15 PM	3	29.0	1.4	0.1	8.3	1.0	0.0%
4:15 PM	4	29.0	2.6	0.1	18.0	1.0	0.0%
4:15 PM	5	29.0	8.9	0.3	58.3	1.6	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	3.8	0.2	21.1	1.0	0.0%
4:15 PM	7	29.0	4.6	0.2	30.0	1.6	0.0%
4:15 PM	8	29.0	6.0	0.2	31.5	1.0	0.0%
4:15 PM	9	29.0	4.5	0.2	19.4	1.0	0.0%
4:15 PM	10	29.0	3.7	0.2	21.0	1.0	0.0%
3:30 PM	Avg	30.0	3.1	0.1	17.7	0.9	0.0%
3:45 PM	Avg	30.0	2.8	0.1	16.1	0.9	0.0%
4:00 PM	Avg	30.0	3.8	0.2	23.7	1.2	0.0%
4:15 PM	Avg	29.0	4.4	0.2	27.9	1.2	0.0%
EB T on LAKE AVE NW - Lane ID 274869							
3:30 PM	1	30.0	8.1	0.4	25.7	1.0	0.0%
3:30 PM	2	30.0	15.6	0.6	52.4	2.0	0.0%
3:30 PM	3	30.0	13.9	0.6	61.3	2.0	0.0%
3:30 PM	4	30.0	10.5	0.4	63.9	2.5	0.0%
3:30 PM	5	30.0	12.9	0.5	102.1	3.0	0.0%
3:30 PM	6	30.0	11.2	0.4	44.3	1.5	0.0%
3:30 PM	7	30.0	3.8	0.1	27.1	1.0	0.0%
3:30 PM	8	30.0	7.1	0.3	37.2	1.5	0.0%
3:30 PM	9	30.0	9.4	0.4	48.2	2.0	0.0%
3:30 PM	10	30.0	13.9	0.5	59.1	2.0	0.0%
3:45 PM	1	30.0	17.7	0.7	100.9	4.0	0.0%
3:45 PM	2	30.0	8.6	0.2	54.9	1.0	0.0%
3:45 PM	3	30.0	11.8	0.5	59.1	2.0	0.0%
3:45 PM	4	30.0	14.1	0.5	66.0	2.5	0.0%
3:45 PM	5	30.0	13.3	0.5	94.3	3.5	0.0%
3:45 PM	6	30.0	1.8	0.1	14.4	0.5	0.0%
3:45 PM	7	30.0	4.5	0.2	23.7	1.0	0.0%
3:45 PM	8	30.0	6.9	0.3	45.0	1.5	0.0%
3:45 PM	9	30.0	8.1	0.3	46.0	1.5	0.0%
3:45 PM	10	30.0	16.2	0.7	92.0	3.5	0.0%
4:00 PM	1	30.0	8.5	0.3	33.4	1.0	0.0%
4:00 PM	2	30.0	10.3	0.4	45.0	1.5	0.0%
4:00 PM	3	30.0	4.0	0.2	21.0	1.0	0.0%
4:00 PM	4	30.0	6.8	0.3	41.1	1.0	0.0%
4:00 PM	5	30.0	7.1	0.3	59.1	2.0	0.0%
4:00 PM	6	30.0	8.8	0.4	48.0	2.0	0.0%
4:00 PM	7	30.0	10.5	0.5	42.2	2.0	0.0%
4:00 PM	8	30.0	7.1	0.3	26.5	1.0	0.0%
4:00 PM	9	30.0	16.6	0.7	81.8	3.1	0.0%
4:00 PM	10	30.0	8.7	0.4	51.5	2.0	0.0%
4:15 PM	1	29.0	9.1	0.4	59.1	2.0	0.0%
4:15 PM	2	29.0	4.5	0.2	17.3	1.0	0.0%

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	5.9	0.3	20.8	1.0	0.0%
4:15 PM	4	29.0	7.1	0.3	46.9	1.6	0.0%
4:15 PM	5	29.0	2.8	0.2	16.4	1.0	0.0%
4:15 PM	6	29.0	6.0	0.2	42.2	1.0	0.0%
4:15 PM	7	29.0	18.7	0.7	70.2	2.6	0.0%
4:15 PM	8	29.0	8.3	0.3	59.1	2.0	0.0%
4:15 PM	9	29.0	7.3	0.3	50.9	2.0	0.0%
4:15 PM	10	29.0	9.7	0.3	71.0	2.2	0.0%
3:30 PM	Avg	30.0	10.6	0.4	52.1	1.9	0.0%
3:45 PM	Avg	30.0	10.3	0.4	59.6	2.1	0.0%
4:00 PM	Avg	30.0	8.8	0.4	45.0	1.7	0.0%
4:15 PM	Avg	29.0	7.9	0.3	45.4	1.6	0.0%
NB T on [Unnamed Street] - Lane ID 274849							
3:30 PM	1	30.0	21.7	0.8	98.2	2.0	0.0%
3:30 PM	2	30.0	22.4	0.9	86.7	3.5	0.0%
3:30 PM	3	30.0	16.9	0.8	58.6	2.5	0.0%
3:30 PM	4	30.0	13.8	0.6	48.3	2.0	0.0%
3:30 PM	5	30.0	22.1	0.9	92.1	3.5	0.0%
3:30 PM	6	30.0	21.6	1.0	83.3	3.0	0.0%
3:30 PM	7	30.0	26.1	1.1	93.9	3.0	0.0%
3:30 PM	8	30.0	15.5	0.7	74.7	3.0	0.0%
3:30 PM	9	30.0	27.9	1.1	90.2	3.0	0.0%
3:30 PM	10	30.0	20.1	0.8	70.5	2.5	0.0%
3:45 PM	1	30.0	13.3	0.6	50.6	2.0	0.0%
3:45 PM	2	30.0	11.8	0.5	48.5	2.0	0.0%
3:45 PM	3	30.0	17.1	0.8	70.9	3.0	0.0%
3:45 PM	4	30.0	9.3	0.4	46.5	2.0	0.0%
3:45 PM	5	30.0	22.5	1.0	108.6	4.0	0.0%
3:45 PM	6	30.0	25.1	1.0	97.0	3.0	0.0%
3:45 PM	7	30.0	13.3	0.6	59.3	2.5	0.0%
3:45 PM	8	30.0	22.0	0.9	69.9	3.0	0.0%
3:45 PM	9	30.0	15.0	0.7	52.1	2.0	0.0%
3:45 PM	10	30.0	21.8	0.9	96.4	3.5	0.0%
4:00 PM	1	30.0	23.5	1.0	88.4	3.5	0.0%
4:00 PM	2	30.0	29.0	1.1	95.4	3.5	0.0%
4:00 PM	3	30.0	17.3	0.7	57.9	2.0	0.0%
4:00 PM	4	30.0	16.5	0.8	54.9	2.0	0.0%
4:00 PM	5	30.0	22.4	1.0	76.4	3.1	0.0%
4:00 PM	6	30.0	19.1	0.9	87.6	3.5	0.0%
4:00 PM	7	30.0	11.5	0.6	45.5	2.0	0.0%
4:00 PM	8	30.0	25.1	1.1	80.0	3.0	0.0%
4:00 PM	9	30.0	21.5	0.9	77.6	3.0	0.0%

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	25.1	1.1	105.1	4.5	0.0%
4:15 PM	1	29.0	18.4	0.9	53.2	2.0	0.0%
4:15 PM	2	29.0	11.8	0.6	56.4	2.0	0.0%
4:15 PM	3	29.0	18.5	0.8	96.6	3.6	0.0%
4:15 PM	4	29.0	19.8	0.9	60.5	2.6	0.0%
4:15 PM	5	29.0	18.7	0.8	82.5	3.0	0.0%
4:15 PM	6	29.0	9.0	0.4	28.1	1.0	0.0%
4:15 PM	7	29.0	21.1	0.9	80.0	3.0	0.0%
4:15 PM	8	29.0	20.8	0.8	81.5	2.6	0.0%
4:15 PM	9	29.0	17.8	0.7	101.3	3.8	0.0%
4:15 PM	10	29.0	19.5	0.8	73.3	3.0	0.0%
3:30 PM	Avg	30.0	20.8	0.9	79.7	2.8	0.0%
3:45 PM	Avg	30.0	17.1	0.7	70.0	2.7	0.0%
4:00 PM	Avg	30.0	21.1	0.9	76.9	3.0	0.0%
4:15 PM	Avg	29.0	17.5	0.8	71.3	2.7	0.0%
SWB T on [Unnamed Street] - Lane ID 274845							
3:30 PM	1	30.0	23.2	1.0	99.5	4.0	0.0%
3:30 PM	2	30.0	47.7	1.9	133.9	5.0	0.0%
3:30 PM	3	30.0	58.3	2.3	130.3	5.0	0.0%
3:30 PM	4	30.0	60.3	2.3	241.0	8.1	0.0%
3:30 PM	5	30.0	24.1	1.0	88.9	3.5	0.0%
3:30 PM	6	30.0	90.1	3.4	224.6	8.5	0.0%
3:30 PM	7	30.0	47.4	2.0	134.9	5.0	0.0%
3:30 PM	8	30.0	140.9	5.1	370.2	14.0	0.0%
3:30 PM	9	30.0	48.5	2.0	162.9	6.5	0.0%
3:30 PM	10	30.0	35.2	1.4	125.1	5.0	0.0%
3:45 PM	1	30.0	42.2	1.6	193.4	7.0	0.0%
3:45 PM	2	30.0	67.4	2.5	214.2	7.5	0.0%
3:45 PM	3	30.0	84.2	3.1	208.1	7.0	0.0%
3:45 PM	4	30.0	61.6	2.2	184.2	6.0	0.0%
3:45 PM	5	30.0	29.3	1.1	135.5	4.5	0.0%
3:45 PM	6	30.0	93.2	3.4	203.0	7.5	0.0%
3:45 PM	7	30.0	60.1	2.3	187.2	6.0	0.0%
3:45 PM	8	30.0	91.4	3.5	207.0	7.0	0.0%
3:45 PM	9	30.0	122.3	4.1	387.9	12.5	0.0%
3:45 PM	10	30.0	29.9	1.2	124.9	5.0	0.0%
4:00 PM	1	30.0	81.0	2.6	200.3	6.0	0.0%
4:00 PM	2	30.0	86.2	3.2	259.4	9.0	0.0%
4:00 PM	3	30.0	12.3	0.5	72.8	3.0	0.0%
4:00 PM	4	30.0	15.9	0.8	42.8	2.0	0.0%
4:00 PM	5	30.0	24.5	0.9	96.5	3.5	0.0%
4:00 PM	6	30.0	92.1	3.1	375.9	11.5	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	16.2	0.7	83.3	3.0	0.0%
4:00 PM	8	30.0	133.5	4.6	302.2	9.5	0.0%
4:00 PM	9	30.0	184.8	6.8	411.4	14.0	0.0%
4:00 PM	10	30.0	76.2	2.9	196.5	7.0	0.0%
4:15 PM	1	29.0	40.0	1.6	148.9	5.6	0.0%
4:15 PM	2	29.0	41.2	1.6	151.7	4.6	0.0%
4:15 PM	3	29.0	46.4	1.7	162.0	4.0	0.0%
4:15 PM	4	29.0	34.7	1.4	116.4	4.6	0.0%
4:15 PM	5	29.0	59.6	2.3	179.1	6.0	0.0%
4:15 PM	6	29.0	44.4	1.7	129.1	4.6	0.0%
4:15 PM	7	29.0	45.6	1.7	106.9	4.0	0.0%
4:15 PM	8	29.0	189.6	6.0	437.8	12.6	0.0%
4:15 PM	9	29.0	51.9	1.9	127.1	5.2	0.0%
4:15 PM	10	29.0	166.7	6.2	354.5	13.2	0.0%
3:30 PM	Avg	30.0	57.6	2.2	171.1	6.5	0.0%
3:45 PM	Avg	30.0	68.2	2.5	204.5	7.0	0.0%
4:00 PM	Avg	30.0	72.3	2.6	204.1	6.9	0.0%
4:15 PM	Avg	29.0	72.0	2.6	191.4	6.4	0.0%
WB T on LAKE AVE NW - Lane ID 274847							
3:30 PM	1	30.0	249.4	8.4	440.2	15.5	0.0%
3:30 PM	2	30.0	150.5	5.2	292.3	10.0	0.0%
3:30 PM	3	30.0	81.8	2.9	269.6	8.1	0.0%
3:30 PM	4	30.0	268.6	9.4	596.7	20.0	0.0%
3:30 PM	5	30.0	40.1	1.5	127.0	4.5	0.0%
3:30 PM	6	30.0	191.9	7.1	410.1	14.5	0.0%
3:30 PM	7	30.0	223.6	7.7	567.4	20.0	0.0%
3:30 PM	8	30.0	123.2	4.2	282.0	10.0	0.0%
3:30 PM	9	30.0	47.5	1.8	154.1	5.5	0.0%
3:30 PM	10	30.0	112.6	3.9	378.9	13.0	0.0%
3:45 PM	1	30.0	109.5	3.8	322.5	11.0	0.0%
3:45 PM	2	30.0	105.4	3.4	392.0	10.6	0.0%
3:45 PM	3	30.0	73.8	2.6	186.4	6.0	0.0%
3:45 PM	4	30.0	385.8	13.2	701.4	23.5	0.0%
3:45 PM	5	30.0	65.5	2.5	182.9	7.0	0.0%
3:45 PM	6	30.0	306.8	10.4	692.9	23.5	0.0%
3:45 PM	7	30.0	210.0	7.2	417.8	13.5	0.0%
3:45 PM	8	30.0	334.0	10.9	703.4	22.5	0.0%
3:45 PM	9	30.0	60.8	2.2	229.5	8.0	0.0%
3:45 PM	10	30.0	311.2	10.0	794.6	24.5	0.0%
4:00 PM	1	30.0	244.5	8.3	520.6	18.0	0.0%
4:00 PM	2	30.0	244.6	8.3	496.9	17.5	0.0%
4:00 PM	3	30.0	103.4	3.8	246.1	8.5	0.0%

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 NODE: 13

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	238.8	7.3	517.2	15.5	0.0%
4:00 PM	5	30.0	203.4	6.8	440.6	14.1	0.0%
4:00 PM	6	30.0	509.4	16.5	915.0	29.0	0.0%
4:00 PM	7	30.0	485.1	15.6	825.9	27.6	0.0%
4:00 PM	8	30.0	645.9	21.5	1,117.9	38.0	30.0%
4:00 PM	9	30.0	377.9	12.9	754.0	26.0	0.0%
4:00 PM	10	30.0	523.5	17.2	1,119.1	38.6	26.7%
4:15 PM	1	29.0	394.5	13.0	896.7	29.2	0.0%
4:15 PM	2	29.0	289.7	10.0	550.6	18.6	0.0%
4:15 PM	3	29.0	287.4	10.1	560.0	19.4	0.0%
4:15 PM	4	29.0	324.2	10.8	739.4	22.6	0.0%
4:15 PM	5	29.0	339.0	10.9	759.4	24.8	0.0%
4:15 PM	6	29.0	386.0	13.1	861.7	29.0	0.0%
4:15 PM	7	29.0	398.5	13.2	763.3	25.6	0.0%
4:15 PM	8	29.0	527.5	17.6	1,118.4	38.6	41.4%
4:15 PM	9	29.0	736.9	23.9	1,117.7	36.6	37.9%
4:15 PM	10	29.0	759.6	24.4	1,140.0	38.0	65.5%
3:30 PM	Avg	30.0	148.9	5.2	351.8	12.1	0.0%
3:45 PM	Avg	30.0	196.3	6.6	462.3	15.0	0.0%
4:00 PM	Avg	30.0	357.7	11.8	695.3	23.3	5.7%
4:15 PM	Avg	29.0	444.3	14.7	850.7	28.2	14.5%

GREAT LAKES BLVD NW NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NWB T on GREAT LAKES BLVD NW - Lane ID 274838							
3:30 PM	1	30.0	8.5	0.4	59.1	2.5	0.0%
3:30 PM	2	30.0	19.5	0.9	72.9	3.0	0.0%
3:30 PM	3	30.0	5.2	0.3	37.7	2.0	0.0%
3:30 PM	4	30.0	11.3	0.4	55.2	2.0	0.0%
3:30 PM	5	30.0	12.3	0.5	68.7	3.0	0.0%
3:30 PM	6	30.0	8.7	0.5	20.0	1.0	0.0%
3:30 PM	7	30.0	16.7	0.7	63.6	2.5	0.0%
3:30 PM	8	30.0	13.0	0.6	65.5	2.5	0.0%
3:30 PM	9	30.0	16.4	0.7	52.6	2.0	0.0%
3:30 PM	10	30.0	10.1	0.4	71.4	3.0	0.0%
3:45 PM	1	30.0	15.8	0.7	77.4	3.1	0.0%
3:45 PM	2	30.0	17.3	0.8	57.5	2.0	0.0%
3:45 PM	3	30.0	3.7	0.2	16.2	1.0	0.0%
3:45 PM	4	30.0	15.5	0.7	83.7	3.0	0.0%
3:45 PM	5	30.0	10.6	0.4	74.4	3.1	0.0%
3:45 PM	6	30.0	6.8	0.3	28.6	1.0	0.0%
3:45 PM	7	30.0	8.2	0.4	50.4	2.5	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	4.6	0.3	29.1	1.5	0.0%
3:45 PM	9	30.0	10.4	0.5	46.9	2.0	0.0%
3:45 PM	10	30.0	5.2	0.2	23.1	1.0	0.0%
4:00 PM	1	30.0	5.8	0.3	34.1	1.5	0.0%
4:00 PM	2	30.0	11.8	0.5	73.8	2.5	0.0%
4:00 PM	3	30.0	9.5	0.5	47.0	2.0	0.0%
4:00 PM	4	30.0	12.3	0.5	57.6	2.5	0.0%
4:00 PM	5	30.0	13.1	0.6	63.5	2.5	0.0%
4:00 PM	6	30.0	7.7	0.4	42.2	2.0	0.0%
4:00 PM	7	30.0	11.9	0.6	44.9	2.0	0.0%
4:00 PM	8	30.0	5.8	0.3	34.7	1.5	0.0%
4:00 PM	9	30.0	7.1	0.3	35.3	1.5	0.0%
4:00 PM	10	30.0	16.2	0.8	68.4	3.0	0.0%
4:15 PM	1	29.0	9.2	0.4	42.8	2.0	0.0%
4:15 PM	2	29.0	16.2	0.6	74.4	2.0	0.0%
4:15 PM	3	29.0	8.2	0.4	46.7	2.0	0.0%
4:15 PM	4	29.0	9.6	0.4	42.2	2.0	0.0%
4:15 PM	5	29.0	9.3	0.3	49.8	2.0	0.0%
4:15 PM	6	29.0	9.9	0.4	49.0	2.0	0.0%
4:15 PM	7	29.0	5.0	0.3	20.8	1.0	0.0%
4:15 PM	8	29.0	17.5	0.8	88.6	4.0	0.0%
4:15 PM	9	29.0	10.3	0.4	55.0	2.0	0.0%
4:15 PM	10	29.0	5.9	0.3	33.8	1.6	0.0%
3:30 PM	Avg	30.0	12.2	0.5	56.7	2.4	0.0%
3:45 PM	Avg	30.0	9.8	0.5	48.7	2.0	0.0%
4:00 PM	Avg	30.0	10.1	0.5	50.2	2.1	0.0%
4:15 PM	Avg	29.0	10.1	0.4	50.3	2.1	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274839							
3:30 PM	1	30.0	32.8	1.4	116.0	5.0	0.0%
3:30 PM	2	30.0	49.7	2.0	148.4	6.0	0.0%
3:30 PM	3	30.0	31.5	1.2	121.8	4.5	0.0%
3:30 PM	4	30.0	31.7	1.3	101.0	4.0	0.0%
3:30 PM	5	30.0	37.2	1.4	141.6	5.0	0.0%
3:30 PM	6	30.0	44.0	1.7	131.5	5.0	0.0%
3:30 PM	7	30.0	50.1	2.0	153.1	6.0	0.0%
3:30 PM	8	30.0	42.1	1.7	146.0	5.5	0.0%
3:30 PM	9	30.0	37.5	1.6	134.8	5.0	0.0%
3:30 PM	10	30.0	32.1	1.2	139.5	5.0	0.0%
3:45 PM	1	30.0	56.9	2.2	167.6	6.0	0.0%
3:45 PM	2	30.0	41.4	1.7	137.3	5.0	0.0%
3:45 PM	3	30.0	34.3	1.4	124.7	4.5	0.0%
3:45 PM	4	30.0	50.5	1.9	159.6	5.5	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	35.4	1.2	150.2	4.5	0.0%
3:45 PM	6	30.0	38.3	1.6	136.9	5.5	0.0%
3:45 PM	7	30.0	36.5	1.5	157.7	6.0	0.0%
3:45 PM	8	30.0	20.0	0.7	96.8	3.5	0.0%
3:45 PM	9	30.0	43.7	1.7	138.9	5.5	0.0%
3:45 PM	10	30.0	38.9	1.5	143.2	5.0	0.0%
4:00 PM	1	30.0	30.4	1.2	116.3	4.5	0.0%
4:00 PM	2	30.0	35.7	1.5	142.4	5.5	0.0%
4:00 PM	3	30.0	20.6	0.9	78.7	3.0	0.0%
4:00 PM	4	30.0	39.5	1.6	162.1	6.0	0.0%
4:00 PM	5	30.0	39.5	1.6	153.8	5.0	0.0%
4:00 PM	6	30.0	33.4	1.4	108.1	4.5	0.0%
4:00 PM	7	30.0	37.2	1.4	138.8	5.0	0.0%
4:00 PM	8	30.0	28.1	1.2	115.8	4.6	0.0%
4:00 PM	9	30.0	47.9	1.9	147.5	5.5	0.0%
4:00 PM	10	30.0	64.4	2.5	157.8	6.0	0.0%
4:15 PM	1	29.0	39.7	1.4	179.5	5.0	0.0%
4:15 PM	2	29.0	49.4	1.9	152.0	5.6	0.0%
4:15 PM	3	29.0	28.7	1.1	114.4	4.6	0.0%
4:15 PM	4	29.0	33.9	1.4	103.8	4.0	0.0%
4:15 PM	5	29.0	15.9	0.7	89.7	3.6	0.0%
4:15 PM	6	29.0	42.4	1.6	125.4	5.0	0.0%
4:15 PM	7	29.0	48.5	1.8	148.9	5.6	0.0%
4:15 PM	8	29.0	47.5	1.8	156.9	5.6	0.0%
4:15 PM	9	29.0	28.4	1.1	151.4	5.6	0.0%
4:15 PM	10	29.0	49.7	2.1	140.5	5.0	0.0%
3:30 PM	Avg	30.0	38.9	1.6	133.4	5.1	0.0%
3:45 PM	Avg	30.0	39.6	1.5	141.3	5.1	0.0%
4:00 PM	Avg	30.0	37.7	1.5	132.1	5.0	0.0%
4:15 PM	Avg	29.0	38.4	1.5	136.3	5.0	0.0%
SEB L on GREAT LAKES BLVD NW - Lane ID 274809							
3:30 PM	1	30.0	47.1	1.9	239.7	9.5	0.0%
3:30 PM	2	30.0	60.0	2.3	245.9	10.0	0.0%
3:30 PM	3	30.0	74.0	2.8	224.3	7.5	0.0%
3:30 PM	4	30.0	54.6	2.2	234.1	9.0	0.0%
3:30 PM	5	30.0	73.2	2.6	232.8	8.5	0.0%
3:30 PM	6	30.0	73.6	2.9	226.9	9.0	0.0%
3:30 PM	7	30.0	47.2	1.9	177.3	7.0	0.0%
3:30 PM	8	30.0	60.9	2.3	187.3	6.0	0.0%
3:30 PM	9	30.0	139.6	5.0	421.3	15.0	0.0%
3:30 PM	10	30.0	71.1	2.8	182.6	7.0	0.0%
3:45 PM	1	30.0	51.4	2.0	213.2	7.5	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	116.8	4.2	368.7	12.5	0.0%
3:45 PM	3	30.0	90.2	3.3	273.7	9.0	0.0%
3:45 PM	4	30.0	72.8	2.7	221.7	8.0	0.0%
3:45 PM	5	30.0	128.1	4.7	319.4	11.5	0.0%
3:45 PM	6	30.0	89.9	3.4	322.3	12.0	0.0%
3:45 PM	7	30.0	96.4	3.5	305.8	10.6	0.0%
3:45 PM	8	30.0	89.1	3.5	188.5	7.0	0.0%
3:45 PM	9	30.0	84.7	3.0	287.0	10.0	0.0%
3:45 PM	10	30.0	104.8	3.7	281.4	10.0	0.0%
4:00 PM	1	30.0	104.8	3.8	236.6	8.0	0.0%
4:00 PM	2	30.0	171.2	6.1	520.0	18.5	6.7%
4:00 PM	3	30.0	59.2	2.3	217.8	8.0	0.0%
4:00 PM	4	30.0	101.2	3.6	301.6	10.5	0.0%
4:00 PM	5	30.0	58.6	2.4	188.8	7.5	0.0%
4:00 PM	6	30.0	94.8	3.6	285.4	11.5	0.0%
4:00 PM	7	30.0	184.2	6.7	404.8	14.5	0.0%
4:00 PM	8	30.0	155.0	5.4	335.2	12.0	0.0%
4:00 PM	9	30.0	121.0	4.2	266.4	9.0	0.0%
4:00 PM	10	30.0	39.7	1.5	188.8	7.1	0.0%
4:15 PM	1	29.0	64.6	2.4	215.8	7.6	0.0%
4:15 PM	2	29.0	125.5	4.5	418.8	15.4	0.0%
4:15 PM	3	29.0	88.1	3.2	240.0	7.6	0.0%
4:15 PM	4	29.0	111.3	3.7	342.7	11.0	0.0%
4:15 PM	5	29.0	225.7	7.5	477.6	15.6	3.4%
4:15 PM	6	29.0	50.0	2.0	207.4	7.8	0.0%
4:15 PM	7	29.0	94.3	3.5	299.8	10.6	0.0%
4:15 PM	8	29.0	90.2	3.2	278.3	9.2	0.0%
4:15 PM	9	29.0	96.8	3.6	244.5	8.6	0.0%
4:15 PM	10	29.0	52.2	1.9	167.4	6.6	0.0%
3:30 PM	Avg	30.0	70.1	2.7	237.2	8.9	0.0%
3:45 PM	Avg	30.0	92.4	3.4	278.2	9.8	0.0%
4:00 PM	Avg	30.0	109.0	4.0	294.5	10.7	0.7%
4:15 PM	Avg	29.0	99.9	3.6	289.2	10.0	0.3%

SEB T on GREAT LAKES BLVD NW - Lane ID 274810

3:30 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	8	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	Avg	29.0	0.0	0.0	0.0	0.0	0.0%

SEB T on GREAT LAKES BLVD NW - Lane ID 274837

3:30 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW

NODE: 2

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	8	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	Avg	29.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NWB L on GREAT LAKES BLVD NW - Lane ID 274826							
3:30 PM	1	30.0	18.3	0.8	107.3	4.1	0.0%
3:30 PM	2	30.0	7.3	0.4	42.0	2.0	0.0%
3:30 PM	3	30.0	30.7	1.2	134.9	4.5	0.0%
3:30 PM	4	30.0	24.5	0.9	151.5	5.2	0.0%
3:30 PM	5	30.0	20.4	0.8	123.1	4.6	0.0%
3:30 PM	6	30.0	5.6	0.2	31.7	1.5	0.0%
3:30 PM	7	30.0	12.6	0.5	52.8	2.0	0.0%
3:30 PM	8	30.0	35.7	1.4	161.3	6.1	0.0%
3:30 PM	9	30.0	30.7	1.2	125.3	4.5	0.0%
3:30 PM	10	30.0	27.1	1.1	140.7	5.5	0.0%
3:45 PM	1	30.0	13.7	0.5	91.4	3.0	0.0%
3:45 PM	2	30.0	27.5	1.1	133.5	5.0	0.0%
3:45 PM	3	30.0	24.8	1.0	182.8	7.0	0.0%
3:45 PM	4	30.0	26.0	1.0	124.9	4.5	0.0%
3:45 PM	5	30.0	28.4	1.1	158.4	6.1	0.0%
3:45 PM	6	30.0	22.3	0.9	83.1	3.5	0.0%
3:45 PM	7	30.0	30.8	1.2	180.5	6.5	0.0%
3:45 PM	8	30.0	25.3	1.0	140.3	5.5	0.0%
3:45 PM	9	30.0	7.1	0.3	41.8	2.0	0.0%
3:45 PM	10	30.0	38.1	1.3	179.8	6.5	0.0%
4:00 PM	1	30.0	24.0	1.0	120.6	4.5	0.0%
4:00 PM	2	30.0	31.6	1.2	178.1	6.2	0.0%
4:00 PM	3	30.0	10.0	0.5	64.6	2.5	0.0%
4:00 PM	4	30.0	32.5	1.1	171.8	5.5	0.0%
4:00 PM	5	30.0	24.5	1.0	134.3	5.0	0.0%
4:00 PM	6	30.0	25.5	1.0	155.9	5.6	0.0%
4:00 PM	7	30.0	26.0	1.0	153.2	5.1	0.0%
4:00 PM	8	30.0	32.5	1.2	163.4	5.0	0.0%
4:00 PM	9	30.0	36.3	1.4	180.5	7.0	0.0%
4:00 PM	10	30.0	34.8	1.2	208.7	6.5	0.0%
4:15 PM	1	29.0	21.9	0.9	113.2	4.8	0.0%
4:15 PM	2	29.0	15.4	0.6	81.9	2.6	0.0%
4:15 PM	3	29.0	16.5	0.7	89.2	3.8	0.0%
4:15 PM	4	29.0	33.5	1.1	154.5	6.0	0.0%
4:15 PM	5	29.0	15.5	0.6	74.7	3.0	0.0%
4:15 PM	6	29.0	23.8	1.0	146.8	5.2	0.0%
4:15 PM	7	29.0	19.8	0.8	122.0	3.8	0.0%
4:15 PM	8	29.0	15.9	0.7	98.7	4.0	0.0%
4:15 PM	9	29.0	24.0	1.0	101.4	4.0	0.0%
4:15 PM	10	29.0	9.1	0.4	50.3	2.2	0.0%
3:30 PM	Avg	30.0	21.3	0.9	107.1	4.0	0.0%
3:45 PM	Avg	30.0	24.4	0.9	131.7	5.0	0.0%
4:00 PM	Avg	30.0	27.8	1.1	153.1	5.3	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	19.5	0.8	103.3	3.9	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274827							
3:30 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	8	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	Avg	29.0	0.0	0.0	0.0	0.0	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274828							
3:30 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	2	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	6	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	0.0	0.0	0.0	0.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	8	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	Avg	29.0	0.0	0.0	0.0	0.0	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274817							
3:30 PM	1	30.0	50.2	1.9	172.2	5.5	0.0%
3:30 PM	2	30.0	51.3	2.0	139.7	5.5	0.0%
3:30 PM	3	30.0	36.1	1.5	161.9	6.0	0.0%
3:30 PM	4	30.0	34.6	1.4	110.0	4.5	0.0%
3:30 PM	5	30.0	50.3	2.0	133.8	5.0	0.0%
3:30 PM	6	30.0	67.4	2.7	181.8	7.0	0.0%
3:30 PM	7	30.0	28.5	1.3	87.6	3.5	0.0%
3:30 PM	8	30.0	46.3	1.8	138.2	5.0	0.0%
3:30 PM	9	30.0	48.8	2.1	133.3	5.5	0.0%
3:30 PM	10	30.0	42.8	1.7	132.3	4.5	0.0%
3:45 PM	1	30.0	44.9	1.8	150.5	4.0	0.0%
3:45 PM	2	30.0	42.3	1.6	113.3	4.0	0.0%
3:45 PM	3	30.0	63.2	2.5	161.2	6.0	0.0%
3:45 PM	4	30.0	35.9	1.6	100.4	4.0	0.0%
3:45 PM	5	30.0	55.3	2.2	141.4	5.0	0.0%
3:45 PM	6	30.0	40.5	1.5	161.1	5.5	0.0%
3:45 PM	7	30.0	43.2	1.7	121.6	4.5	0.0%
3:45 PM	8	30.0	42.3	1.7	129.2	5.0	0.0%
3:45 PM	9	30.0	38.8	1.6	135.4	5.0	0.0%
3:45 PM	10	30.0	47.4	1.7	166.5	5.0	0.0%
4:00 PM	1	30.0	46.2	1.7	125.4	4.0	0.0%
4:00 PM	2	30.0	50.6	2.0	144.5	5.0	0.0%
4:00 PM	3	30.0	51.7	2.1	122.0	5.0	0.0%
4:00 PM	4	30.0	33.4	1.4	95.6	3.5	0.0%
4:00 PM	5	30.0	35.6	1.5	113.6	4.5	0.0%
4:00 PM	6	30.0	47.7	2.0	125.6	5.0	0.0%
4:00 PM	7	30.0	50.5	2.1	160.2	6.0	0.0%
4:00 PM	8	30.0	40.0	1.4	139.2	4.0	0.0%
4:00 PM	9	30.0	36.7	1.5	100.2	4.0	0.0%
4:00 PM	10	30.0	35.4	1.5	122.5	4.5	0.0%
4:15 PM	1	29.0	50.8	2.1	127.0	5.0	0.0%
4:15 PM	2	29.0	33.6	1.4	130.8	5.0	0.0%
4:15 PM	3	29.0	30.1	1.3	113.9	4.0	0.0%
4:15 PM	4	29.0	51.6	2.0	138.1	5.0	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	5	29.0	49.4	1.7	156.1	5.0	0.0%
4:15 PM	6	29.0	43.0	1.9	108.9	4.0	0.0%
4:15 PM	7	29.0	42.1	1.8	110.7	4.6	0.0%
4:15 PM	8	29.0	42.0	1.7	135.8	5.0	0.0%
4:15 PM	9	29.0	57.9	2.2	165.4	5.6	0.0%
4:15 PM	10	29.0	51.9	2.1	120.4	4.6	0.0%
3:30 PM	Avg	30.0	45.6	1.8	139.1	5.2	0.0%
3:45 PM	Avg	30.0	45.4	1.8	138.1	4.8	0.0%
4:00 PM	Avg	30.0	42.8	1.7	124.9	4.6	0.0%
4:15 PM	Avg	29.0	45.2	1.8	130.7	4.8	0.0%
SEB T on GREAT LAKES BLVD NW - Lane ID 274818							
3:30 PM	1	30.0	63.6	2.6	182.1	7.1	0.0%
3:30 PM	2	30.0	60.7	2.3	189.1	6.5	0.0%
3:30 PM	3	30.0	43.1	1.8	140.8	6.0	0.0%
3:30 PM	4	30.0	49.2	2.0	152.9	6.0	0.0%
3:30 PM	5	30.0	66.2	2.5	191.0	6.5	0.0%
3:30 PM	6	30.0	78.7	2.9	251.3	8.1	0.0%
3:30 PM	7	30.0	50.7	2.1	143.9	5.5	0.0%
3:30 PM	8	30.0	58.5	2.1	172.3	5.0	0.0%
3:30 PM	9	30.0	50.4	2.1	146.7	6.0	0.0%
3:30 PM	10	30.0	59.3	2.4	162.7	6.0	0.0%
3:45 PM	1	30.0	59.1	2.1	158.3	6.0	0.0%
3:45 PM	2	30.0	42.6	1.8	146.1	5.6	0.0%
3:45 PM	3	30.0	69.8	2.5	202.4	5.5	0.0%
3:45 PM	4	30.0	66.4	2.5	180.0	6.0	0.0%
3:45 PM	5	30.0	58.3	2.4	159.2	6.0	0.0%
3:45 PM	6	30.0	61.6	2.3	176.0	6.5	0.0%
3:45 PM	7	30.0	59.0	2.3	156.9	6.0	0.0%
3:45 PM	8	30.0	70.0	2.6	210.5	7.5	0.0%
3:45 PM	9	30.0	52.0	2.1	153.6	6.0	0.0%
3:45 PM	10	30.0	53.4	2.2	164.1	6.5	0.0%
4:00 PM	1	30.0	68.5	2.7	153.7	5.5	0.0%
4:00 PM	2	30.0	53.9	2.2	145.8	5.5	0.0%
4:00 PM	3	30.0	61.5	2.5	174.1	6.0	0.0%
4:00 PM	4	30.0	45.8	1.9	131.8	5.1	0.0%
4:00 PM	5	30.0	45.7	1.9	163.0	6.5	0.0%
4:00 PM	6	30.0	58.5	2.3	164.9	6.0	0.0%
4:00 PM	7	30.0	50.6	2.0	138.3	5.0	0.0%
4:00 PM	8	30.0	42.6	1.8	146.8	5.5	0.0%
4:00 PM	9	30.0	40.6	1.7	150.8	5.5	0.0%
4:00 PM	10	30.0	47.7	2.0	134.6	5.5	0.0%
4:15 PM	1	29.0	71.0	2.9	181.3	7.6	0.0%

GREAT LAKES BLVD NW — NODE: 3

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	2	29.0	31.3	1.4	76.8	3.6	0.0%
4:15 PM	3	29.0	43.5	1.7	131.0	5.0	0.0%
4:15 PM	4	29.0	61.4	2.4	133.2	5.0	0.0%
4:15 PM	5	29.0	60.1	2.3	139.3	5.6	0.0%
4:15 PM	6	29.0	61.9	2.4	164.2	6.0	0.0%
4:15 PM	7	29.0	67.4	2.7	146.9	6.0	0.0%
4:15 PM	8	29.0	63.6	2.6	151.3	6.0	0.0%
4:15 PM	9	29.0	61.2	2.5	152.7	6.0	0.0%
4:15 PM	10	29.0	64.2	2.6	157.3	5.6	0.0%
3:30 PM	Avg	30.0	58.0	2.3	173.3	6.3	0.0%
3:45 PM	Avg	30.0	59.2	2.3	170.7	6.2	0.0%
4:00 PM	Avg	30.0	51.5	2.1	150.4	5.6	0.0%
4:15 PM	Avg	29.0	58.6	2.4	143.4	5.6	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB R on LAKE AVE NW - Lane ID 262156							
3:30 PM	1	30.0	23.9	1.0	115.5	4.5	0.0%
3:30 PM	2	30.0	34.4	1.4	95.5	3.5	0.0%
3:30 PM	3	30.0	18.6	0.8	88.4	3.5	0.0%
3:30 PM	4	30.0	28.2	1.3	100.3	4.0	0.0%
3:30 PM	5	30.0	37.2	1.5	135.0	5.0	0.0%
3:30 PM	6	30.0	30.4	1.3	91.8	4.0	0.0%
3:30 PM	7	30.0	27.2	1.2	94.6	4.0	0.0%
3:30 PM	8	30.0	25.6	1.1	94.6	3.5	0.0%
3:30 PM	9	30.0	33.1	1.4	101.6	4.0	0.0%
3:30 PM	10	30.0	30.4	1.3	103.2	4.0	0.0%
3:45 PM	1	30.0	29.8	1.3	99.0	4.0	0.0%
3:45 PM	2	30.0	33.4	1.3	129.0	5.0	0.0%
3:45 PM	3	30.0	38.2	1.6	100.3	4.0	0.0%
3:45 PM	4	30.0	19.7	0.8	84.6	3.5	0.0%
3:45 PM	5	30.0	34.3	1.4	122.7	4.5	0.0%
3:45 PM	6	30.0	18.6	0.8	68.4	3.0	0.0%
3:45 PM	7	30.0	39.3	1.5	120.5	4.5	0.0%
3:45 PM	8	30.0	29.8	1.2	134.2	5.1	0.0%
3:45 PM	9	30.0	37.3	1.5	144.7	5.5	0.0%
3:45 PM	10	30.0	22.7	1.0	96.7	3.5	0.0%
4:00 PM	1	30.0	38.6	1.6	115.1	4.0	0.0%
4:00 PM	2	30.0	28.8	1.3	98.7	4.0	0.0%
4:00 PM	3	30.0	46.6	1.8	143.4	5.5	0.0%
4:00 PM	4	30.0	24.5	1.1	82.8	3.0	0.0%
4:00 PM	5	30.0	26.6	1.1	103.4	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	6	30.0	37.7	1.5	135.9	5.0	0.0%
4:00 PM	7	30.0	32.2	1.4	108.1	4.0	0.0%
4:00 PM	8	30.0	20.8	0.9	69.7	3.0	0.0%
4:00 PM	9	30.0	29.5	1.1	98.8	3.5	0.0%
4:00 PM	10	30.0	26.3	1.2	95.8	4.0	0.0%
4:15 PM	1	29.0	34.7	1.4	142.4	5.6	0.0%
4:15 PM	2	29.0	25.3	1.1	100.3	3.6	0.0%
4:15 PM	3	29.0	21.3	0.9	69.5	3.0	0.0%
4:15 PM	4	29.0	29.3	1.2	101.6	4.0	0.0%
4:15 PM	5	29.0	35.4	1.4	114.7	4.6	0.0%
4:15 PM	6	29.0	30.1	1.2	109.2	3.6	0.0%
4:15 PM	7	29.0	39.5	1.5	146.3	5.2	0.0%
4:15 PM	8	29.0	27.2	1.2	92.9	4.0	0.0%
4:15 PM	9	29.0	35.8	1.2	104.1	3.6	0.0%
4:15 PM	10	29.0	39.2	1.7	100.9	4.0	0.0%
3:30 PM	Avg	30.0	28.9	1.2	102.1	4.0	0.0%
3:45 PM	Avg	30.0	30.3	1.2	110.0	4.3	0.0%
4:00 PM	Avg	30.0	31.2	1.3	105.2	4.0	0.0%
4:15 PM	Avg	29.0	31.8	1.3	108.2	4.1	0.0%
EB R on LAKE AVE NW - Lane ID 262157							
3:30 PM	1	30.0	19.1	0.9	74.3	3.0	0.0%
3:30 PM	2	30.0	14.9	0.7	48.6	2.0	0.0%
3:30 PM	3	30.0	7.2	0.4	27.7	1.0	0.0%
3:30 PM	4	30.0	10.6	0.5	48.8	2.0	0.0%
3:30 PM	5	30.0	17.6	0.7	66.6	2.5	0.0%
3:30 PM	6	30.0	19.3	0.7	89.7	2.0	0.0%
3:30 PM	7	30.0	9.7	0.5	44.6	2.0	0.0%
3:30 PM	8	30.0	11.4	0.6	45.2	2.0	0.0%
3:30 PM	9	30.0	15.0	0.7	57.8	2.0	0.0%
3:30 PM	10	30.0	12.1	0.6	42.6	2.0	0.0%
3:45 PM	1	30.0	12.0	0.6	44.7	2.0	0.0%
3:45 PM	2	30.0	11.6	0.5	45.0	2.0	0.0%
3:45 PM	3	30.0	20.7	0.8	61.8	2.0	0.0%
3:45 PM	4	30.0	11.0	0.5	45.6	2.0	0.0%
3:45 PM	5	30.0	17.2	0.8	62.7	3.0	0.0%
3:45 PM	6	30.0	13.3	0.6	53.1	2.0	0.0%
3:45 PM	7	30.0	17.0	0.8	54.3	2.0	0.0%
3:45 PM	8	30.0	16.8	0.8	59.6	2.5	0.0%
3:45 PM	9	30.0	11.1	0.5	51.1	2.0	0.0%
3:45 PM	10	30.0	12.5	0.5	71.2	3.0	0.0%
4:00 PM	1	30.0	15.2	0.7	55.1	2.0	0.0%
4:00 PM	2	30.0	16.9	0.7	62.1	2.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	3	30.0	13.6	0.6	46.5	2.0	0.0%
4:00 PM	4	30.0	9.3	0.5	44.6	2.0	0.0%
4:00 PM	5	30.0	13.3	0.6	68.2	3.0	0.0%
4:00 PM	6	30.0	15.1	0.7	46.3	2.0	0.0%
4:00 PM	7	30.0	9.9	0.5	45.0	2.0	0.0%
4:00 PM	8	30.0	11.3	0.6	57.7	2.5	0.0%
4:00 PM	9	30.0	16.5	0.7	65.2	2.5	0.0%
4:00 PM	10	30.0	13.6	0.7	61.8	3.0	0.0%
4:15 PM	1	29.0	11.3	0.5	55.7	2.0	0.0%
4:15 PM	2	29.0	12.5	0.6	50.6	2.0	0.0%
4:15 PM	3	29.0	10.0	0.5	57.9	2.6	0.0%
4:15 PM	4	29.0	17.5	0.9	61.9	2.6	0.0%
4:15 PM	5	29.0	21.7	0.8	87.2	2.0	0.0%
4:15 PM	6	29.0	18.6	0.8	68.2	3.0	0.0%
4:15 PM	7	29.0	15.8	0.7	47.2	2.0	0.0%
4:15 PM	8	29.0	13.2	0.7	45.6	2.0	0.0%
4:15 PM	9	29.0	8.9	0.4	49.7	2.0	0.0%
4:15 PM	10	29.0	13.0	0.6	64.4	2.6	0.0%
3:30 PM	Avg	30.0	13.7	0.6	54.6	2.1	0.0%
3:45 PM	Avg	30.0	14.3	0.6	54.9	2.3	0.0%
4:00 PM	Avg	30.0	13.5	0.6	55.3	2.4	0.0%
4:15 PM	Avg	29.0	14.3	0.7	58.8	2.3	0.0%

NWB R on GREAT LAKES BLVD NW - Lane ID 274861

3:30 PM	1	30.0	33.6	1.3	187.5	6.5	0.0%
3:30 PM	2	30.0	72.7	2.7	247.7	9.1	0.0%
3:30 PM	3	30.0	78.3	2.8	248.6	8.2	0.0%
3:30 PM	4	30.0	30.8	1.2	115.8	4.5	0.0%
3:30 PM	5	30.0	83.4	3.1	258.7	9.1	0.0%
3:30 PM	6	30.0	67.2	2.3	314.5	9.5	0.0%
3:30 PM	7	30.0	46.5	1.8	154.1	6.0	0.0%
3:30 PM	8	30.0	57.1	2.1	212.5	7.5	0.0%
3:30 PM	9	30.0	57.7	2.1	226.7	8.0	0.0%
3:30 PM	10	30.0	100.1	3.5	314.0	10.1	0.0%
3:45 PM	1	30.0	44.7	1.7	197.0	7.0	0.0%
3:45 PM	2	30.0	67.9	2.5	229.1	8.0	0.0%
3:45 PM	3	30.0	43.1	1.6	186.5	7.0	0.0%
3:45 PM	4	30.0	40.1	1.5	146.7	5.5	0.0%
3:45 PM	5	30.0	112.8	4.0	287.0	10.0	0.0%
3:45 PM	6	30.0	79.7	2.9	310.5	11.1	0.0%
3:45 PM	7	30.0	37.9	1.5	189.9	6.5	0.0%
3:45 PM	8	30.0	30.8	1.2	147.9	5.5	0.0%
3:45 PM	9	30.0	77.0	2.9	226.3	8.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	10	30.0	66.3	2.3	225.7	7.5	0.0%
4:00 PM	1	30.0	37.8	1.4	160.0	6.0	0.0%
4:00 PM	2	30.0	42.2	1.6	184.2	6.5	0.0%
4:00 PM	3	30.0	45.9	1.8	199.9	7.0	0.0%
4:00 PM	4	30.0	83.0	3.1	251.7	9.0	0.0%
4:00 PM	5	30.0	96.1	3.4	333.1	11.5	0.0%
4:00 PM	6	30.0	54.7	1.9	190.8	6.0	0.0%
4:00 PM	7	30.0	89.5	3.1	327.7	10.6	0.0%
4:00 PM	8	30.0	86.7	3.2	307.5	11.0	0.0%
4:00 PM	9	30.0	119.5	4.2	330.2	11.5	0.0%
4:00 PM	10	30.0	45.6	1.6	161.2	5.5	0.0%
4:15 PM	1	29.0	76.7	2.8	242.2	9.0	0.0%
4:15 PM	2	29.0	63.9	2.2	217.5	7.0	0.0%
4:15 PM	3	29.0	35.8	1.4	97.1	4.0	0.0%
4:15 PM	4	29.0	32.5	1.3	133.3	5.0	0.0%
4:15 PM	5	29.0	44.7	1.7	164.2	6.2	0.0%
4:15 PM	6	29.0	23.3	0.9	113.8	4.2	0.0%
4:15 PM	7	29.0	128.4	4.5	451.8	15.6	0.0%
4:15 PM	8	29.0	68.0	2.3	248.3	8.0	0.0%
4:15 PM	9	29.0	81.9	3.0	240.6	8.2	0.0%
4:15 PM	10	29.0	52.0	1.9	228.8	7.0	0.0%
3:30 PM	Avg	30.0	62.7	2.3	228.0	7.9	0.0%
3:45 PM	Avg	30.0	60.0	2.2	214.7	7.6	0.0%
4:00 PM	Avg	30.0	70.1	2.5	244.6	8.5	0.0%
4:15 PM	Avg	29.0	60.7	2.2	213.8	7.4	0.0%

NWB T on GREAT LAKES BLVD NW - Lane ID 274859

3:30 PM	1	30.0	11.5	0.5	58.7	2.0	0.0%
3:30 PM	2	30.0	15.8	0.6	107.1	4.1	0.0%
3:30 PM	3	30.0	17.7	0.7	86.0	3.0	0.0%
3:30 PM	4	30.0	14.8	0.7	74.2	3.1	0.0%
3:30 PM	5	30.0	4.3	0.2	17.3	1.0	0.0%
3:30 PM	6	30.0	1.1	0.1	8.8	0.5	0.0%
3:30 PM	7	30.0	7.5	0.4	26.2	1.5	0.0%
3:30 PM	8	30.0	4.9	0.2	20.0	1.0	0.0%
3:30 PM	9	30.0	3.0	0.2	16.5	1.0	0.0%
3:30 PM	10	30.0	14.8	0.6	87.2	3.0	0.0%
3:45 PM	1	30.0	2.9	0.2	15.3	1.0	0.0%
3:45 PM	2	30.0	6.1	0.3	25.5	1.5	0.0%
3:45 PM	3	30.0	14.7	0.5	92.2	3.1	0.0%
3:45 PM	4	30.0	5.3	0.3	34.2	1.5	0.0%
3:45 PM	5	30.0	10.0	0.5	32.2	1.5	0.0%
3:45 PM	6	30.0	13.2	0.6	56.4	2.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	7	30.0	11.4	0.5	56.1	2.5	0.0%
3:45 PM	8	30.0	14.3	0.6	74.5	2.5	0.0%
3:45 PM	9	30.0	6.2	0.3	34.5	1.5	0.0%
3:45 PM	10	30.0	8.4	0.4	38.7	1.5	0.0%
4:00 PM	1	30.0	16.0	0.5	86.7	3.0	0.0%
4:00 PM	2	30.0	8.6	0.4	43.6	2.0	0.0%
4:00 PM	3	30.0	9.4	0.4	47.3	2.0	0.0%
4:00 PM	4	30.0	17.7	0.8	73.3	3.0	0.0%
4:00 PM	5	30.0	8.9	0.5	41.1	2.0	0.0%
4:00 PM	6	30.0	11.1	0.5	62.9	2.5	0.0%
4:00 PM	7	30.0	18.5	0.8	92.8	4.0	0.0%
4:00 PM	8	30.0	15.5	0.7	74.8	3.0	0.0%
4:00 PM	9	30.0	17.3	0.7	96.0	3.5	0.0%
4:00 PM	10	30.0	7.4	0.4	44.8	2.0	0.0%
4:15 PM	1	29.0	4.7	0.2	31.9	1.6	0.0%
4:15 PM	2	29.0	7.0	0.4	33.5	1.6	0.0%
4:15 PM	3	29.0	23.8	0.9	106.9	4.0	0.0%
4:15 PM	4	29.0	14.6	0.6	80.4	3.0	0.0%
4:15 PM	5	29.0	14.9	0.6	48.9	2.0	0.0%
4:15 PM	6	29.0	6.7	0.3	17.7	1.0	0.0%
4:15 PM	7	29.0	15.2	0.7	83.6	3.6	0.0%
4:15 PM	8	29.0	9.2	0.4	41.7	2.0	0.0%
4:15 PM	9	29.0	14.7	0.7	61.6	2.6	0.0%
4:15 PM	10	29.0	4.7	0.2	29.8	1.6	0.0%
3:30 PM	Avg	30.0	9.5	0.4	50.2	2.0	0.0%
3:45 PM	Avg	30.0	9.3	0.4	46.0	1.9	0.0%
4:00 PM	Avg	30.0	13.0	0.6	66.3	2.7	0.0%
4:15 PM	Avg	29.0	11.6	0.5	53.6	2.3	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 274860							
3:30 PM	1	30.0	7.8	0.4	44.1	2.0	0.0%
3:30 PM	2	30.0	5.1	0.2	28.9	1.0	0.0%
3:30 PM	3	30.0	3.9	0.2	19.1	1.0	0.0%
3:30 PM	4	30.0	4.5	0.2	19.0	1.0	0.0%
3:30 PM	5	30.0	4.0	0.2	30.1	1.5	0.0%
3:30 PM	6	30.0	2.4	0.2	16.4	1.0	0.0%
3:30 PM	7	30.0	5.6	0.3	18.4	1.0	0.0%
3:30 PM	8	30.0	4.7	0.2	33.1	1.5	0.0%
3:30 PM	9	30.0	0.9	0.1	5.2	0.5	0.0%
3:30 PM	10	30.0	8.0	0.4	51.7	2.0	0.0%
3:45 PM	1	30.0	3.0	0.2	15.8	1.0	0.0%
3:45 PM	2	30.0	7.0	0.3	45.7	2.0	0.0%
3:45 PM	3	30.0	2.5	0.1	15.6	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	4	30.0	5.5	0.3	29.0	1.5	0.0%
3:45 PM	5	30.0	6.6	0.3	34.2	1.5	0.0%
3:45 PM	6	30.0	9.4	0.5	45.5	2.0	0.0%
3:45 PM	7	30.0	4.0	0.2	30.5	1.5	0.0%
3:45 PM	8	30.0	3.5	0.2	17.5	1.0	0.0%
3:45 PM	9	30.0	6.7	0.3	33.9	1.5	0.0%
3:45 PM	10	30.0	6.6	0.3	20.5	1.0	0.0%
4:00 PM	1	30.0	5.8	0.3	18.1	1.0	0.0%
4:00 PM	2	30.0	9.3	0.3	58.1	2.0	0.0%
4:00 PM	3	30.0	3.1	0.2	16.7	1.0	0.0%
4:00 PM	4	30.0	3.9	0.2	18.7	1.0	0.0%
4:00 PM	5	30.0	5.9	0.3	20.4	1.0	0.0%
4:00 PM	6	30.0	8.7	0.4	41.5	1.5	0.0%
4:00 PM	7	30.0	10.1	0.5	47.1	2.0	0.0%
4:00 PM	8	30.0	5.0	0.3	28.3	1.5	0.0%
4:00 PM	9	30.0	4.6	0.2	17.5	1.0	0.0%
4:00 PM	10	30.0	3.9	0.2	17.0	1.0	0.0%
4:15 PM	1	29.0	6.8	0.3	43.0	2.0	0.0%
4:15 PM	2	29.0	8.1	0.4	42.7	1.6	0.0%
4:15 PM	3	29.0	9.7	0.5	41.8	2.0	0.0%
4:15 PM	4	29.0	4.9	0.2	34.6	1.6	0.0%
4:15 PM	5	29.0	9.3	0.4	40.2	1.6	0.0%
4:15 PM	6	29.0	7.1	0.3	52.8	2.0	0.0%
4:15 PM	7	29.0	6.2	0.3	30.6	1.6	0.0%
4:15 PM	8	29.0	3.0	0.2	15.4	1.0	0.0%
4:15 PM	9	29.0	14.8	0.7	53.2	2.0	0.0%
4:15 PM	10	29.0	3.9	0.2	27.6	1.6	0.0%
3:30 PM	Avg	30.0	4.7	0.2	26.6	1.3	0.0%
3:45 PM	Avg	30.0	5.5	0.3	28.8	1.4	0.0%
4:00 PM	Avg	30.0	6.0	0.3	28.3	1.3	0.0%
4:15 PM	Avg	29.0	7.4	0.4	38.2	1.7	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 262205

3:30 PM	1	30.0	40.9	1.4	208.6	7.0	0.0%
3:30 PM	2	30.0	53.7	2.0	243.5	9.0	0.0%
3:30 PM	3	30.0	67.0	2.4	210.9	8.5	0.0%
3:30 PM	4	30.0	39.5	1.5	219.4	8.1	0.0%
3:30 PM	5	30.0	33.6	1.2	207.3	7.5	0.0%
3:30 PM	6	30.0	22.6	0.9	145.9	5.5	0.0%
3:30 PM	7	30.0	48.4	1.8	206.8	7.0	0.0%
3:30 PM	8	30.0	44.1	1.6	226.9	8.0	0.0%
3:30 PM	9	30.0	38.8	1.4	234.1	8.6	0.0%
3:30 PM	10	30.0	42.2	1.7	205.2	7.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	1	30.0	29.8	1.1	188.6	6.5	0.0%
3:45 PM	2	30.0	44.0	1.7	209.8	7.5	0.0%
3:45 PM	3	30.0	46.4	1.7	301.3	10.5	0.0%
3:45 PM	4	30.0	39.5	1.4	203.4	7.0	0.0%
3:45 PM	5	30.0	58.6	2.2	245.4	9.0	0.0%
3:45 PM	6	30.0	46.9	1.7	259.0	9.0	0.0%
3:45 PM	7	30.0	51.9	1.9	224.5	8.0	0.0%
3:45 PM	8	30.0	60.0	2.3	247.5	9.0	0.0%
3:45 PM	9	30.0	49.8	1.8	279.8	10.1	0.0%
3:45 PM	10	30.0	56.5	2.0	221.0	7.5	0.0%
4:00 PM	1	30.0	41.6	1.5	211.6	7.5	0.0%
4:00 PM	2	30.0	58.0	2.1	230.3	8.0	0.0%
4:00 PM	3	30.0	35.0	1.4	182.7	7.1	0.0%
4:00 PM	4	30.0	72.3	2.7	239.6	9.1	0.0%
4:00 PM	5	30.0	49.1	1.9	188.8	7.0	0.0%
4:00 PM	6	30.0	51.2	1.9	233.8	8.1	0.0%
4:00 PM	7	30.0	77.4	2.7	267.9	9.5	0.0%
4:00 PM	8	30.0	74.4	2.8	253.7	9.5	0.0%
4:00 PM	9	30.0	62.5	2.3	251.8	8.5	0.0%
4:00 PM	10	30.0	39.6	1.5	215.3	8.0	0.0%
4:15 PM	1	29.0	36.1	1.4	205.3	8.0	0.0%
4:15 PM	2	29.0	54.3	1.8	239.4	8.6	0.0%
4:15 PM	3	29.0	64.0	2.4	218.6	8.6	0.0%
4:15 PM	4	29.0	40.8	1.6	220.0	8.2	0.0%
4:15 PM	5	29.0	77.0	2.6	243.0	7.6	0.0%
4:15 PM	6	29.0	38.5	1.5	233.2	8.6	0.0%
4:15 PM	7	29.0	45.2	1.7	203.4	7.6	0.0%
4:15 PM	8	29.0	31.9	1.2	203.4	7.0	0.0%
4:15 PM	9	29.0	62.2	2.3	252.7	9.2	0.0%
4:15 PM	10	29.0	13.8	0.5	116.2	4.0	0.0%
3:30 PM	Avg	30.0	43.1	1.6	210.9	7.7	0.0%
3:45 PM	Avg	30.0	48.3	1.8	238.0	8.4	0.0%
4:00 PM	Avg	30.0	56.1	2.1	227.6	8.2	0.0%
4:15 PM	Avg	29.0	46.4	1.7	213.5	7.7	0.0%

SB TR on GREAT LAKES BLVD NW - Lane ID 262206

3:30 PM	1	30.0	29.1	1.2	181.3	6.6	0.0%
3:30 PM	2	30.0	37.2	1.4	193.6	7.0	0.0%
3:30 PM	3	30.0	57.8	2.2	198.6	7.5	0.0%
3:30 PM	4	30.0	33.8	1.3	194.7	7.2	0.0%
3:30 PM	5	30.0	40.1	1.3	217.9	7.0	0.0%
3:30 PM	6	30.0	20.2	0.8	138.6	5.1	0.0%
3:30 PM	7	30.0	52.1	2.0	209.4	8.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	8	30.0	20.6	0.7	167.3	5.1	0.0%
3:30 PM	9	30.0	22.6	0.8	130.9	4.5	0.0%
3:30 PM	10	30.0	32.3	1.1	163.3	6.0	0.0%
3:45 PM	1	30.0	45.0	1.5	265.4	9.0	0.0%
3:45 PM	2	30.0	41.6	1.6	207.3	7.0	0.0%
3:45 PM	3	30.0	40.6	1.4	243.4	7.5	0.0%
3:45 PM	4	30.0	44.5	1.5	239.2	7.5	0.0%
3:45 PM	5	30.0	22.3	0.9	128.4	5.0	0.0%
3:45 PM	6	30.0	40.4	1.4	221.5	7.0	0.0%
3:45 PM	7	30.0	40.2	1.6	240.0	9.1	0.0%
3:45 PM	8	30.0	44.3	1.6	200.6	7.1	0.0%
3:45 PM	9	30.0	38.5	1.4	233.5	8.5	0.0%
3:45 PM	10	30.0	50.0	1.8	228.5	9.0	0.0%
4:00 PM	1	30.0	41.9	1.4	207.9	7.0	0.0%
4:00 PM	2	30.0	25.0	1.0	157.6	6.1	0.0%
4:00 PM	3	30.0	29.6	1.1	161.2	5.5	0.0%
4:00 PM	4	30.0	52.3	2.0	263.5	9.0	0.0%
4:00 PM	5	30.0	29.0	1.1	132.1	5.5	0.0%
4:00 PM	6	30.0	47.4	1.7	210.8	7.0	0.0%
4:00 PM	7	30.0	77.5	2.7	310.6	10.5	0.0%
4:00 PM	8	30.0	44.0	1.7	207.7	7.5	0.0%
4:00 PM	9	30.0	43.6	1.7	222.7	8.1	0.0%
4:00 PM	10	30.0	37.5	1.4	204.1	7.5	0.0%
4:15 PM	1	29.0	34.1	1.3	184.1	6.0	0.0%
4:15 PM	2	29.0	47.6	1.8	232.7	8.6	0.0%
4:15 PM	3	29.0	68.9	2.3	214.5	7.0	0.0%
4:15 PM	4	29.0	35.1	1.3	241.3	8.2	0.0%
4:15 PM	5	29.0	69.1	2.6	204.1	8.0	0.0%
4:15 PM	6	29.0	24.8	1.0	153.8	6.2	0.0%
4:15 PM	7	29.0	45.4	1.7	224.9	8.0	0.0%
4:15 PM	8	29.0	25.4	1.0	151.0	6.0	0.0%
4:15 PM	9	29.0	48.2	1.8	204.1	6.6	0.0%
4:15 PM	10	29.0	15.5	0.6	105.1	4.2	0.0%
3:30 PM	Avg	30.0	34.6	1.3	179.6	6.4	0.0%
3:45 PM	Avg	30.0	40.7	1.5	220.8	7.7	0.0%
4:00 PM	Avg	30.0	42.8	1.6	207.8	7.4	0.0%
4:15 PM	Avg	29.0	41.4	1.5	191.6	6.9	0.0%

WB R on LAKE AVE NW - Lane ID 262189

3:30 PM	1	30.0	81.4	3.2	235.9	9.0	13.3%
3:30 PM	2	30.0	83.0	3.2	230.2	9.5	13.3%
3:30 PM	3	30.0	64.8	2.5	214.8	7.5	6.7%
3:30 PM	4	30.0	83.3	3.2	249.1	10.0	10.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	5	30.0	75.6	3.0	227.2	8.5	6.7%
3:30 PM	6	30.0	99.7	3.9	250.5	9.0	16.7%
3:30 PM	7	30.0	70.1	2.6	243.2	9.0	13.3%
3:30 PM	8	30.0	74.9	2.9	243.9	8.5	10.0%
3:30 PM	9	30.0	77.6	3.0	220.7	8.1	6.7%
3:30 PM	10	30.0	82.5	3.1	250.9	8.5	13.3%
3:45 PM	1	30.0	74.6	2.8	202.3	7.5	3.3%
3:45 PM	2	30.0	84.7	3.0	235.6	8.5	16.7%
3:45 PM	3	30.0	96.4	3.5	237.6	8.1	6.7%
3:45 PM	4	30.0	71.8	2.7	186.5	7.0	0.0%
3:45 PM	5	30.0	83.0	3.3	219.7	8.5	10.0%
3:45 PM	6	30.0	72.8	2.7	240.6	8.6	6.7%
3:45 PM	7	30.0	88.8	3.3	251.8	9.0	10.0%
3:45 PM	8	30.0	96.1	3.5	252.2	9.0	23.3%
3:45 PM	9	30.0	87.2	3.1	245.0	8.1	16.7%
3:45 PM	10	30.0	85.2	3.2	249.8	9.5	20.0%
4:00 PM	1	30.0	102.1	3.8	236.0	9.0	16.7%
4:00 PM	2	30.0	88.3	3.4	234.5	8.0	10.0%
4:00 PM	3	30.0	94.1	3.6	242.9	8.5	10.0%
4:00 PM	4	30.0	56.8	2.1	175.0	6.0	3.3%
4:00 PM	5	30.0	65.4	2.5	224.6	8.0	6.7%
4:00 PM	6	30.0	87.1	3.2	220.7	8.0	20.0%
4:00 PM	7	30.0	80.8	3.0	212.7	8.1	6.7%
4:00 PM	8	30.0	70.4	2.4	242.7	8.1	10.0%
4:00 PM	9	30.0	99.5	3.6	251.2	9.0	23.3%
4:00 PM	10	30.0	93.8	3.2	245.3	8.0	13.3%
4:15 PM	1	29.0	86.0	3.1	240.8	8.2	10.3%
4:15 PM	2	29.0	61.3	2.3	186.5	7.0	0.0%
4:15 PM	3	29.0	67.1	2.3	228.5	7.6	10.3%
4:15 PM	4	29.0	106.0	3.8	240.4	8.0	13.8%
4:15 PM	5	29.0	88.5	3.3	243.1	8.0	10.3%
4:15 PM	6	29.0	80.4	3.1	221.8	9.0	10.3%
4:15 PM	7	29.0	99.2	3.4	257.6	9.0	17.2%
4:15 PM	8	29.0	89.3	3.2	257.9	8.6	13.8%
4:15 PM	9	29.0	84.9	3.1	252.5	9.0	17.2%
4:15 PM	10	29.0	101.2	3.9	252.0	9.0	17.2%
3:30 PM	Avg	30.0	79.3	3.1	236.6	8.8	11.0%
3:45 PM	Avg	30.0	84.1	3.1	232.1	8.4	11.3%
4:00 PM	Avg	30.0	83.8	3.1	228.6	8.1	12.0%
4:15 PM	Avg	29.0	86.4	3.2	238.1	8.3	12.0%

WB R on LAKE AVE NW - Lane ID 262190

3:30 PM	1	30.0	35.4	1.5	145.0	5.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	2	30.0	42.9	1.7	136.2	5.0	0.0%
3:30 PM	3	30.0	25.5	1.1	87.8	3.5	0.0%
3:30 PM	4	30.0	39.0	1.5	144.3	5.5	0.0%
3:30 PM	5	30.0	30.6	1.3	114.9	4.5	0.0%
3:30 PM	6	30.0	37.1	1.5	115.0	4.5	0.0%
3:30 PM	7	30.0	33.9	1.4	109.4	4.0	0.0%
3:30 PM	8	30.0	28.2	1.2	117.6	4.5	0.0%
3:30 PM	9	30.0	43.1	1.8	133.9	5.5	0.0%
3:30 PM	10	30.0	30.5	1.3	108.6	4.0	0.0%
3:45 PM	1	30.0	41.7	1.7	123.9	5.0	0.0%
3:45 PM	2	30.0	35.0	1.4	114.0	4.5	0.0%
3:45 PM	3	30.0	55.1	2.1	150.4	5.0	0.0%
3:45 PM	4	30.0	39.1	1.6	141.0	5.5	0.0%
3:45 PM	5	30.0	46.1	1.8	141.6	5.0	0.0%
3:45 PM	6	30.0	40.2	1.4	172.5	5.0	0.0%
3:45 PM	7	30.0	37.5	1.5	119.3	4.0	0.0%
3:45 PM	8	30.0	37.1	1.6	106.6	4.0	0.0%
3:45 PM	9	30.0	36.5	1.5	116.9	4.5	0.0%
3:45 PM	10	30.0	36.2	1.2	151.8	4.0	0.0%
4:00 PM	1	30.0	39.6	1.6	157.5	6.1	0.0%
4:00 PM	2	30.0	46.5	1.8	157.5	5.5	0.0%
4:00 PM	3	30.0	52.0	2.1	167.9	6.5	0.0%
4:00 PM	4	30.0	33.9	1.3	131.6	4.5	0.0%
4:00 PM	5	30.0	32.2	1.1	136.4	4.5	0.0%
4:00 PM	6	30.0	46.9	1.8	139.2	5.0	0.0%
4:00 PM	7	30.0	39.0	1.6	154.8	6.0	0.0%
4:00 PM	8	30.0	19.4	0.8	81.5	3.0	0.0%
4:00 PM	9	30.0	36.7	1.5	115.5	4.5	0.0%
4:00 PM	10	30.0	38.4	1.4	137.6	4.0	0.0%
4:15 PM	1	29.0	42.1	1.7	112.9	4.0	0.0%
4:15 PM	2	29.0	40.8	1.6	140.2	5.0	0.0%
4:15 PM	3	29.0	24.1	1.0	97.1	4.0	0.0%
4:15 PM	4	29.0	61.6	2.3	144.2	5.6	0.0%
4:15 PM	5	29.0	48.0	1.8	139.4	5.0	0.0%
4:15 PM	6	29.0	37.6	1.6	130.3	5.0	0.0%
4:15 PM	7	29.0	43.8	1.7	130.7	5.0	0.0%
4:15 PM	8	29.0	35.4	1.4	118.2	4.6	0.0%
4:15 PM	9	29.0	31.3	1.3	92.4	4.0	0.0%
4:15 PM	10	29.0	36.3	1.4	121.1	4.0	0.0%
3:30 PM	Avg	30.0	34.6	1.4	121.3	4.7	0.0%
3:45 PM	Avg	30.0	40.5	1.6	133.8	4.7	0.0%
4:00 PM	Avg	30.0	38.5	1.5	138.0	5.0	0.0%
4:15 PM	Avg	29.0	40.1	1.6	122.7	4.6	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	3.1	2.0	0.0	7.0	10
3:45 PM	2.8	1.5	1.1	5.9	10
4:00 PM	3.8	1.9	1.8	6.9	10
4:15 PM	4.4	2.2	1.4	8.9	10
EB T on LAKE AVE NW - Lane ID 274869					
3:30 PM	10.6	3.6	3.8	15.6	10
3:45 PM	10.3	5.2	1.8	17.7	10
4:00 PM	8.8	3.3	4.0	16.6	10
4:15 PM	7.9	4.3	2.8	18.7	10
NB T on [Unnamed Street] - Lane ID 274849					
3:30 PM	20.8	4.4	13.8	27.9	10
3:45 PM	17.1	5.4	9.3	25.1	10
4:00 PM	21.1	5.1	11.5	29.0	10
4:15 PM	17.5	4.0	9.0	21.1	10
SWB T on [Unnamed Street] - Lane ID 274845					
3:30 PM	57.6	35.1	23.2	140.9	10
3:45 PM	68.2	30.0	29.3	122.3	10
4:00 PM	72.3	57.0	12.3	184.8	10
4:15 PM	72.0	56.6	34.7	189.6	10
WB T on LAKE AVE NW - Lane ID 274847					
3:30 PM	148.9	82.0	40.1	268.6	10
3:45 PM	196.3	127.7	60.8	385.8	10
4:00 PM	357.7	175.9	103.4	645.9	10
4:15 PM	444.3	174.5	287.4	759.6	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
3:30 PM	12.2	4.4	5.2	19.5	10
3:45 PM	9.8	5.0	3.7	17.3	10
4:00 PM	10.1	3.5	5.8	16.2	10
4:15 PM	10.1	4.0	5.0	17.5	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
3:30 PM	38.9	7.3	31.5	50.1	10
3:45 PM	39.6	9.9	20.0	56.9	10
4:00 PM	37.7	11.9	20.6	64.4	10
4:15 PM	38.4	11.4	15.9	49.7	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
3:30 PM	70.1	26.6	47.1	139.6	10
3:45 PM	92.4	21.6	51.4	128.1	10
4:00 PM	109.0	49.3	39.7	184.2	10
4:15 PM	99.9	50.4	50.0	225.7	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
3:30 PM	21.3	10.3	5.6	35.7	10
3:45 PM	24.4	8.7	7.1	38.1	10
4:00 PM	27.8	7.7	10.0	36.3	10
4:15 PM	19.5	6.7	9.1	33.5	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
3:30 PM	45.6	10.9	28.5	67.4	10
3:45 PM	45.4	8.2	35.9	63.2	10
4:00 PM	42.8	7.3	33.4	51.7	10
4:15 PM	45.2	8.7	30.1	57.9	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
3:30 PM	58.0	10.3	43.1	78.7	10
3:45 PM	59.2	8.5	42.6	70.0	10
4:00 PM	51.5	9.0	40.6	68.5	10
4:15 PM	58.6	12.0	31.3	71.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
3:30 PM	28.9	5.4	18.6	37.2	10
3:45 PM	30.3	7.6	18.6	39.3	10
4:00 PM	31.2	7.8	20.8	46.6	10
4:15 PM	31.8	6.1	21.3	39.5	10
EB R on LAKE AVE NW - Lane ID 262157					
3:30 PM	13.7	4.1	7.2	19.3	10
3:45 PM	14.3	3.3	11.0	20.7	10
4:00 PM	13.5	2.6	9.3	16.9	10
4:15 PM	14.3	4.1	8.9	21.7	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
3:30 PM	62.7	22.0	30.8	100.1	10
3:45 PM	60.0	25.4	30.8	112.8	10
4:00 PM	70.1	28.2	37.8	119.5	10
4:15 PM	60.7	30.7	23.3	128.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
3:30 PM	9.5	6.1	1.1	17.7	10
3:45 PM	9.3	4.1	2.9	14.7	10
4:00 PM	13.0	4.3	7.4	18.5	10
4:15 PM	11.6	6.1	4.7	23.8	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
3:30 PM	4.7	2.2	0.9	8.0	10
3:45 PM	5.5	2.2	2.5	9.4	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
4:00 PM	6.0	2.5	3.1	10.1	10
4:15 PM	7.4	3.4	3.0	14.8	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
3:30 PM	43.1	11.8	22.6	67.0	10
3:45 PM	48.3	9.2	29.8	60.0	10
4:00 PM	56.1	15.3	35.0	77.4	10
4:15 PM	46.4	18.4	13.8	77.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
3:30 PM	34.6	12.8	20.2	57.8	10
3:45 PM	40.7	7.3	22.3	50.0	10
4:00 PM	42.8	15.0	25.0	77.5	10
4:15 PM	41.4	18.0	15.5	69.1	10
WB R on LAKE AVE NW - Lane ID 262189					
3:30 PM	79.3	9.4	64.8	99.7	10
3:45 PM	84.1	8.8	71.8	96.4	10
4:00 PM	83.8	15.2	56.8	102.1	10
4:15 PM	86.4	14.2	61.3	106.0	10
WB R on LAKE AVE NW - Lane ID 262190					
3:30 PM	34.6	6.0	25.5	43.1	10
3:45 PM	40.5	6.1	35.0	55.1	10
4:00 PM	38.5	9.1	19.4	52.0	10
4:15 PM	40.1	10.1	24.1	61.6	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.1	0.1	0.0	0.3	10
3:45 PM	0.1	0.1	0.0	0.3	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.2	0.1	0.1	0.3	10
EB T on LAKE AVE NW - Lane ID 274869					
3:30 PM	0.4	0.1	0.1	0.6	10
3:45 PM	0.4	0.2	0.1	0.7	10
4:00 PM	0.4	0.1	0.2	0.7	10
4:15 PM	0.3	0.1	0.2	0.7	10
NB T on [Unnamed Street] - Lane ID 274849					
3:30 PM	0.9	0.2	0.6	1.1	10
3:45 PM	0.7	0.2	0.4	1.0	10
4:00 PM	0.9	0.2	0.6	1.1	10
4:15 PM	0.8	0.2	0.4	0.9	10
SWB T on [Unnamed Street] - Lane ID 274845					
3:30 PM	2.2	1.2	1.0	5.1	10
3:45 PM	2.5	1.0	1.1	4.1	10
4:00 PM	2.6	2.0	0.5	6.8	10
4:15 PM	2.6	1.9	1.4	6.2	10
WB T on LAKE AVE NW - Lane ID 274847					
3:30 PM	5.2	2.8	1.5	9.4	10
3:45 PM	6.6	4.2	2.2	13.2	10
4:00 PM	11.8	5.7	3.8	21.5	10
4:15 PM	14.7	5.5	10.0	24.4	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
3:30 PM	0.5	0.2	0.3	0.9	10
3:45 PM	0.5	0.2	0.2	0.8	10
4:00 PM	0.5	0.2	0.3	0.8	10
4:15 PM	0.4	0.2	0.3	0.8	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
3:30 PM	1.6	0.3	1.2	2.0	10
3:45 PM	1.5	0.4	0.7	2.2	10
4:00 PM	1.5	0.4	0.9	2.5	10
4:15 PM	1.5	0.4	0.7	2.1	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
3:30 PM	2.7	0.9	1.9	5.0	10
3:45 PM	3.4	0.7	2.0	4.7	10
4:00 PM	4.0	1.7	1.5	6.7	10
4:15 PM	3.6	1.6	1.9	7.5	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
3:30 PM	0.9	0.4	0.2	1.4	10
3:45 PM	0.9	0.3	0.3	1.3	10
4:00 PM	1.1	0.2	0.5	1.4	10
4:15 PM	0.8	0.2	0.4	1.1	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
3:30 PM	1.8	0.4	1.3	2.7	10
3:45 PM	1.8	0.3	1.5	2.5	10
4:00 PM	1.7	0.3	1.4	2.1	10
4:15 PM	1.8	0.3	1.3	2.2	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
3:30 PM	2.3	0.3	1.8	2.9	10
3:45 PM	2.3	0.2	1.8	2.6	10
4:00 PM	2.1	0.3	1.7	2.7	10
4:15 PM	2.4	0.5	1.4	2.9	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
3:30 PM	1.2	0.2	0.8	1.5	10
3:45 PM	1.2	0.3	0.8	1.6	10
4:00 PM	1.3	0.3	0.9	1.8	10
4:15 PM	1.3	0.2	0.9	1.7	10
EB R on LAKE AVE NW - Lane ID 262157					
3:30 PM	0.6	0.1	0.4	0.9	10
3:45 PM	0.6	0.1	0.5	0.8	10
4:00 PM	0.6	0.1	0.5	0.7	10
4:15 PM	0.7	0.2	0.4	0.9	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
3:30 PM	2.3	0.7	1.2	3.5	10
3:45 PM	2.2	0.9	1.2	4.0	10
4:00 PM	2.5	1.0	1.4	4.2	10
4:15 PM	2.2	1.0	0.9	4.5	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
3:30 PM	0.4	0.2	0.1	0.7	10
3:45 PM	0.4	0.1	0.2	0.6	10
4:00 PM	0.6	0.2	0.4	0.8	10
4:15 PM	0.5	0.2	0.2	0.9	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
3:30 PM	0.2	0.1	0.1	0.4	10
3:45 PM	0.3	0.1	0.1	0.5	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
4:00 PM	0.3	0.1	0.2	0.5	10
4:15 PM	0.4	0.2	0.2	0.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
3:30 PM	1.6	0.4	0.9	2.4	10
3:45 PM	1.8	0.4	1.1	2.3	10
4:00 PM	2.1	0.5	1.4	2.8	10
4:15 PM	1.7	0.6	0.5	2.6	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
3:30 PM	1.3	0.5	0.7	2.2	10
3:45 PM	1.5	0.2	0.9	1.8	10
4:00 PM	1.6	0.5	1.0	2.7	10
4:15 PM	1.5	0.6	0.6	2.6	10
WB R on LAKE AVE NW - Lane ID 262189					
3:30 PM	3.1	0.4	2.5	3.9	10
3:45 PM	3.1	0.3	2.7	3.5	10
4:00 PM	3.1	0.6	2.1	3.8	10
4:15 PM	3.2	0.5	2.3	3.9	10
WB R on LAKE AVE NW - Lane ID 262190					
3:30 PM	1.4	0.2	1.1	1.8	10
3:45 PM	1.6	0.2	1.2	2.1	10
4:00 PM	1.5	0.4	0.8	2.1	10
4:15 PM	1.6	0.3	1.0	2.3	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	17.7	9.0	0.0	31.1	10
3:45 PM	16.1	8.8	0.0	33.1	10
4:00 PM	23.7	9.6	16.3	43.5	10
4:15 PM	27.9	16.3	8.3	58.3	10
EB T on LAKE AVE NW - Lane ID 274869					
3:30 PM	52.1	22.1	25.7	102.1	10
3:45 PM	59.6	29.3	14.4	100.9	10
4:00 PM	45.0	17.3	21.0	81.8	10
4:15 PM	45.4	20.9	16.4	71.0	10
NB T on [Unnamed Street] - Lane ID 274849					
3:30 PM	79.7	16.4	48.3	98.2	10
3:45 PM	70.0	23.0	46.5	108.6	10
4:00 PM	76.9	18.9	45.5	105.1	10
4:15 PM	71.3	22.1	28.1	101.3	10
SWB T on [Unnamed Street] - Lane ID 274845					
3:30 PM	171.1	85.5	88.9	370.2	10
3:45 PM	204.5	71.2	124.9	387.9	10
4:00 PM	204.1	131.1	42.8	411.4	10
4:15 PM	191.4	111.8	106.9	437.8	10
WB T on LAKE AVE NW - Lane ID 274847					
3:30 PM	351.8	157.5	127.0	596.7	10
3:45 PM	462.3	238.9	182.9	794.6	10
4:00 PM	695.3	297.3	246.1	1,119.1	10
4:15 PM	850.7	219.0	550.6	1,140.0	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
3:30 PM	56.7	16.6	20.0	72.9	10
3:45 PM	48.7	24.2	16.2	83.7	10
4:00 PM	50.2	14.7	34.1	73.8	10
4:15 PM	50.3	19.3	20.8	88.6	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
3:30 PM	133.4	16.2	101.0	153.1	10
3:45 PM	141.3	20.2	96.8	167.6	10
4:00 PM	132.1	26.6	78.7	162.1	10
4:15 PM	136.3	27.4	89.7	179.5	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
3:30 PM	237.2	69.4	177.3	421.3	10
3:45 PM	278.2	55.9	188.5	368.7	10
4:00 PM	294.5	103.9	188.8	520.0	10
4:15 PM	289.2	98.2	167.4	477.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
3:30 PM	107.1	47.5	31.7	161.3	10
3:45 PM	131.7	47.4	41.8	182.8	10
4:00 PM	153.1	39.7	64.6	208.7	10
4:15 PM	103.3	32.1	50.3	154.5	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
3:30 PM	139.1	28.0	87.6	181.8	10
3:45 PM	138.1	22.2	100.4	166.5	10
4:00 PM	124.9	19.6	95.6	160.2	10
4:15 PM	130.7	18.9	108.9	165.4	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
3:30 PM	173.3	33.1	140.8	251.3	10
3:45 PM	170.7	21.4	146.1	210.5	10
4:00 PM	150.4	13.8	131.8	174.1	10
4:15 PM	143.4	27.8	76.8	181.3	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
3:30 PM	102.1	13.8	88.4	135.0	10
3:45 PM	110.0	24.0	68.4	144.7	10
4:00 PM	105.2	22.2	69.7	143.4	10
4:15 PM	108.2	22.5	69.5	146.3	10
EB R on LAKE AVE NW - Lane ID 262157					
3:30 PM	54.6	18.0	27.7	89.7	10
3:45 PM	54.9	8.8	44.7	71.2	10
4:00 PM	55.3	9.1	44.6	68.2	10
4:15 PM	58.8	12.5	45.6	87.2	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
3:30 PM	228.0	63.7	115.8	314.5	10
3:45 PM	214.7	53.4	146.7	310.5	10
4:00 PM	244.6	73.6	160.0	333.1	10
4:15 PM	213.8	101.2	97.1	451.8	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
3:30 PM	50.2	36.4	8.8	107.1	10
3:45 PM	46.0	23.7	15.3	92.2	10
4:00 PM	66.3	21.4	41.1	96.0	10
4:15 PM	53.6	28.7	17.7	106.9	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
3:30 PM	26.6	13.9	5.2	51.7	10
3:45 PM	28.8	11.4	15.6	45.7	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
4:00 PM	28.3	15.1	16.7	58.1	10
4:15 PM	38.2	11.6	15.4	53.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
3:30 PM	210.9	26.3	145.9	243.5	10
3:45 PM	238.0	35.3	188.6	301.3	10
4:00 PM	227.6	27.9	182.7	267.9	10
4:15 PM	213.5	38.4	116.2	252.7	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
3:30 PM	179.6	29.1	130.9	217.9	10
3:45 PM	220.8	37.4	128.4	265.4	10
4:00 PM	207.8	52.0	132.1	310.6	10
4:15 PM	191.6	43.1	105.1	241.3	10
WB R on LAKE AVE NW - Lane ID 262189					
3:30 PM	236.6	12.9	214.8	250.9	10
3:45 PM	232.1	22.4	186.5	252.2	10
4:00 PM	228.6	22.3	175.0	251.2	10
4:15 PM	238.1	21.7	186.5	257.9	10
WB R on LAKE AVE NW - Lane ID 262190					
3:30 PM	121.3	18.2	87.8	145.0	10
3:45 PM	133.8	20.9	106.6	172.5	10
4:00 PM	138.0	25.1	81.5	167.9	10
4:15 PM	122.7	17.8	92.4	144.2	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.9	0.4	0.0	1.5	10
3:45 PM	0.9	0.4	0.0	1.5	10
4:00 PM	1.2	0.4	1.0	2.0	10
4:15 PM	1.2	0.4	1.0	2.0	10
EB T on LAKE AVE NW - Lane ID 274869					
3:30 PM	1.9	0.6	1.0	3.0	10
3:45 PM	2.1	1.2	0.5	4.0	10
4:00 PM	1.7	0.7	1.0	3.1	10
4:15 PM	1.6	0.6	1.0	2.6	10
NB T on [Unnamed Street] - Lane ID 274849					
3:30 PM	2.8	0.5	2.0	3.5	10
3:45 PM	2.7	0.7	2.0	4.0	10
4:00 PM	3.0	0.8	2.0	4.5	10
4:15 PM	2.7	0.8	1.0	3.8	10
SWB T on [Unnamed Street] - Lane ID 274845					
3:30 PM	6.5	3.1	3.5	14.0	10
3:45 PM	7.0	2.2	4.5	12.5	10
4:00 PM	6.9	4.1	2.0	14.0	10
4:15 PM	6.4	3.5	4.0	13.2	10
WB T on LAKE AVE NW - Lane ID 274847					
3:30 PM	12.1	5.5	4.5	20.0	10
3:45 PM	15.0	7.6	6.0	24.5	10
4:00 PM	23.3	10.2	8.5	38.6	10
4:15 PM	28.2	7.4	18.6	38.6	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
3:30 PM	2.4	0.6	1.0	3.0	10
3:45 PM	2.0	0.9	1.0	3.1	10
4:00 PM	2.1	0.5	1.5	3.0	10
4:15 PM	2.1	0.8	1.0	4.0	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
3:30 PM	5.1	0.6	4.0	6.0	10
3:45 PM	5.1	0.8	3.5	6.0	10
4:00 PM	5.0	0.9	3.0	6.0	10
4:15 PM	5.0	0.7	3.6	5.6	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
3:30 PM	8.9	2.5	6.0	15.0	10
3:45 PM	9.8	1.9	7.0	12.5	10
4:00 PM	10.7	3.6	7.1	18.5	10
4:15 PM	10.0	3.2	6.6	15.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
3:30 PM	4.0	1.6	1.5	6.1	10
3:45 PM	5.0	1.7	2.0	7.0	10
4:00 PM	5.3	1.2	2.5	7.0	10
4:15 PM	3.9	1.2	2.2	6.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
3:30 PM	5.2	0.9	3.5	7.0	10
3:45 PM	4.8	0.7	4.0	6.0	10
4:00 PM	4.6	0.7	3.5	6.0	10
4:15 PM	4.8	0.5	4.0	5.6	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
3:30 PM	6.3	0.9	5.0	8.1	10
3:45 PM	6.2	0.6	5.5	7.5	10
4:00 PM	5.6	0.4	5.0	6.5	10
4:15 PM	5.6	1.0	3.6	7.6	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
3:30 PM	4.0	0.5	3.5	5.0	10
3:45 PM	4.3	0.8	3.0	5.5	10
4:00 PM	4.0	0.8	3.0	5.5	10
4:15 PM	4.1	0.8	3.0	5.6	10
EB R on LAKE AVE NW - Lane ID 262157					
3:30 PM	2.1	0.5	1.0	3.0	10
3:45 PM	2.3	0.4	2.0	3.0	10
4:00 PM	2.4	0.4	2.0	3.0	10
4:15 PM	2.3	0.4	2.0	3.0	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
3:30 PM	7.9	1.8	4.5	10.1	10
3:45 PM	7.6	1.8	5.5	11.1	10
4:00 PM	8.5	2.5	5.5	11.5	10
4:15 PM	7.4	3.3	4.0	15.6	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
3:30 PM	2.0	1.2	0.5	4.1	10
3:45 PM	1.9	0.7	1.0	3.1	10
4:00 PM	2.7	0.7	2.0	4.0	10
4:15 PM	2.3	1.0	1.0	4.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
3:30 PM	1.3	0.5	0.5	2.0	10
3:45 PM	1.4	0.4	1.0	2.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
4:00 PM	1.3	0.4	1.0	2.0	10
4:15 PM	1.7	0.3	1.0	2.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
3:30 PM	7.7	1.0	5.5	9.0	10
3:45 PM	8.4	1.3	6.5	10.5	10
4:00 PM	8.2	0.9	7.0	9.5	10
4:15 PM	7.7	1.5	4.0	9.2	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
3:30 PM	6.4	1.2	4.5	8.0	10
3:45 PM	7.7	1.3	5.0	9.1	10
4:00 PM	7.4	1.6	5.5	10.5	10
4:15 PM	6.9	1.4	4.2	8.6	10
WB R on LAKE AVE NW - Lane ID 262189					
3:30 PM	8.8	0.7	7.5	10.0	10
3:45 PM	8.4	0.7	7.0	9.5	10
4:00 PM	8.1	0.8	6.0	9.0	10
4:15 PM	8.3	0.7	7.0	9.0	10
WB R on LAKE AVE NW - Lane ID 262190					
3:30 PM	4.7	0.7	3.5	5.5	10
3:45 PM	4.7	0.5	4.0	5.5	10
4:00 PM	5.0	1.1	3.0	6.5	10
4:15 PM	4.6	0.6	4.0	5.6	10

Project: Alt 3_Build SR-21 & Lake Ave_RCUT+RAB_final
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

55112, 55118, 55116, 55114, 55111, 55117, 55115 & 55113 — NODE: 13

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274843					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on LAKE AVE NW - Lane ID 274869					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB T on [Unnamed Street] - Lane ID 274849					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street] - Lane ID 274845					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 274847					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.1	0.1	0.0	0.3	10
4:15 PM	0.1	0.2	0.0	0.7	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 2

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274838					
NWB T on GREAT LAKES BLVD NW - Lane ID 274839					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB L on GREAT LAKES BLVD NW - Lane ID 274809					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274837					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB L on GREAT LAKES BLVD NW - Lane ID 274826					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274827					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW — NODE: 3

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274828					
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274817					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SEB T on GREAT LAKES BLVD NW - Lane ID 274818					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB R on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB R on LAKE AVE NW - Lane ID 262157					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB R on GREAT LAKES BLVD NW - Lane ID 274861					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274859					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
NWB T on GREAT LAKES BLVD NW - Lane ID 274860					
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262205					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262206					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 262189					
3:30 PM	0.1	0.0	0.1	0.2	10
3:45 PM	0.1	0.1	0.0	0.2	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.1	0.0	0.2	10
WB R on LAKE AVE NW - Lane ID 262190					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Build Alternate 4

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on LAKE AVE NW: Superlink ID 52029					
7:15 AM	1	6.0	0.10	47.7	D
7:15 AM	2	5.0	0.00	31.3	C
7:15 AM	3	4.0	0.00	43.0	D
7:15 AM	4	5.0	0.10	58.4	E
7:15 AM	5	4.0	0.10	84.4	F
7:15 AM	6	5.0	0.10	64.4	E
7:15 AM	7	4.0	0.10	54.8	D
7:15 AM	8	5.0	0.10	38.4	D
7:15 AM	9	4.0	0.10	63.7	E
7:15 AM	10	5.0	0.10	58.1	E
7:30 AM	1	4.0	0.00	29.7	C
7:30 AM	2	5.0	0.10	100.6	F
7:30 AM	3	5.0	0.10	83.0	F
7:30 AM	4	4.0	0.10	45.5	D
7:30 AM	5	6.0	0.10	64.6	E
7:30 AM	6	5.0	0.10	65.4	E
7:30 AM	7	5.0	0.10	90.2	F
7:30 AM	8	5.0	0.10	45.5	D
7:30 AM	9	6.0	0.10	45.5	D
7:30 AM	10	5.0	0.10	76.7	E
7:45 AM	1	6.0	0.10	57.4	E
7:45 AM	2	5.0	0.00	33.7	C
7:45 AM	3	6.0	0.10	50.2	D
7:45 AM	4	6.0	0.20	93.0	F
7:45 AM	5	5.0	0.10	60.1	E
7:45 AM	6	4.0	0.10	74.0	E
7:45 AM	7	5.0	0.20	109.8	F
7:45 AM	8	5.0	0.00	28.8	C
7:45 AM	9	5.0	0.10	36.9	D
7:45 AM	10	4.0	0.00	8.2	A
8:00 AM	1	5.0	0.10	43.9	D
8:00 AM	2	5.0	0.10	40.2	D
8:00 AM	3	5.0	0.10	51.7	D
8:00 AM	4	4.0	0.10	109.7	F
8:00 AM	5	5.0	0.10	51.8	D
8:00 AM	6	6.0	0.10	68.3	E

8:00 AM	7	6.0	0.10	54.2	D
8:00 AM	8	4.0	0.10	78.1	E
8:00 AM	9	5.0	0.10	52.3	D
8:00 AM	10	6.0	0.10	54.6	D
7:15 AM	Avg	4.7	0.08	54.4	D
7:30 AM	Avg	5.0	0.09	64.7	E
7:45 AM	Avg	5.1	0.09	55.2	E
8:00 AM	Avg	5.1	0.10	60.5	E

EB TR on LAKE AVE NW: Superlink ID 52029

7:15 AM	1	101.0	1.10	41.0	D
7:15 AM	2	105.0	1.30	43.0	D
7:15 AM	3	100.0	1.20	43.7	D
7:15 AM	4	106.0	1.20	41.3	D
7:15 AM	5	101.0	1.80	65.0	E
7:15 AM	6	102.0	1.20	40.8	D
7:15 AM	7	107.0	1.30	44.0	D
7:15 AM	8	106.0	1.20	41.9	D
7:15 AM	9	102.0	1.50	54.6	D
7:15 AM	10	105.0	1.30	44.0	D
7:30 AM	1	105.0	1.20	41.9	D
7:30 AM	2	103.0	2.50	88.8	F
7:30 AM	3	106.0	2.10	70.3	E
7:30 AM	4	94.0	1.50	56.2	E
7:30 AM	5	112.0	1.70	55.7	E
7:30 AM	6	105.0	1.20	42.5	D
7:30 AM	7	103.0	2.40	84.0	F
7:30 AM	8	109.0	1.20	39.6	D
7:30 AM	9	106.0	1.30	45.5	D
7:30 AM	10	108.0	2.00	65.3	E
7:45 AM	1	108.0	1.50	50.5	D
7:45 AM	2	106.0	1.10	38.0	D
7:45 AM	3	105.0	1.50	49.8	D
7:45 AM	4	116.0	2.80	87.1	F
7:45 AM	5	106.0	1.60	54.6	D
7:45 AM	6	105.0	2.00	68.7	E
7:45 AM	7	107.0	2.90	97.6	F
7:45 AM	8	101.0	1.40	50.1	D
7:45 AM	9	107.0	1.20	40.9	D
7:45 AM	10	102.0	1.10	39.7	D
8:00 AM	1	104.0	1.10	39.8	D
8:00 AM	2	107.0	1.10	37.0	D
8:00 AM	3	107.0	1.80	60.0	E
8:00 AM	4	89.0	2.90	115.6	F
8:00 AM	5	100.0	1.20	44.2	D
8:00 AM	6	108.0	1.00	32.1	C
8:00 AM	7	104.0	1.10	39.8	D

8:00 AM	8	109.0	1.40	46.8	D
8:00 AM	9	105.0	1.20	41.1	D
8:00 AM	10	106.0	1.20	39.7	D
7:15 AM	Avg	103.5	1.31	45.9	D
7:30 AM	Avg	105.1	1.71	59.0	E
7:45 AM	Avg	106.3	1.71	57.7	E
8:00 AM	Avg	103.9	1.40	49.6	D

NWB L on GREAT LAKES BLVD NW: Superlink ID 52044

7:15 AM	1	4.0	0.10	63.8	E
7:15 AM	2	6.0	0.10	58.1	E
7:15 AM	3	6.0	0.10	57.0	E
7:15 AM	4	5.0	0.10	50.3	D
7:15 AM	5	5.0	0.10	61.8	E
7:15 AM	6	6.0	0.10	35.6	D
7:15 AM	7	6.0	0.10	50.7	D
7:15 AM	8	5.0	0.10	61.1	E
7:15 AM	9	4.0	0.10	50.3	D
7:15 AM	10	5.0	0.10	59.1	E
7:30 AM	1	5.0	0.10	57.1	E
7:30 AM	2	5.0	0.10	59.9	E
7:30 AM	3	4.0	0.10	60.5	E
7:30 AM	4	4.0	0.10	57.9	E
7:30 AM	5	6.0	0.10	42.6	D
7:30 AM	6	4.0	0.10	63.6	E
7:30 AM	7	4.0	0.10	45.3	D
7:30 AM	8	5.0	0.10	52.3	D
7:30 AM	9	5.0	0.10	64.9	E
7:30 AM	10	5.0	0.10	45.2	D
7:45 AM	1	5.0	0.10	62.2	E
7:45 AM	2	4.0	0.00	39.4	D
7:45 AM	3	6.0	0.10	67.8	E
7:45 AM	4	6.0	0.10	69.5	E
7:45 AM	5	5.0	0.10	50.0	D
7:45 AM	6	5.0	0.10	48.5	D
7:45 AM	7	5.0	0.10	53.6	D
7:45 AM	8	5.0	0.10	50.1	D
7:45 AM	9	5.0	0.10	66.3	E
7:45 AM	10	5.0	0.10	60.2	E
8:00 AM	1	6.0	0.10	38.9	D
8:00 AM	2	5.0	0.10	56.3	E
8:00 AM	3	4.0	0.10	62.1	E
8:00 AM	4	5.0	0.10	51.5	D
8:00 AM	5	5.0	0.10	47.9	D
8:00 AM	6	5.0	0.10	64.4	E
8:00 AM	7	6.0	0.10	42.5	D
8:00 AM	8	5.0	0.10	60.7	E

8:00 AM	9	5.0	0.10	61.2	E
8:00 AM	10	5.0	0.10	62.3	E
7:15 AM	Avg	5.2	0.10	54.8	D
7:30 AM	Avg	4.7	0.10	54.9	D
7:45 AM	Avg	5.1	0.09	56.7	E
8:00 AM	Avg	5.1	0.10	54.8	D

NWB T on GREAT LAKES BLVD NW: Superlink ID 52044

7:15 AM	1	56.0	0.50	29.9	C
7:15 AM	2	53.0	0.40	27.9	C
7:15 AM	3	56.0	0.40	24.7	C
7:15 AM	4	57.0	0.40	26.6	C
7:15 AM	5	55.0	0.40	27.6	C
7:15 AM	6	52.0	0.30	23.3	C
7:15 AM	7	51.0	0.40	25.8	C
7:15 AM	8	56.0	0.40	27.0	C
7:15 AM	9	53.0	0.40	27.8	C
7:15 AM	10	50.0	0.50	35.3	D
7:30 AM	1	58.0	0.60	34.7	C
7:30 AM	2	57.0	0.40	25.4	C
7:30 AM	3	54.0	0.30	21.3	C
7:30 AM	4	54.0	0.50	30.7	C
7:30 AM	5	53.0	0.40	27.2	C
7:30 AM	6	50.0	0.40	29.3	C
7:30 AM	7	50.0	0.40	29.9	C
7:30 AM	8	51.0	0.40	24.7	C
7:30 AM	9	49.0	0.40	31.0	C
7:30 AM	10	54.0	0.40	26.9	C
7:45 AM	1	53.0	0.40	26.4	C
7:45 AM	2	50.0	0.40	27.0	C
7:45 AM	3	51.0	0.40	29.6	C
7:45 AM	4	55.0	0.40	27.8	C
7:45 AM	5	55.0	0.40	28.3	C
7:45 AM	6	54.0	0.40	28.0	C
7:45 AM	7	51.0	0.40	31.4	C
7:45 AM	8	56.0	0.40	25.6	C
7:45 AM	9	54.0	0.40	28.7	C
7:45 AM	10	57.0	0.40	26.2	C
8:00 AM	1	53.0	0.40	25.4	C
8:00 AM	2	56.0	0.50	29.5	C
8:00 AM	3	48.0	0.40	29.9	C
8:00 AM	4	55.0	0.50	34.6	C
8:00 AM	5	55.0	0.50	32.4	C
8:00 AM	6	52.0	0.50	31.9	C
8:00 AM	7	52.0	0.40	30.8	C
8:00 AM	8	52.0	0.40	28.5	C
8:00 AM	9	54.0	0.40	26.8	C

8:00 AM	10	54.0	0.40	24.3	C
7:15 AM	Avg	53.9	0.41	27.6	C
7:30 AM	Avg	53.0	0.42	28.1	C
7:45 AM	Avg	53.6	0.40	27.9	C
8:00 AM	Avg	53.1	0.44	29.4	C

NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044

7:15 AM	1	73.0	0.60	28.0	C
7:15 AM	2	83.0	0.50	22.3	C
7:15 AM	3	79.0	0.50	24.1	C
7:15 AM	4	74.0	0.60	31.2	C
7:15 AM	5	80.0	0.50	23.5	C
7:15 AM	6	80.0	0.50	23.7	C
7:15 AM	7	80.0	0.50	20.4	C
7:15 AM	8	77.0	0.50	22.5	C
7:15 AM	9	80.0	0.60	25.6	C
7:15 AM	10	85.0	0.50	20.2	C
7:30 AM	1	75.0	0.60	27.0	C
7:30 AM	2	75.0	0.40	21.2	C
7:30 AM	3	81.0	0.50	23.0	C
7:30 AM	4	78.0	0.60	27.9	C
7:30 AM	5	80.0	0.60	26.7	C
7:30 AM	6	81.0	0.50	20.9	C
7:30 AM	7	80.0	0.50	20.6	C
7:30 AM	8	81.0	0.50	23.1	C
7:30 AM	9	81.0	0.50	22.4	C
7:30 AM	10	75.0	0.50	23.0	C
7:45 AM	1	81.0	0.50	22.1	C
7:45 AM	2	82.0	0.50	24.1	C
7:45 AM	3	79.0	0.50	21.8	C
7:45 AM	4	77.0	0.60	29.0	C
7:45 AM	5	75.0	0.60	28.0	C
7:45 AM	6	78.0	0.60	26.2	C
7:45 AM	7	87.0	0.60	25.6	C
7:45 AM	8	76.0	0.50	25.1	C
7:45 AM	9	79.0	0.50	24.7	C
7:45 AM	10	77.0	0.50	23.8	C
8:00 AM	1	79.0	0.50	23.2	C
8:00 AM	2	75.0	0.60	27.5	C
8:00 AM	3	83.0	0.50	22.1	C
8:00 AM	4	79.0	0.70	29.7	C
8:00 AM	5	79.0	0.50	24.6	C
8:00 AM	6	82.0	0.60	26.3	C
8:00 AM	7	77.0	0.50	22.8	C
8:00 AM	8	79.0	0.50	22.8	C
8:00 AM	9	79.0	0.60	25.9	C
8:00 AM	10	78.0	0.50	23.5	C

7:15 AM	Avg	79.1	0.53	24.1	C
7:30 AM	Avg	78.7	0.52	23.5	C
7:45 AM	Avg	79.1	0.54	25.0	C
8:00 AM	Avg	79.0	0.55	24.8	C

SB L on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	16.0	0.30	56.9	E
7:15 AM	2	17.0	0.30	58.1	E
7:15 AM	3	18.0	0.20	45.9	D
7:15 AM	4	14.0	0.20	47.0	D
7:15 AM	5	18.0	0.40	72.2	E
7:15 AM	6	18.0	0.40	81.1	F
7:15 AM	7	17.0	0.20	52.1	D
7:15 AM	8	17.0	0.20	44.2	D
7:15 AM	9	19.0	0.20	33.4	C
7:15 AM	10	15.0	0.20	36.8	D
7:30 AM	1	26.0	0.40	61.1	E
7:30 AM	2	24.0	0.50	74.5	E
7:30 AM	3	26.0	0.40	59.3	E
7:30 AM	4	30.0	0.80	94.0	F
7:30 AM	5	25.0	0.50	74.4	E
7:30 AM	6	26.0	0.40	49.9	D
7:30 AM	7	26.0	0.50	75.5	E
7:30 AM	8	26.0	0.60	80.7	F
7:30 AM	9	22.0	0.30	48.6	D
7:30 AM	10	28.0	0.50	66.2	E
7:45 AM	1	23.0	0.30	49.0	D
7:45 AM	2	27.0	1.10	148.2	F
7:45 AM	3	23.0	0.50	85.8	F
7:45 AM	4	23.0	0.20	38.5	D
7:45 AM	5	25.0	0.30	46.0	D
7:45 AM	6	20.0	0.30	48.9	D
7:45 AM	7	22.0	0.20	35.3	D
7:45 AM	8	23.0	0.50	84.4	F
7:45 AM	9	27.0	0.50	69.0	E
7:45 AM	10	24.0	0.30	47.0	D
8:00 AM	1	28.0	0.50	61.1	E
8:00 AM	2	24.0	0.70	98.8	F
8:00 AM	3	22.0	0.30	53.7	D
8:00 AM	4	27.0	0.70	91.7	F
8:00 AM	5	25.0	0.70	97.7	F
8:00 AM	6	27.0	0.50	70.3	E
8:00 AM	7	24.0	0.60	87.5	F
8:00 AM	8	26.0	0.50	69.0	E
8:00 AM	9	26.0	0.30	40.9	D
8:00 AM	10	23.0	0.30	48.7	D

7:15 AM	Avg	16.9	0.26	52.8	D
7:30 AM	Avg	25.9	0.49	68.4	E
7:45 AM	Avg	23.7	0.42	65.2	E
8:00 AM	Avg	25.2	0.51	71.9	E

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	34.0	0.20	22.1	C
7:15 AM	2	47.0	0.20	17.0	B
7:15 AM	3	35.0	0.30	29.8	C
7:15 AM	4	39.0	0.30	27.3	C
7:15 AM	5	43.0	0.30	22.7	C
7:15 AM	6	38.0	0.20	21.1	C
7:15 AM	7	35.0	0.30	28.9	C
7:15 AM	8	34.0	0.30	29.6	C
7:15 AM	9	41.0	0.10	12.6	B
7:15 AM	10	31.0	0.20	28.4	C
7:30 AM	1	56.0	0.50	29.4	C
7:30 AM	2	46.0	0.40	29.1	C
7:30 AM	3	54.0	0.30	21.0	C
7:30 AM	4	47.0	0.30	24.0	C
7:30 AM	5	51.0	0.40	27.0	C
7:30 AM	6	49.0	0.40	28.1	C
7:30 AM	7	52.0	0.30	20.4	C
7:30 AM	8	48.0	0.30	21.1	C
7:30 AM	9	47.0	0.50	36.6	D
7:30 AM	10	59.0	0.40	22.7	C
7:45 AM	1	48.0	0.30	22.9	C
7:45 AM	2	55.0	0.40	25.5	C
7:45 AM	3	50.0	0.50	33.9	C
7:45 AM	4	48.0	0.30	22.0	C
7:45 AM	5	51.0	0.40	26.2	C
7:45 AM	6	48.0	0.40	32.3	C
7:45 AM	7	57.0	0.30	20.0	B
7:45 AM	8	53.0	0.40	24.9	C
7:45 AM	9	54.0	0.40	26.6	C
7:45 AM	10	50.0	0.30	20.6	C
8:00 AM	1	61.0	0.50	29.2	C
8:00 AM	2	53.0	0.30	17.3	B
8:00 AM	3	50.0	0.40	27.6	C
8:00 AM	4	59.0	0.50	27.5	C
8:00 AM	5	60.0	0.40	21.4	C
8:00 AM	6	59.0	0.50	30.7	C
8:00 AM	7	53.0	0.40	24.9	C
8:00 AM	8	55.0	0.40	27.0	C
8:00 AM	9	50.0	0.30	20.2	C
8:00 AM	10	52.0	0.30	23.1	C
7:15 AM	Avg	37.7	0.24	24.0	C

7:30 AM	Avg	50.9	0.38	25.9	C
7:45 AM	Avg	51.4	0.37	25.5	C
8:00 AM	Avg	55.2	0.40	24.9	C

SB TR on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	38.0	0.30	26.1	C
7:15 AM	2	32.0	0.20	26.1	C
7:15 AM	3	42.0	0.30	25.1	C
7:15 AM	4	40.0	0.30	24.4	C
7:15 AM	5	38.0	0.20	20.7	C
7:15 AM	6	47.0	0.30	19.6	B
7:15 AM	7	45.0	0.30	25.5	C
7:15 AM	8	39.0	0.30	31.6	C
7:15 AM	9	34.0	0.20	17.5	B
7:15 AM	10	39.0	0.30	24.2	C
7:30 AM	1	58.0	0.40	27.3	C
7:30 AM	2	56.0	0.40	24.9	C
7:30 AM	3	58.0	0.30	19.8	B
7:30 AM	4	59.0	0.50	27.5	C
7:30 AM	5	51.0	0.30	24.2	C
7:30 AM	6	51.0	0.30	21.4	C
7:30 AM	7	48.0	0.30	21.1	C
7:30 AM	8	59.0	0.30	19.8	B
7:30 AM	9	59.0	0.60	35.8	D
7:30 AM	10	61.0	0.40	25.9	C
7:45 AM	1	55.0	0.30	21.3	C
7:45 AM	2	55.0	0.40	26.4	C
7:45 AM	3	57.0	0.40	26.9	C
7:45 AM	4	52.0	0.30	17.5	B
7:45 AM	5	59.0	0.40	24.7	C
7:45 AM	6	44.0	0.40	29.5	C
7:45 AM	7	51.0	0.30	24.5	C
7:45 AM	8	57.0	0.40	28.2	C
7:45 AM	9	54.0	0.40	26.0	C
7:45 AM	10	54.0	0.40	27.8	C
8:00 AM	1	50.0	0.50	39.2	D
8:00 AM	2	48.0	0.20	17.7	B
8:00 AM	3	47.0	0.40	31.6	C
8:00 AM	4	63.0	0.50	27.1	C
8:00 AM	5	52.0	0.40	25.5	C
8:00 AM	6	67.0	0.50	28.7	C
8:00 AM	7	51.0	0.30	24.5	C
8:00 AM	8	56.0	0.40	25.8	C
8:00 AM	9	54.0	0.30	21.7	C
8:00 AM	10	51.0	0.50	32.2	C
7:15 AM	Avg	39.4	0.27	24.1	C
7:30 AM	Avg	56.0	0.38	24.8	C

7:45 AM	Avg	53.8	0.37	25.3	C
8:00 AM	Avg	53.9	0.40	27.4	C

WB L on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	83.0	0.40	17.3	B
7:15 AM	2	77.0	0.50	23.1	C
7:15 AM	3	81.0	0.50	22.6	C
7:15 AM	4	82.0	0.50	20.4	C
7:15 AM	5	79.0	0.50	20.5	C
7:15 AM	6	84.0	0.50	23.1	C
7:15 AM	7	77.0	0.50	21.8	C
7:15 AM	8	78.0	0.50	23.4	C
7:15 AM	9	79.0	0.40	20.1	C
7:15 AM	10	81.0	0.40	17.8	B
7:30 AM	1	79.0	0.70	29.8	C
7:30 AM	2	77.0	0.60	27.1	C
7:30 AM	3	79.0	0.50	23.4	C
7:30 AM	4	79.0	0.50	23.6	C
7:30 AM	5	78.0	0.50	23.3	C
7:30 AM	6	76.0	0.50	23.2	C
7:30 AM	7	77.0	0.70	33.4	C
7:30 AM	8	79.0	0.70	30.5	C
7:30 AM	9	78.0	0.60	25.7	C
7:30 AM	10	74.0	0.90	42.2	D
7:45 AM	1	78.0	0.50	24.4	C
7:45 AM	2	83.0	0.70	32.3	C
7:45 AM	3	78.0	0.50	21.5	C
7:45 AM	4	72.0	0.70	37.2	D
7:45 AM	5	81.0	0.60	27.1	C
7:45 AM	6	80.0	0.40	17.7	B
7:45 AM	7	81.0	1.00	43.1	D
7:45 AM	8	80.0	0.60	26.5	C
7:45 AM	9	82.0	0.70	28.6	C
7:45 AM	10	82.0	0.80	34.4	C
8:00 AM	1	81.0	0.50	22.5	C
8:00 AM	2	80.0	0.60	25.1	C
8:00 AM	3	80.0	0.50	20.6	C
8:00 AM	4	88.0	0.80	33.8	C
8:00 AM	5	81.0	0.50	23.7	C
8:00 AM	6	82.0	0.70	30.0	C
8:00 AM	7	84.0	0.90	39.3	D
8:00 AM	8	77.0	0.90	42.4	D
8:00 AM	9	77.0	0.40	20.1	C
8:00 AM	10	82.0	0.80	35.2	D
7:15 AM	Avg	80.1	0.47	21.0	C
7:30 AM	Avg	77.6	0.62	28.2	C
7:45 AM	Avg	79.7	0.65	29.3	C

8:00 AM	Avg	81.2	0.66	29.3	C

WB R on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	46.0	0.00	3.7	A
7:15 AM	2	42.0	0.00	3.3	A
7:15 AM	3	40.0	0.00	1.8	A
7:15 AM	4	43.0	0.00	2.4	A
7:15 AM	5	42.0	0.00	2.7	A
7:15 AM	6	44.0	0.00	2.8	A
7:15 AM	7	42.0	0.00	2.3	A
7:15 AM	8	42.0	0.00	2.4	A
7:15 AM	9	42.0	0.00	3.0	A
7:15 AM	10	42.0	0.10	4.6	A
7:30 AM	1	43.0	0.00	2.2	A
7:30 AM	2	44.0	0.00	1.6	A
7:30 AM	3	41.0	0.00	2.2	A
7:30 AM	4	44.0	0.00	1.4	A
7:30 AM	5	41.0	0.00	2.4	A
7:30 AM	6	42.0	0.00	3.6	A
7:30 AM	7	43.0	0.00	2.1	A
7:30 AM	8	44.0	0.00	1.6	A
7:30 AM	9	42.0	0.00	2.4	A
7:30 AM	10	43.0	0.00	2.7	A
7:45 AM	1	43.0	0.10	4.3	A
7:45 AM	2	41.0	0.00	2.5	A
7:45 AM	3	45.0	0.00	2.4	A
7:45 AM	4	40.0	0.00	2.8	A
7:45 AM	5	44.0	0.00	2.3	A
7:45 AM	6	43.0	0.00	2.0	A
7:45 AM	7	42.0	0.00	2.6	A
7:45 AM	8	44.0	0.00	2.7	A
7:45 AM	9	43.0	0.00	2.1	A
7:45 AM	10	42.0	0.00	2.5	A
8:00 AM	1	42.0	0.00	2.3	A
8:00 AM	2	43.0	0.00	2.4	A
8:00 AM	3	43.0	0.00	3.0	A
8:00 AM	4	45.0	0.00	3.0	A
8:00 AM	5	42.0	0.00	2.6	A
8:00 AM	6	41.0	0.00	2.5	A
8:00 AM	7	42.0	0.10	4.4	A
8:00 AM	8	39.0	0.00	2.5	A
8:00 AM	9	43.0	0.00	3.0	A
8:00 AM	10	43.0	0.00	3.7	A
7:15 AM	Avg	42.5	0.01	2.9	A
7:30 AM	Avg	42.7	0.00	2.2	A
7:45 AM	Avg	42.7	0.01	2.6	A
8:00 AM	Avg	42.3	0.01	2.9	A

WB T on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	50.0	0.10	8.8	A
7:15 AM	2	53.0	0.20	13.3	B
7:15 AM	3	49.0	0.10	6.3	A
7:15 AM	4	47.0	0.10	5.2	A
7:15 AM	5	48.0	0.10	5.8	A
7:15 AM	6	50.0	0.10	7.5	A
7:15 AM	7	50.0	0.10	8.1	A
7:15 AM	8	50.0	0.10	5.6	A
7:15 AM	9	51.0	0.10	8.6	A
7:15 AM	10	50.0	0.10	8.6	A
7:30 AM	1	48.0	0.10	9.0	A
7:30 AM	2	48.0	0.10	8.6	A
7:30 AM	3	51.0	0.10	7.9	A
7:30 AM	4	51.0	0.10	9.6	A
7:30 AM	5	51.0	0.10	9.7	A
7:30 AM	6	52.0	0.20	10.8	B
7:30 AM	7	50.0	0.10	6.6	A
7:30 AM	8	50.0	0.10	6.0	A
7:30 AM	9	50.0	0.20	11.8	B
7:30 AM	10	51.0	0.10	9.7	A
7:45 AM	1	54.0	0.20	12.4	B
7:45 AM	2	51.0	0.10	6.9	A
7:45 AM	3	50.0	0.10	7.9	A
7:45 AM	4	45.0	0.10	5.9	A
7:45 AM	5	50.0	0.10	7.5	A
7:45 AM	6	50.0	0.10	8.4	A
7:45 AM	7	50.0	0.10	9.6	A
7:45 AM	8	50.0	0.10	10.4	B
7:45 AM	9	50.0	0.20	11.0	B
7:45 AM	10	47.0	0.10	7.7	A
8:00 AM	1	49.0	0.00	3.6	A
8:00 AM	2	50.0	0.10	8.9	A
8:00 AM	3	49.0	0.10	9.6	A
8:00 AM	4	54.0	0.10	6.6	A
8:00 AM	5	52.0	0.20	12.9	B
8:00 AM	6	50.0	0.20	10.9	B
8:00 AM	7	52.0	0.10	10.1	B
8:00 AM	8	49.0	0.10	9.7	A
8:00 AM	9	50.0	0.10	8.9	A
8:00 AM	10	52.0	0.10	8.0	A
7:15 AM	Avg	49.8	0.11	7.8	A
7:30 AM	Avg	50.2	0.12	9.0	A
7:45 AM	Avg	49.7	0.12	8.8	A
8:00 AM	Avg	50.7	0.11	8.9	A

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	1	67.0	0.80	44.5	D
7:15 AM	2	68.0	0.80	41.6	D
7:15 AM	3	70.0	0.80	42.6	D
7:15 AM	4	67.0	0.70	37.5	D
7:15 AM	5	69.0	0.80	41.1	D
7:15 AM	6	69.0	0.80	39.8	D
7:15 AM	7	71.0	0.80	41.9	D
7:15 AM	8	68.0	0.80	44.7	D
7:15 AM	9	70.0	0.80	41.0	D
7:15 AM	10	67.0	0.80	41.9	D
7:30 AM	1	72.0	0.80	39.8	D
7:30 AM	2	70.0	0.80	39.9	D
7:30 AM	3	70.0	0.90	44.8	D
7:30 AM	4	70.0	0.80	42.9	D
7:30 AM	5	71.0	0.80	41.7	D
7:30 AM	6	70.0	0.80	41.0	D
7:30 AM	7	72.0	0.80	38.4	D
7:30 AM	8	73.0	0.90	43.4	D
7:30 AM	9	70.0	0.80	42.8	D
7:30 AM	10	72.0	0.80	37.7	D
7:45 AM	1	70.0	0.80	41.1	D
7:45 AM	2	74.0	0.80	40.3	D
7:45 AM	3	72.0	0.80	39.8	D
7:45 AM	4	75.0	0.80	39.4	D
7:45 AM	5	74.0	0.80	41.3	D
7:45 AM	6	73.0	0.80	39.6	D
7:45 AM	7	73.0	0.80	40.2	D
7:45 AM	8	70.0	0.80	41.1	D
7:45 AM	9	72.0	0.90	43.6	D
7:45 AM	10	72.0	0.90	42.8	D
8:00 AM	1	74.0	0.80	41.0	D
8:00 AM	2	72.0	0.80	40.8	D
8:00 AM	3	74.0	0.80	41.1	D
8:00 AM	4	68.0	0.80	40.6	D
8:00 AM	5	72.0	0.80	40.7	D
8:00 AM	6	75.0	0.90	42.6	D
8:00 AM	7	70.0	0.80	42.0	D
8:00 AM	8	75.0	0.80	39.4	D
8:00 AM	9	73.0	0.80	40.5	D
8:00 AM	10	72.0	0.80	41.5	D
7:15 AM	Avg	68.6	0.79	41.6	D
7:30 AM	Avg	71.0	0.82	41.2	D
7:45 AM	Avg	72.5	0.82	40.9	D

8:00 AM	Avg	72.5	0.81	41.0	D

EB R on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	4.0	0.00	0.3	A
7:15 AM	2	5.0	0.00	0.1	A
7:15 AM	3	5.0	0.00	0.0	A
7:15 AM	4	6.0	0.00	0.6	A
7:15 AM	5	6.0	0.00	0.0	A
7:15 AM	6	4.0	0.00	0.5	A
7:15 AM	7	3.0	0.00	0.0	A
7:15 AM	8	3.0	0.00	0.0	A
7:15 AM	9	3.0	0.00	0.4	A
7:15 AM	10	3.0	0.00	0.0	A
7:30 AM	1	6.0	0.00	0.0	A
7:30 AM	2	5.0	0.00	0.4	A
7:30 AM	3	6.0	0.00	0.4	A
7:30 AM	4	4.0	0.00	0.0	A
7:30 AM	5	6.0	0.00	0.3	A
7:30 AM	6	4.0	0.00	0.0	A
7:30 AM	7	5.0	0.00	0.0	A
7:30 AM	8	6.0	0.00	2.2	A
7:30 AM	9	6.0	0.00	0.9	A
7:30 AM	10	5.0	0.00	1.1	A
7:45 AM	1	5.0	0.00	0.0	A
7:45 AM	2	5.0	0.00	0.0	A
7:45 AM	3	2.0	0.00	0.0	A
7:45 AM	4	5.0	0.00	0.8	A
7:45 AM	5	3.0	0.00	0.0	A
7:45 AM	6	5.0	0.00	0.0	A
7:45 AM	7	7.0	0.00	0.4	A
7:45 AM	8	5.0	0.00	0.0	A
7:45 AM	9	6.0	0.00	1.4	A
7:45 AM	10	4.0	0.00	0.7	A
8:00 AM	1	6.0	0.00	0.6	A
8:00 AM	2	5.0	0.00	0.0	A
8:00 AM	3	4.0	0.00	1.2	A
8:00 AM	4	6.0	0.00	0.0	A
8:00 AM	5	4.0	0.00	0.0	A
8:00 AM	6	5.0	0.00	0.7	A
8:00 AM	7	4.0	0.00	0.0	A
8:00 AM	8	4.0	0.00	1.1	A
8:00 AM	9	4.0	0.00	0.0	A
8:00 AM	10	5.0	0.00	0.0	A
7:15 AM	Avg	4.2	0.00	0.2	A
7:30 AM	Avg	5.3	0.00	0.5	A
7:45 AM	Avg	4.7	0.00	0.3	A
8:00 AM	Avg	4.7	0.00	0.4	A

EB T on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	99.0	0.10	2.7	A
7:15 AM	2	101.0	0.10	3.2	A
7:15 AM	3	99.0	0.10	2.4	A
7:15 AM	4	99.0	0.10	2.2	A
7:15 AM	5	97.0	0.10	2.0	A
7:15 AM	6	100.0	0.10	2.5	A
7:15 AM	7	102.0	0.10	2.4	A
7:15 AM	8	101.0	0.00	1.6	A
7:15 AM	9	100.0	0.10	1.9	A
7:15 AM	10	99.0	0.10	1.9	A
7:30 AM	1	106.0	0.10	2.2	A
7:30 AM	2	105.0	0.10	3.2	A
7:30 AM	3	106.0	0.10	2.4	A
7:30 AM	4	101.0	0.10	2.7	A
7:30 AM	5	110.0	0.10	2.6	A
7:30 AM	6	104.0	0.10	2.5	A
7:30 AM	7	103.0	0.10	1.9	A
7:30 AM	8	107.0	0.10	3.2	A
7:30 AM	9	103.0	0.10	2.2	A
7:30 AM	10	108.0	0.10	2.6	A
7:45 AM	1	104.0	0.10	2.4	A
7:45 AM	2	106.0	0.10	1.8	A
7:45 AM	3	105.0	0.10	4.1	A
7:45 AM	4	110.0	0.10	1.9	A
7:45 AM	5	105.0	0.10	1.8	A
7:45 AM	6	103.0	0.10	3.0	A
7:45 AM	7	104.0	0.10	2.9	A
7:45 AM	8	102.0	0.10	3.1	A
7:45 AM	9	109.0	0.10	1.8	A
7:45 AM	10	103.0	0.10	2.4	A
8:00 AM	1	106.0	0.10	2.5	A
8:00 AM	2	104.0	0.10	3.5	A
8:00 AM	3	104.0	0.10	2.2	A
8:00 AM	4	98.0	0.10	2.7	A
8:00 AM	5	103.0	0.10	1.9	A
8:00 AM	6	108.0	0.10	2.0	A
8:00 AM	7	103.0	0.10	3.2	A
8:00 AM	8	109.0	0.10	2.3	A
8:00 AM	9	105.0	0.10	3.1	A
8:00 AM	10	106.0	0.10	2.5	A
7:15 AM	Avg	99.7	0.09	2.3	A
7:30 AM	Avg	105.3	0.10	2.5	A
7:45 AM	Avg	105.1	0.10	2.5	A
8:00 AM	Avg	104.6	0.10	2.6	A

NB L on [Unnamed Street]: Superlink ID 55106

7:15 AM	1	3.0	0.00	39.9	D
7:15 AM	2	4.0	0.10	50.5	D
7:15 AM	3	2.0	0.00	54.2	D
7:15 AM	4	2.0	0.00	30.4	C
7:15 AM	5	2.0	0.00	42.8	D
7:15 AM	6	2.0	0.00	58.3	E
7:15 AM	7	3.0	0.00	58.3	E
7:15 AM	8	2.0	0.00	43.6	D
7:15 AM	9	3.0	0.00	39.4	D
7:15 AM	10	4.0	0.00	38.2	D
7:30 AM	1	2.0	0.00	44.4	D
7:30 AM	2	2.0	0.00	68.9	E
7:30 AM	3	2.0	0.00	42.7	D
7:30 AM	4	3.0	0.00	34.4	C
7:30 AM	5	2.0	0.00	61.4	E
7:30 AM	6	3.0	0.00	41.0	D
7:30 AM	7	2.0	0.00	37.8	D
7:30 AM	8	2.0	0.00	58.6	E
7:30 AM	9	3.0	0.00	29.0	C
7:30 AM	10	2.0	0.00	14.9	B
7:45 AM	1	2.0	0.00	56.9	E
7:45 AM	2	1.0	0.00	65.9	E
7:45 AM	3	3.0	0.00	35.3	D
7:45 AM	4	1.0	0.00	38.8	D
7:45 AM	5	4.0	0.10	58.7	E
7:45 AM	6	1.0	0.00	73.4	E
7:45 AM	7	3.0	0.00	42.8	D
7:45 AM	8	4.0	0.10	56.9	E
7:45 AM	9	1.0	0.00	26.0	C
7:45 AM	10	1.0	0.00	69.8	E
8:00 AM	1	3.0	0.00	38.8	D
8:00 AM	2	3.0	0.00	30.9	C
8:00 AM	3	1.0	0.00	13.1	B
8:00 AM	4	3.0	0.00	16.1	B
8:00 AM	5	2.0	0.00	49.1	D
8:00 AM	6	4.0	0.00	40.6	D
8:00 AM	7	3.0	0.00	52.3	D
8:00 AM	8	2.0	0.00	28.7	C
8:00 AM	9	4.0	0.10	68.9	E
8:00 AM	10	4.0	0.00	38.9	D
7:15 AM	Avg	2.7	0.01	45.6	D
7:30 AM	Avg	2.3	0.00	43.3	D
7:45 AM	Avg	2.1	0.02	52.4	D
8:00 AM	Avg	2.9	0.01	37.7	D

NB TR on [Unnamed Street]: Superlink ID 55106

7:15 AM	1	35.0	0.30	32.2	C
7:15 AM	2	33.0	0.30	29.1	C
7:15 AM	3	33.0	0.30	27.5	C
7:15 AM	4	35.0	0.30	26.5	C
7:15 AM	5	35.0	0.20	24.1	C
7:15 AM	6	33.0	0.20	23.8	C
7:15 AM	7	35.0	0.30	28.8	C
7:15 AM	8	35.0	0.30	33.1	C
7:15 AM	9	35.0	0.30	30.2	C
7:15 AM	10	35.0	0.30	35.2	D
7:30 AM	1	36.0	0.30	27.6	C
7:30 AM	2	35.0	0.40	39.1	D
7:30 AM	3	35.0	0.30	35.0	D
7:30 AM	4	36.0	0.30	33.6	C
7:30 AM	5	37.0	0.30	31.1	C
7:30 AM	6	35.0	0.30	35.2	D
7:30 AM	7	35.0	0.30	28.4	C
7:30 AM	8	35.0	0.30	30.3	C
7:30 AM	9	35.0	0.30	32.5	C
7:30 AM	10	35.0	0.30	29.7	C
7:45 AM	1	34.0	0.30	28.3	C
7:45 AM	2	35.0	0.30	29.7	C
7:45 AM	3	36.0	0.40	35.1	D
7:45 AM	4	33.0	0.30	33.9	C
7:45 AM	5	33.0	0.20	26.9	C
7:45 AM	6	35.0	0.30	29.1	C
7:45 AM	7	34.0	0.30	27.6	C
7:45 AM	8	35.0	0.30	28.2	C
7:45 AM	9	34.0	0.30	30.4	C
7:45 AM	10	37.0	0.30	31.6	C
8:00 AM	1	35.0	0.30	29.5	C
8:00 AM	2	35.0	0.40	36.4	D
8:00 AM	3	34.0	0.30	32.1	C
8:00 AM	4	35.0	0.40	38.8	D
8:00 AM	5	37.0	0.30	33.0	C
8:00 AM	6	35.0	0.30	32.3	C
8:00 AM	7	35.0	0.30	34.1	C
8:00 AM	8	35.0	0.30	30.0	C
8:00 AM	9	35.0	0.40	40.4	D
8:00 AM	10	34.0	0.30	31.2	C
7:15 AM	Avg	34.4	0.28	29.0	C
7:30 AM	Avg	35.4	0.31	32.2	C
7:45 AM	Avg	34.6	0.30	30.1	C
8:00 AM	Avg	35.0	0.33	33.8	C

SB L on [Unnamed Street]: Superlink ID 55104

7:15 AM	1	8.0	0.10	52.0	D
7:15 AM	2	8.0	0.10	41.5	D
7:15 AM	3	9.0	0.10	46.9	D
7:15 AM	4	7.0	0.10	36.9	D
7:15 AM	5	7.0	0.10	48.9	D
7:15 AM	6	7.0	0.10	29.3	C
7:15 AM	7	7.0	0.10	47.6	D
7:15 AM	8	8.0	0.10	45.9	D
7:15 AM	9	8.0	0.10	38.2	D
7:15 AM	10	7.0	0.10	33.9	C
7:30 AM	1	7.0	0.10	38.3	D
7:30 AM	2	8.0	0.10	39.6	D
7:30 AM	3	8.0	0.10	55.8	E
7:30 AM	4	8.0	0.10	46.5	D
7:30 AM	5	7.0	0.10	39.7	D
7:30 AM	6	8.0	0.10	36.6	D
7:30 AM	7	8.0	0.10	30.3	C
7:30 AM	8	7.0	0.10	35.9	D
7:30 AM	9	7.0	0.10	48.0	D
7:30 AM	10	7.0	0.10	44.6	D
7:45 AM	1	8.0	0.10	60.6	E
7:45 AM	2	7.0	0.10	41.5	D
7:45 AM	3	7.0	0.10	29.1	C
7:45 AM	4	7.0	0.10	32.8	C
7:45 AM	5	8.0	0.10	51.8	D
7:45 AM	6	7.0	0.10	54.6	D
7:45 AM	7	7.0	0.10	38.9	D
7:45 AM	8	8.0	0.10	50.4	D
7:45 AM	9	8.0	0.10	46.4	D
7:45 AM	10	8.0	0.10	50.6	D
8:00 AM	1	7.0	0.10	41.5	D
8:00 AM	2	8.0	0.10	32.9	C
8:00 AM	3	7.0	0.10	47.7	D
8:00 AM	4	7.0	0.10	58.2	E
8:00 AM	5	7.0	0.10	41.9	D
8:00 AM	6	8.0	0.10	51.6	D
8:00 AM	7	8.0	0.10	44.6	D
8:00 AM	8	7.0	0.10	46.1	D
8:00 AM	9	7.0	0.10	55.2	E
8:00 AM	10	7.0	0.10	54.2	D
7:15 AM	Avg	7.6	0.10	42.1	D
7:30 AM	Avg	7.5	0.10	41.5	D
7:45 AM	Avg	7.5	0.10	45.7	D
8:00 AM	Avg	7.3	0.10	47.4	D

SB R on [Unnamed Street]: Superlink ID 55104

7:15 AM	1	55.0	0.20	9.9	A

7:15 AM	2	58.0	0.20	11.4	B
7:15 AM	3	55.0	0.20	12.4	B
7:15 AM	4	52.0	0.10	8.3	A
7:15 AM	5	55.0	0.20	12.8	B
7:15 AM	6	57.0	0.10	8.6	A
7:15 AM	7	54.0	0.10	9.9	A
7:15 AM	8	54.0	0.20	11.6	B
7:15 AM	9	55.0	0.10	8.5	A
7:15 AM	10	55.0	0.20	10.9	B
7:30 AM	1	56.0	0.20	11.3	B
7:30 AM	2	55.0	0.10	8.6	A
7:30 AM	3	54.0	0.20	10.7	B
7:30 AM	4	56.0	0.10	8.4	A
7:30 AM	5	54.0	0.10	9.5	A
7:30 AM	6	54.0	0.20	12.4	B
7:30 AM	7	55.0	0.10	9.7	A
7:30 AM	8	57.0	0.10	8.9	A
7:30 AM	9	56.0	0.10	9.3	A
7:30 AM	10	54.0	0.20	11.1	B
7:45 AM	1	55.0	0.20	9.9	A
7:45 AM	2	55.0	0.10	9.4	A
7:45 AM	3	55.0	0.10	7.9	A
7:45 AM	4	55.0	0.10	8.2	A
7:45 AM	5	56.0	0.20	10.3	B
7:45 AM	6	54.0	0.10	7.4	A
7:45 AM	7	55.0	0.10	8.3	A
7:45 AM	8	55.0	0.20	11.2	B
7:45 AM	9	54.0	0.20	11.5	B
7:45 AM	10	55.0	0.20	9.9	A
8:00 AM	1	55.0	0.10	9.1	A
8:00 AM	2	54.0	0.20	11.4	B
8:00 AM	3	54.0	0.10	9.9	A
8:00 AM	4	56.0	0.20	10.5	B
8:00 AM	5	55.0	0.10	8.3	A
8:00 AM	6	53.0	0.20	10.6	B
8:00 AM	7	55.0	0.10	9.2	A
8:00 AM	8	49.0	0.10	10.2	B
8:00 AM	9	56.0	0.10	9.3	A
8:00 AM	10	54.0	0.20	10.1	B
7:15 AM	Avg	55.0	0.16	10.4	B
7:30 AM	Avg	55.1	0.14	10.0	A
7:45 AM	Avg	54.9	0.15	9.4	A
8:00 AM	Avg	54.1	0.14	9.8	A

SB T on [Unnamed Street]: Superlink ID 55104

7:15 AM	1	30.0	0.30	35.7	D
7:15 AM	2	31.0	0.30	30.3	C

7:15 AM	3	30.0	0.30	32.4	C
7:15 AM	4	30.0	0.30	30.2	C
7:15 AM	5	30.0	0.20	28.3	C
7:15 AM	6	30.0	0.20	29.4	C
7:15 AM	7	29.0	0.30	35.1	D
7:15 AM	8	29.0	0.30	36.5	D
7:15 AM	9	30.0	0.30	32.0	C
7:15 AM	10	30.0	0.30	36.1	D
7:30 AM	1	30.0	0.30	33.0	C
7:30 AM	2	30.0	0.30	30.5	C
7:30 AM	3	30.0	0.30	32.4	C
7:30 AM	4	30.0	0.30	32.2	C
7:30 AM	5	30.0	0.30	31.6	C
7:30 AM	6	30.0	0.30	31.3	C
7:30 AM	7	30.0	0.30	33.0	C
7:30 AM	8	31.0	0.30	35.7	D
7:30 AM	9	31.0	0.30	31.0	C
7:30 AM	10	30.0	0.20	28.4	C
7:45 AM	1	30.0	0.30	31.8	C
7:45 AM	2	29.0	0.30	34.8	C
7:45 AM	3	30.0	0.30	32.0	C
7:45 AM	4	30.0	0.30	30.1	C
7:45 AM	5	30.0	0.30	38.0	D
7:45 AM	6	30.0	0.30	30.9	C
7:45 AM	7	30.0	0.30	32.3	C
7:45 AM	8	30.0	0.30	30.9	C
7:45 AM	9	29.0	0.20	30.7	C
7:45 AM	10	30.0	0.30	32.2	C
8:00 AM	1	30.0	0.30	30.7	C
8:00 AM	2	30.0	0.30	31.1	C
8:00 AM	3	30.0	0.30	32.3	C
8:00 AM	4	30.0	0.30	33.1	C
8:00 AM	5	30.0	0.30	30.6	C
8:00 AM	6	30.0	0.30	31.2	C
8:00 AM	7	30.0	0.30	36.5	D
8:00 AM	8	30.0	0.30	33.2	C
8:00 AM	9	30.0	0.30	30.4	C
8:00 AM	10	30.0	0.30	35.2	D
7:15 AM	Avg	29.9	0.28	32.6	C
7:30 AM	Avg	30.2	0.29	31.9	C
7:45 AM	Avg	29.8	0.29	32.4	C
8:00 AM	Avg	30.0	0.30	32.4	C

WB L on LAKE AVE NW: Superlink ID 55105

7:15 AM	1	15.0	0.20	44.1	D
7:15 AM	2	15.0	0.20	46.5	D
7:15 AM	3	15.0	0.20	40.7	D

7:15 AM	4	15.0	0.20	55.4	E
7:15 AM	5	14.0	0.20	52.6	D
7:15 AM	6	15.0	0.20	50.8	D
7:15 AM	7	15.0	0.20	48.9	D
7:15 AM	8	14.0	0.20	50.2	D
7:15 AM	9	15.0	0.20	44.4	D
7:15 AM	10	15.0	0.20	38.1	D
7:30 AM	1	15.0	0.20	50.3	D
7:30 AM	2	16.0	0.20	47.4	D
7:30 AM	3	15.0	0.20	47.3	D
7:30 AM	4	15.0	0.20	46.7	D
7:30 AM	5	15.0	0.20	43.6	D
7:30 AM	6	14.0	0.20	44.9	D
7:30 AM	7	16.0	0.20	39.0	D
7:30 AM	8	15.0	0.20	42.0	D
7:30 AM	9	14.0	0.20	42.0	D
7:30 AM	10	15.0	0.20	36.5	D
7:45 AM	1	15.0	0.20	37.9	D
7:45 AM	2	15.0	0.20	49.8	D
7:45 AM	3	15.0	0.20	45.2	D
7:45 AM	4	15.0	0.20	42.4	D
7:45 AM	5	16.0	0.20	43.9	D
7:45 AM	6	15.0	0.20	41.4	D
7:45 AM	7	15.0	0.20	42.7	D
7:45 AM	8	15.0	0.20	42.9	D
7:45 AM	9	16.0	0.20	46.0	D
7:45 AM	10	14.0	0.20	45.1	D
8:00 AM	1	15.0	0.20	40.6	D
8:00 AM	2	14.0	0.10	27.2	C
8:00 AM	3	14.0	0.10	36.2	D
8:00 AM	4	15.0	0.20	46.2	D
8:00 AM	5	15.0	0.20	41.7	D
8:00 AM	6	16.0	0.20	47.0	D
8:00 AM	7	15.0	0.20	49.3	D
8:00 AM	8	15.0	0.20	58.2	E
8:00 AM	9	14.0	0.20	40.1	D
8:00 AM	10	15.0	0.20	41.0	D
7:15 AM	Avg	14.8	0.20	47.2	D
7:30 AM	Avg	15.0	0.20	44.0	D
7:45 AM	Avg	15.1	0.20	43.7	D
8:00 AM	Avg	14.8	0.18	42.8	D

WB TR on LAKE AVE NW: Superlink ID 55105

7:15 AM	1	120.0	0.60	18.0	B
7:15 AM	2	117.0	0.50	15.0	B
7:15 AM	3	120.0	0.50	15.9	B
7:15 AM	4	121.0	0.60	16.9	B

7:15 AM	5	118.0	0.50	16.1	B
7:15 AM	6	120.0	0.60	18.4	B
7:15 AM	7	119.0	0.60	17.7	B
7:15 AM	8	121.0	0.60	16.5	B
7:15 AM	9	121.0	0.50	15.4	B
7:15 AM	10	121.0	0.60	17.7	B
7:30 AM	1	120.0	0.60	18.4	B
7:30 AM	2	120.0	0.60	17.5	B
7:30 AM	3	120.0	0.50	14.1	B
7:30 AM	4	119.0	0.50	16.4	B
7:30 AM	5	120.0	0.60	17.7	B
7:30 AM	6	122.0	0.60	17.5	B
7:30 AM	7	121.0	0.60	17.1	B
7:30 AM	8	121.0	0.50	15.5	B
7:30 AM	9	120.0	0.60	17.5	B
7:30 AM	10	120.0	0.60	18.9	B
7:45 AM	1	121.0	0.50	16.4	B
7:45 AM	2	121.0	0.60	16.8	B
7:45 AM	3	121.0	0.60	16.4	B
7:45 AM	4	113.0	0.70	21.7	C
7:45 AM	5	121.0	0.50	15.8	B
7:45 AM	6	120.0	0.60	17.7	B
7:45 AM	7	118.0	0.70	22.9	C
7:45 AM	8	120.0	0.60	19.2	B
7:45 AM	9	121.0	0.50	14.8	B
7:45 AM	10	119.0	0.80	23.6	C
8:00 AM	1	120.0	0.60	16.6	B
8:00 AM	2	121.0	0.50	15.5	B
8:00 AM	3	118.0	0.50	16.0	B
8:00 AM	4	128.0	0.70	20.9	C
8:00 AM	5	120.0	0.50	16.4	B
8:00 AM	6	121.0	0.50	14.9	B
8:00 AM	7	122.0	0.80	23.5	C
8:00 AM	8	119.0	1.00	29.7	C
8:00 AM	9	118.0	0.60	17.5	B
8:00 AM	10	121.0	0.50	14.5	B
7:15 AM	Avg	119.8	0.56	16.7	B
7:30 AM	Avg	120.3	0.57	17.1	B
7:45 AM	Avg	119.5	0.61	18.5	B
8:00 AM	Avg	120.8	0.62	18.6	B

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.0	0.1	0.1	10
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM	1.3	0.2	1.1	1.8	10
7:30 AM	1.7	0.5	1.2	2.5	10
7:45 AM	1.7	0.7	1.1	2.9	10
8:00 AM	1.4	0.6	1.0	2.9	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.0	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	0.4	0.1	0.3	0.5	10
7:30 AM	0.4	0.1	0.3	0.6	10
7:45 AM	0.4	0.0	0.4	0.4	10
8:00 AM	0.4	0.1	0.4	0.5	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	0.5	0.0	0.5	0.6	10
7:30 AM	0.5	0.1	0.4	0.6	10
7:45 AM	0.5	0.1	0.5	0.6	10
8:00 AM	0.6	0.1	0.5	0.7	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.5	0.1	0.3	0.8	10
7:45 AM	0.4	0.3	0.2	1.1	10
8:00 AM	0.5	0.2	0.3	0.7	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.4	0.1	0.3	0.5	10
7:45 AM	0.4	0.1	0.3	0.5	10
8:00 AM	0.4	0.1	0.3	0.5	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.3	0.0	0.2	0.3	10
7:30 AM	0.4	0.1	0.3	0.6	10
7:45 AM	0.4	0.0	0.3	0.4	10
8:00 AM	0.4	0.1	0.2	0.5	10
WB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.5	0.0	0.4	0.5	10
7:30 AM	0.6	0.1	0.5	0.9	10
7:45 AM	0.7	0.2	0.4	1.0	10
8:00 AM	0.7	0.2	0.4	0.9	10
WB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.1	10
WB T on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.1	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.8	0.0	0.7	0.8	10
7:30 AM	0.8	0.0	0.8	0.9	10
7:45 AM	0.8	0.0	0.8	0.9	10
8:00 AM	0.8	0.0	0.8	0.9	10
EB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
NB L on [Unnamed Street]: Superlink ID 55106					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.1	10
NB TR on [Unnamed Street]: Superlink ID 55106					
7:15 AM	0.3	0.0	0.2	0.3	10
7:30 AM	0.3	0.0	0.3	0.4	10
7:45 AM	0.3	0.0	0.2	0.4	10
8:00 AM	0.3	0.0	0.3	0.4	10
SB L on [Unnamed Street]: Superlink ID 55104					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10
SB R on [Unnamed Street]: Superlink ID 55104					
7:15 AM	0.2	0.1	0.1	0.2	10
7:30 AM	0.1	0.1	0.1	0.2	10
7:45 AM	0.2	0.1	0.1	0.2	10
8:00 AM	0.1	0.1	0.1	0.2	10
SB T on [Unnamed Street]: Superlink ID 55104					
7:15 AM	0.3	0.0	0.2	0.3	10
7:30 AM	0.3	0.0	0.2	0.3	10
7:45 AM	0.3	0.0	0.2	0.3	10
8:00 AM	0.3	0.0	0.3	0.3	10
WB L on LAKE AVE NW: Superlink ID 55105					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.0	0.2	0.2	10
7:45 AM	0.2	0.0	0.2	0.2	10
8:00 AM	0.2	0.0	0.1	0.2	10
WB TR on LAKE AVE NW: Superlink ID 55105					
7:15 AM	0.6	0.1	0.5	0.6	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW: Superlink ID 55105					
7:30 AM	0.6	0.0	0.5	0.6	10
7:45 AM	0.6	0.1	0.5	0.8	10
8:00 AM	0.6	0.2	0.5	1.0	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
7:15 AM	54.4	15.2	31.3	84.4	10
7:30 AM	64.7	23.0	29.7	100.6	10
7:45 AM	55.2	30.8	8.2	109.8	10
8:00 AM	60.5	20.5	40.2	109.7	10
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM	45.9	7.8	40.8	65.0	10
7:30 AM	59.0	17.7	39.6	88.8	10
7:45 AM	57.7	20.4	38.0	97.6	10
8:00 AM	49.6	24.3	32.1	115.6	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	54.8	8.3	35.6	63.8	10
7:30 AM	54.9	8.1	42.6	64.9	10
7:45 AM	56.7	9.9	39.4	69.5	10
8:00 AM	54.8	9.1	38.9	64.4	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	27.6	3.3	23.3	35.3	10
7:30 AM	28.1	3.8	21.3	34.7	10
7:45 AM	27.9	1.7	25.6	31.4	10
8:00 AM	29.4	3.2	24.3	34.6	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	24.1	3.4	20.2	31.2	10
7:30 AM	23.5	2.7	20.6	27.9	10
7:45 AM	25.0	2.3	21.8	29.0	10
8:00 AM	24.8	2.4	22.1	29.7	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	52.8	14.9	33.4	81.1	10
7:30 AM	68.4	14.2	48.6	94.0	10
7:45 AM	65.2	34.2	35.3	148.2	10
8:00 AM	71.9	21.0	40.9	98.8	10

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	24.0	5.9	12.6	29.8	10
7:30 AM	25.9	5.1	20.4	36.6	10
7:45 AM	25.5	4.6	20.0	33.9	10
8:00 AM	24.9	4.3	17.3	30.7	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	24.1	4.0	17.5	31.6	10
7:30 AM	24.8	4.8	19.8	35.8	10
7:45 AM	25.3	3.6	17.5	29.5	10
8:00 AM	27.4	6.0	17.7	39.2	10
WB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	21.0	2.2	17.3	23.4	10
7:30 AM	28.2	6.1	23.2	42.2	10
7:45 AM	29.3	7.6	17.7	43.1	10
8:00 AM	29.3	8.1	20.1	42.4	10
WB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	2.9	0.8	1.8	4.6	10
7:30 AM	2.2	0.6	1.4	3.6	10
7:45 AM	2.6	0.7	2.0	4.3	10
8:00 AM	2.9	0.7	2.3	4.4	10
WB T on LAKE AVE NW: Superlink ID 52038					
7:15 AM	7.8	2.4	5.2	13.3	10
7:30 AM	9.0	1.8	6.0	11.8	10
7:45 AM	8.8	2.0	5.9	12.4	10
8:00 AM	8.9	2.5	3.6	12.9	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	41.6	2.1	37.5	44.7	10
7:30 AM	41.2	2.3	37.7	44.8	10
7:45 AM	40.9	1.4	39.4	43.6	10
8:00 AM	41.0	0.9	39.4	42.6	10
EB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.2	0.2	0.0	0.6	10
7:30 AM	0.5	0.7	0.0	2.2	10
7:45 AM	0.3	0.5	0.0	1.4	10
8:00 AM	0.4	0.5	0.0	1.2	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Superlink ID 52038					
7:15 AM	2.3	0.5	1.6	3.2	10
7:30 AM	2.5	0.4	1.9	3.2	10
7:45 AM	2.5	0.8	1.8	4.1	10
8:00 AM	2.6	0.5	1.9	3.5	10
NB L on [Unnamed Street]: Superlink ID 55106					
7:15 AM	45.6	9.4	30.4	58.3	10
7:30 AM	43.3	16.1	14.9	68.9	10
7:45 AM	52.4	15.9	26.0	73.4	10
8:00 AM	37.7	16.8	13.1	68.9	10
NB TR on [Unnamed Street]: Superlink ID 55106					
7:15 AM	29.0	3.8	23.8	35.2	10
7:30 AM	32.2	3.5	27.6	39.1	10
7:45 AM	30.1	2.7	26.9	35.1	10
8:00 AM	33.8	3.7	29.5	40.4	10
SB L on [Unnamed Street]: Superlink ID 55104					
7:15 AM	42.1	7.4	29.3	52.0	10
7:30 AM	41.5	7.3	30.3	55.8	10
7:45 AM	45.7	9.9	29.1	60.6	10
8:00 AM	47.4	7.6	32.9	58.2	10
SB R on [Unnamed Street]: Superlink ID 55104					
7:15 AM	10.4	1.6	8.3	12.8	10
7:30 AM	10.0	1.3	8.4	12.4	10
7:45 AM	9.4	1.4	7.4	11.5	10
8:00 AM	9.8	0.9	8.3	11.4	10
SB T on [Unnamed Street]: Superlink ID 55104					
7:15 AM	32.6	3.1	28.3	36.5	10
7:30 AM	31.9	1.9	28.4	35.7	10
7:45 AM	32.4	2.4	30.1	38.0	10
8:00 AM	32.4	2.1	30.4	36.5	10
WB L on LAKE AVE NW: Superlink ID 55105					
7:15 AM	47.2	5.4	38.1	55.4	10
7:30 AM	44.0	4.2	36.5	50.3	10
7:45 AM	43.7	3.1	37.9	49.8	10
8:00 AM	42.8	8.3	27.2	58.2	10
WB TR on LAKE AVE NW: Superlink ID 55105					
7:15 AM	16.7	1.2	15.0	18.4	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW: Superlink ID 55105					
7:30 AM	17.1	1.4	14.1	18.9	10
7:45 AM	18.5	3.2	14.8	23.6	10
8:00 AM	18.6	4.8	14.5	29.7	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262156							
7:15 AM	1	30.0	15.0	0.3	92.2	1.5	0.0%
7:15 AM	2	30.0	1.7	0.1	16.6	1.0	0.0%
7:15 AM	3	30.0	5.3	0.2	25.4	1.0	0.0%
7:15 AM	4	30.0	7.7	0.3	37.9	1.0	0.0%
7:15 AM	5	30.0	4.8	0.3	20.1	1.0	0.0%
7:15 AM	6	30.0	5.0	0.3	17.0	1.0	0.0%
7:15 AM	7	30.0	2.6	0.2	15.4	1.0	0.0%
7:15 AM	8	30.0	2.7	0.2	16.1	1.0	0.0%
7:15 AM	9	30.0	4.3	0.3	15.9	1.0	0.0%
7:15 AM	10	30.0	3.3	0.2	18.2	1.0	0.0%
7:30 AM	1	30.0	2.3	0.2	15.4	1.0	0.0%
7:30 AM	2	30.0	7.5	0.3	35.3	1.0	0.0%
7:30 AM	3	30.0	4.0	0.2	20.0	1.0	0.0%
7:30 AM	4	30.0	1.8	0.1	17.9	1.0	0.0%
7:30 AM	5	30.0	6.1	0.4	18.9	1.0	0.0%
7:30 AM	6	30.0	5.3	0.3	20.6	1.0	0.0%
7:30 AM	7	30.0	3.9	0.2	18.7	1.0	0.0%
7:30 AM	8	30.0	1.6	0.1	12.2	1.0	0.0%
7:30 AM	9	30.0	4.6	0.3	18.4	1.0	0.0%
7:30 AM	10	30.0	5.1	0.3	20.3	1.0	0.0%
7:45 AM	1	30.0	4.5	0.3	17.7	1.0	0.0%
7:45 AM	2	30.0	4.0	0.2	17.3	1.0	0.0%
7:45 AM	3	30.0	3.9	0.2	17.4	1.0	0.0%
7:45 AM	4	30.0	5.9	0.3	19.3	1.0	0.0%
7:45 AM	5	30.0	2.3	0.1	17.3	1.0	0.0%
7:45 AM	6	30.0	2.6	0.2	15.9	1.0	0.0%
7:45 AM	7	30.0	4.0	0.2	18.7	1.0	0.0%
7:45 AM	8	30.0	1.6	0.1	14.4	1.0	0.0%
7:45 AM	9	30.0	3.2	0.2	16.1	1.0	0.0%
7:45 AM	10	30.0	0.8	0.0	0.0	0.0	0.0%
8:00 AM	1	29.0	2.1	0.1	16.2	1.0	0.0%
8:00 AM	2	29.0	3.2	0.2	16.5	1.0	0.0%
8:00 AM	3	29.0	3.2	0.2	20.3	1.0	0.0%
8:00 AM	4	29.0	6.1	0.2	39.7	1.0	0.0%
8:00 AM	5	29.0	4.0	0.2	17.3	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	5.6	0.3	16.5	1.0	0.0%
8:00 AM	7	29.0	4.9	0.3	24.9	1.0	0.0%
8:00 AM	8	29.0	3.6	0.2	17.8	1.0	0.0%
8:00 AM	9	29.0	5.9	0.3	30.9	1.0	0.0%
8:00 AM	10	29.0	4.9	0.3	20.0	1.0	0.0%
7:15 AM	Avg	30.0	5.2	0.2	27.5	1.1	0.0%
7:30 AM	Avg	30.0	4.2	0.2	19.8	1.0	0.0%
7:45 AM	Avg	30.0	3.3	0.2	15.4	0.9	0.0%
8:00 AM	Avg	29.0	4.4	0.2	22.0	1.0	0.0%
EB TR on LAKE AVE NW - Lane ID 262157							
7:15 AM	1	30.0	92.8	3.4	232.5	8.5	0.0%
7:15 AM	2	30.0	107.4	4.3	323.6	12.0	0.0%
7:15 AM	3	30.0	114.0	4.2	246.7	9.0	0.0%
7:15 AM	4	30.0	110.2	4.1	247.5	8.5	0.0%
7:15 AM	5	30.0	140.8	5.3	359.8	13.1	0.0%
7:15 AM	6	30.0	93.2	3.6	271.8	9.6	0.0%
7:15 AM	7	30.0	120.2	4.5	288.7	10.0	0.0%
7:15 AM	8	30.0	71.2	2.8	206.2	7.5	0.0%
7:15 AM	9	30.0	132.5	5.0	290.0	10.5	0.0%
7:15 AM	10	30.0	97.8	3.7	234.2	9.0	0.0%
7:30 AM	1	30.0	104.9	3.9	267.9	9.0	0.0%
7:30 AM	2	30.0	257.0	8.9	601.8	20.0	10.0%
7:30 AM	3	30.0	181.3	6.4	388.4	13.5	3.3%
7:30 AM	4	30.0	174.0	6.4	568.5	20.1	6.7%
7:30 AM	5	30.0	168.2	6.3	369.6	13.1	0.0%
7:30 AM	6	30.0	97.1	3.7	283.7	9.5	0.0%
7:30 AM	7	30.0	254.4	8.7	545.2	17.0	0.0%
7:30 AM	8	30.0	91.0	3.4	261.0	9.5	0.0%
7:30 AM	9	30.0	111.6	4.2	246.8	9.5	0.0%
7:30 AM	10	30.0	174.1	6.3	370.8	13.5	0.0%
7:45 AM	1	30.0	136.7	5.4	286.3	11.0	0.0%
7:45 AM	2	30.0	85.7	3.5	190.5	7.5	0.0%
7:45 AM	3	30.0	124.8	4.7	262.7	10.0	0.0%
7:45 AM	4	30.0	219.0	7.6	498.2	16.0	3.3%
7:45 AM	5	30.0	136.3	5.1	379.7	14.0	0.0%
7:45 AM	6	30.0	145.1	5.4	385.3	14.0	0.0%
7:45 AM	7	30.0	239.2	8.5	610.3	21.5	16.7%
7:45 AM	8	30.0	129.0	4.7	331.9	11.5	0.0%
7:45 AM	9	30.0	116.2	4.4	267.9	9.6	0.0%
7:45 AM	10	30.0	92.8	3.5	236.7	8.0	0.0%
8:00 AM	1	29.0	80.4	3.1	257.4	9.6	0.0%
8:00 AM	2	29.0	97.7	3.7	219.9	7.6	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	143.3	5.6	367.9	14.0	0.0%
8:00 AM	4	29.0	316.9	11.0	622.7	21.6	27.6%
8:00 AM	5	29.0	123.0	4.7	262.1	10.0	0.0%
8:00 AM	6	29.0	88.4	3.2	221.8	7.0	0.0%
8:00 AM	7	29.0	105.0	3.7	257.8	9.6	0.0%
8:00 AM	8	29.0	102.0	3.8	342.0	12.8	0.0%
8:00 AM	9	29.0	99.3	3.7	269.1	9.6	0.0%
8:00 AM	10	29.0	109.1	4.1	251.3	9.0	0.0%
7:15 AM	Avg	30.0	108.0	4.1	270.1	9.8	0.0%
7:30 AM	Avg	30.0	161.4	5.8	390.4	13.5	2.0%
7:45 AM	Avg	30.0	142.5	5.3	345.0	12.3	2.0%
8:00 AM	Avg	29.0	126.5	4.7	307.2	11.1	2.8%
NWB L on GREAT LAKES BLVD NW - Lane ID 262214							
7:15 AM	1	30.0	6.1	0.3	18.7	1.0	0.0%
7:15 AM	2	30.0	5.1	0.2	26.4	1.0	0.0%
7:15 AM	3	30.0	6.8	0.4	22.0	1.0	0.0%
7:15 AM	4	30.0	4.6	0.3	17.4	1.0	0.0%
7:15 AM	5	30.0	10.2	0.5	40.0	1.5	0.0%
7:15 AM	6	30.0	2.8	0.2	17.3	1.0	0.0%
7:15 AM	7	30.0	6.0	0.3	36.2	1.5	0.0%
7:15 AM	8	30.0	11.6	0.4	65.1	1.5	0.0%
7:15 AM	9	30.0	4.1	0.3	17.4	1.0	0.0%
7:15 AM	10	30.0	4.1	0.2	32.7	1.5	0.0%
7:30 AM	1	30.0	5.3	0.3	18.2	1.0	0.0%
7:30 AM	2	30.0	4.6	0.3	18.8	1.0	0.0%
7:30 AM	3	30.0	5.9	0.3	19.1	1.0	0.0%
7:30 AM	4	30.0	5.7	0.3	19.6	1.0	0.0%
7:30 AM	5	30.0	3.4	0.2	17.7	1.0	0.0%
7:30 AM	6	30.0	6.8	0.3	31.8	1.0	0.0%
7:30 AM	7	30.0	4.5	0.3	19.1	1.0	0.0%
7:30 AM	8	30.0	4.7	0.2	33.6	1.5	0.0%
7:30 AM	9	30.0	3.6	0.3	16.3	1.0	0.0%
7:30 AM	10	30.0	4.5	0.2	31.2	1.5	0.0%
7:45 AM	1	30.0	6.1	0.3	18.8	1.0	0.0%
7:45 AM	2	30.0	2.9	0.2	17.7	1.0	0.0%
7:45 AM	3	30.0	5.5	0.3	18.8	1.0	0.0%
7:45 AM	4	30.0	5.9	0.3	32.9	1.5	0.0%
7:45 AM	5	30.0	5.7	0.3	38.4	1.5	0.0%
7:45 AM	6	30.0	4.5	0.3	17.9	1.0	0.0%
7:45 AM	7	30.0	2.7	0.2	15.3	1.0	0.0%
7:45 AM	8	30.0	5.0	0.3	18.7	1.0	0.0%
7:45 AM	9	30.0	5.7	0.3	20.5	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	9.1	0.4	47.6	2.0	0.0%
8:00 AM	1	29.0	2.0	0.1	16.5	1.0	0.0%
8:00 AM	2	29.0	5.2	0.3	17.8	1.0	0.0%
8:00 AM	3	29.0	6.9	0.4	16.9	1.0	0.0%
8:00 AM	4	29.0	4.1	0.2	17.9	1.0	0.0%
8:00 AM	5	29.0	4.4	0.3	16.7	1.0	0.0%
8:00 AM	6	29.0	4.9	0.3	19.0	1.0	0.0%
8:00 AM	7	29.0	3.4	0.2	15.7	1.0	0.0%
8:00 AM	8	29.0	3.4	0.2	16.6	1.0	0.0%
8:00 AM	9	29.0	7.0	0.2	47.4	1.0	0.0%
8:00 AM	10	29.0	8.7	0.4	43.3	2.0	0.0%
7:15 AM	Avg	30.0	6.1	0.3	29.3	1.2	0.0%
7:30 AM	Avg	30.0	4.9	0.3	22.5	1.1	0.0%
7:45 AM	Avg	30.0	5.3	0.3	24.7	1.2	0.0%
8:00 AM	Avg	29.0	5.0	0.3	22.8	1.1	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 262215							
7:15 AM	1	30.0	37.1	1.6	112.5	4.5	0.0%
7:15 AM	2	30.0	36.1	1.5	92.3	3.5	0.0%
7:15 AM	3	30.0	27.6	1.1	80.0	3.0	0.0%
7:15 AM	4	30.0	36.4	1.5	104.2	4.0	0.0%
7:15 AM	5	30.0	49.4	2.0	122.1	4.0	0.0%
7:15 AM	6	30.0	29.1	1.2	92.4	3.0	0.0%
7:15 AM	7	30.0	26.1	1.1	80.4	3.0	0.0%
7:15 AM	8	30.0	33.7	1.4	103.1	4.0	0.0%
7:15 AM	9	30.0	30.7	1.2	98.7	3.5	0.0%
7:15 AM	10	30.0	37.0	1.6	90.3	3.5	0.0%
7:30 AM	1	30.0	37.7	1.5	99.5	4.0	0.0%
7:30 AM	2	30.0	28.6	1.2	105.8	4.0	0.0%
7:30 AM	3	30.0	20.9	0.9	71.3	3.0	0.0%
7:30 AM	4	30.0	35.0	1.4	106.3	4.0	0.0%
7:30 AM	5	30.0	25.2	1.1	88.6	3.0	0.0%
7:30 AM	6	30.0	36.3	1.6	92.0	3.5	0.0%
7:30 AM	7	30.0	37.6	1.6	106.6	4.0	0.0%
7:30 AM	8	30.0	31.3	1.3	100.3	3.0	0.0%
7:30 AM	9	30.0	30.2	1.3	103.7	4.0	0.0%
7:30 AM	10	30.0	36.8	1.6	97.9	4.0	0.0%
7:45 AM	1	30.0	26.9	1.1	77.1	3.0	0.0%
7:45 AM	2	30.0	30.4	1.3	101.9	4.0	0.0%
7:45 AM	3	30.0	29.2	1.2	79.1	3.0	0.0%
7:45 AM	4	30.0	25.3	1.1	74.3	3.0	0.0%
7:45 AM	5	30.0	39.1	1.6	117.8	4.0	0.0%
7:45 AM	6	30.0	30.7	1.3	86.9	3.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	37.8	1.6	84.5	3.0	0.0%
7:45 AM	8	30.0	34.6	1.4	98.1	3.5	0.0%
7:45 AM	9	30.0	26.7	1.1	80.3	3.0	0.0%
7:45 AM	10	30.0	28.3	1.2	92.4	3.5	0.0%
8:00 AM	1	29.0	33.3	1.4	94.3	3.6	0.0%
8:00 AM	2	29.0	35.5	1.5	112.4	4.6	0.0%
8:00 AM	3	29.0	28.5	1.3	74.7	3.0	0.0%
8:00 AM	4	29.0	50.9	1.8	130.2	4.6	0.0%
8:00 AM	5	29.0	48.9	2.0	109.7	4.0	0.0%
8:00 AM	6	29.0	39.3	1.6	116.4	4.0	0.0%
8:00 AM	7	29.0	32.7	1.4	97.6	3.6	0.0%
8:00 AM	8	29.0	29.4	1.3	92.0	4.0	0.0%
8:00 AM	9	29.0	19.6	0.9	97.3	4.0	0.0%
8:00 AM	10	29.0	32.1	1.3	92.9	3.6	0.0%
7:15 AM	Avg	30.0	34.3	1.4	97.6	3.6	0.0%
7:30 AM	Avg	30.0	32.0	1.4	97.2	3.7	0.0%
7:45 AM	Avg	30.0	30.9	1.3	89.2	3.4	0.0%
8:00 AM	Avg	29.0	35.0	1.5	101.8	3.9	0.0%

NWB TR on GREAT LAKES BLVD NW - Lane ID 262216

7:15 AM	1	30.0	52.1	2.0	112.7	4.0	0.0%
7:15 AM	2	30.0	29.9	1.2	99.8	3.5	0.0%
7:15 AM	3	30.0	32.2	1.3	120.9	4.5	0.0%
7:15 AM	4	30.0	60.1	2.3	154.7	5.5	0.0%
7:15 AM	5	30.0	50.7	2.1	132.6	5.0	0.0%
7:15 AM	6	30.0	47.2	1.9	157.1	6.0	0.0%
7:15 AM	7	30.0	33.3	1.5	123.0	5.1	0.0%
7:15 AM	8	30.0	39.5	1.6	106.2	4.0	0.0%
7:15 AM	9	30.0	48.1	1.8	145.6	5.0	0.0%
7:15 AM	10	30.0	27.0	1.1	109.7	4.0	0.0%
7:30 AM	1	30.0	31.1	1.3	95.5	4.0	0.0%
7:30 AM	2	30.0	35.9	1.3	126.7	4.5	0.0%
7:30 AM	3	30.0	38.5	1.5	145.1	5.1	0.0%
7:30 AM	4	30.0	38.8	1.5	121.0	4.5	0.0%
7:30 AM	5	30.0	35.5	1.5	136.6	5.0	0.0%
7:30 AM	6	30.0	24.2	1.0	101.8	4.0	0.0%
7:30 AM	7	30.0	38.0	1.6	118.7	4.5	0.0%
7:30 AM	8	30.0	43.1	1.7	123.7	4.5	0.0%
7:30 AM	9	30.0	43.7	1.7	133.9	5.0	0.0%
7:30 AM	10	30.0	52.6	2.1	130.3	4.5	0.0%
7:45 AM	1	30.0	35.2	1.5	137.4	5.0	0.0%
7:45 AM	2	30.0	43.0	1.8	124.8	5.0	0.0%
7:45 AM	3	30.0	35.8	1.3	119.3	4.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	43.9	1.8	123.6	5.0	0.0%
7:45 AM	5	30.0	51.0	2.1	146.0	5.5	0.0%
7:45 AM	6	30.0	43.5	1.7	158.6	5.5	0.0%
7:45 AM	7	30.0	47.0	1.9	159.7	6.1	0.0%
7:45 AM	8	30.0	35.1	1.3	145.1	5.1	0.0%
7:45 AM	9	30.0	41.0	1.7	133.4	5.0	0.0%
7:45 AM	10	30.0	39.0	1.6	131.7	5.0	0.0%
8:00 AM	1	29.0	27.2	1.2	82.1	3.0	0.0%
8:00 AM	2	29.0	45.6	1.7	143.2	4.0	0.0%
8:00 AM	3	29.0	27.3	1.1	103.8	4.0	0.0%
8:00 AM	4	29.0	48.1	1.9	155.0	5.6	0.0%
8:00 AM	5	29.0	42.6	1.7	107.8	5.0	0.0%
8:00 AM	6	29.0	46.9	1.7	160.7	5.0	0.0%
8:00 AM	7	29.0	36.3	1.5	128.6	4.6	0.0%
8:00 AM	8	29.0	43.4	1.8	127.8	5.0	0.0%
8:00 AM	9	29.0	26.5	1.2	98.5	4.0	0.0%
8:00 AM	10	29.0	37.8	1.6	149.0	5.6	0.0%
7:15 AM	Avg	30.0	42.0	1.7	126.2	4.7	0.0%
7:30 AM	Avg	30.0	38.1	1.5	123.3	4.6	0.0%
7:45 AM	Avg	30.0	41.5	1.7	138.0	5.2	0.0%
8:00 AM	Avg	29.0	38.2	1.5	125.7	4.6	0.0%

SB L on GREAT LAKES BLVD NW - Lane ID 262207

7:15 AM	1	30.0	25.1	1.1	85.6	3.1	0.0%
7:15 AM	2	30.0	20.3	0.9	74.0	3.0	0.0%
7:15 AM	3	30.0	27.1	1.2	76.7	3.0	0.0%
7:15 AM	4	30.0	34.6	1.4	158.2	6.5	0.0%
7:15 AM	5	30.0	31.2	1.2	125.5	4.5	0.0%
7:15 AM	6	30.0	42.8	1.7	133.6	4.0	0.0%
7:15 AM	7	30.0	16.9	0.7	72.4	3.0	0.0%
7:15 AM	8	30.0	20.9	0.9	70.7	3.0	0.0%
7:15 AM	9	30.0	21.1	0.9	74.4	3.0	0.0%
7:15 AM	10	30.0	16.0	0.8	47.8	2.0	0.0%
7:30 AM	1	30.0	37.1	1.5	142.4	4.1	0.0%
7:30 AM	2	30.0	40.6	1.7	123.3	4.5	0.0%
7:30 AM	3	30.0	35.7	1.5	99.6	4.1	0.0%
7:30 AM	4	30.0	57.1	2.2	175.8	6.0	0.0%
7:30 AM	5	30.0	45.3	1.8	143.2	5.1	0.0%
7:30 AM	6	30.0	29.9	1.3	92.9	4.0	0.0%
7:30 AM	7	30.0	45.8	1.9	138.0	5.5	0.0%
7:30 AM	8	30.0	49.8	2.0	132.9	5.0	0.0%
7:30 AM	9	30.0	30.8	1.2	87.0	4.0	0.0%
7:30 AM	10	30.0	40.0	1.8	105.8	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	1	30.0	18.7	0.9	70.7	3.0	0.0%
7:45 AM	2	30.0	117.6	4.1	224.0	7.5	0.0%
7:45 AM	3	30.0	55.3	2.4	149.8	6.0	0.0%
7:45 AM	4	30.0	15.2	0.8	47.6	2.0	0.0%
7:45 AM	5	30.0	26.6	1.2	76.7	3.0	0.0%
7:45 AM	6	30.0	26.0	1.2	90.9	4.0	0.0%
7:45 AM	7	30.0	19.1	0.9	68.6	3.0	0.0%
7:45 AM	8	30.0	52.7	2.2	112.7	4.5	0.0%
7:45 AM	9	30.0	43.9	1.7	112.7	4.5	0.0%
7:45 AM	10	30.0	21.9	1.0	73.5	3.0	0.0%
8:00 AM	1	29.0	37.9	1.7	74.5	3.0	0.0%
8:00 AM	2	29.0	66.3	2.6	153.4	5.6	0.0%
8:00 AM	3	29.0	21.4	1.0	99.3	4.0	0.0%
8:00 AM	4	29.0	71.3	2.7	164.8	5.0	0.0%
8:00 AM	5	29.0	71.4	2.5	161.1	5.0	0.0%
8:00 AM	6	29.0	43.7	1.9	104.2	4.0	0.0%
8:00 AM	7	29.0	49.2	1.9	142.1	4.6	0.0%
8:00 AM	8	29.0	51.7	2.0	145.6	5.2	0.0%
8:00 AM	9	29.0	23.9	1.1	64.0	2.6	0.0%
8:00 AM	10	29.0	25.3	1.2	87.3	4.0	0.0%
7:15 AM	Avg	30.0	25.6	1.1	91.9	3.5	0.0%
7:30 AM	Avg	30.0	41.2	1.7	124.1	4.6	0.0%
7:45 AM	Avg	30.0	39.7	1.6	102.7	4.1	0.0%
8:00 AM	Avg	29.0	46.2	1.9	119.6	4.3	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 262208							
7:15 AM	1	30.0	18.0	0.7	89.7	3.5	0.0%
7:15 AM	2	30.0	15.6	0.7	80.4	3.1	0.0%
7:15 AM	3	30.0	31.9	1.2	161.2	6.1	0.0%
7:15 AM	4	30.0	21.7	0.9	93.4	4.0	0.0%
7:15 AM	5	30.0	26.5	1.0	116.4	4.0	0.0%
7:15 AM	6	30.0	21.4	0.9	90.1	3.5	0.0%
7:15 AM	7	30.0	28.1	1.1	153.2	5.2	0.0%
7:15 AM	8	30.0	38.6	1.5	139.8	5.0	0.0%
7:15 AM	9	30.0	18.3	0.7	119.8	5.0	0.0%
7:15 AM	10	30.0	28.1	1.2	120.1	4.5	0.0%
7:30 AM	1	30.0	27.9	1.2	94.0	4.0	0.0%
7:30 AM	2	30.0	21.8	0.9	92.2	3.5	0.0%
7:30 AM	3	30.0	15.7	0.7	56.3	2.5	0.0%
7:30 AM	4	30.0	24.0	0.8	98.2	3.0	0.0%
7:30 AM	5	30.0	30.7	1.3	120.8	4.5	0.0%
7:30 AM	6	30.0	27.4	1.2	111.0	4.6	0.0%
7:30 AM	7	30.0	26.6	1.1	94.9	3.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	16.9	0.7	89.0	3.0	0.0%
7:30 AM	9	30.0	46.3	1.8	135.6	5.5	0.0%
7:30 AM	10	30.0	24.1	1.0	114.5	4.5	0.0%
7:45 AM	1	30.0	25.7	1.1	93.0	4.0	0.0%
7:45 AM	2	30.0	31.6	1.2	168.8	6.1	0.0%
7:45 AM	3	30.0	30.3	1.2	116.4	4.5	0.0%
7:45 AM	4	30.0	19.3	0.8	93.1	3.5	0.0%
7:45 AM	5	30.0	25.8	1.1	120.8	4.5	0.0%
7:45 AM	6	30.0	65.0	2.4	332.0	10.0	0.0%
7:45 AM	7	30.0	24.4	1.1	84.5	3.5	0.0%
7:45 AM	8	30.0	22.8	0.9	113.5	3.5	0.0%
7:45 AM	9	30.0	33.1	1.3	134.4	5.0	0.0%
7:45 AM	10	30.0	15.0	0.7	85.8	3.5	0.0%
8:00 AM	1	29.0	35.9	1.5	144.0	5.6	0.0%
8:00 AM	2	29.0	16.4	0.7	67.9	2.6	0.0%
8:00 AM	3	29.0	21.3	0.9	84.3	3.6	0.0%
8:00 AM	4	29.0	28.3	1.2	154.3	6.2	0.0%
8:00 AM	5	29.0	27.4	1.1	101.6	4.0	0.0%
8:00 AM	6	29.0	34.2	1.3	152.2	6.0	0.0%
8:00 AM	7	29.0	34.1	1.4	176.3	6.8	0.0%
8:00 AM	8	29.0	28.1	1.2	127.8	5.0	0.0%
8:00 AM	9	29.0	20.1	0.8	98.4	3.6	0.0%
8:00 AM	10	29.0	27.5	1.1	108.2	4.0	0.0%
7:15 AM	Avg	30.0	24.8	1.0	116.4	4.4	0.0%
7:30 AM	Avg	30.0	26.1	1.1	100.7	3.9	0.0%
7:45 AM	Avg	30.0	29.3	1.2	134.2	4.8	0.0%
8:00 AM	Avg	29.0	27.3	1.1	121.5	4.7	0.0%

SB TR on GREAT LAKES BLVD NW - Lane ID 262209

7:15 AM	1	30.0	22.6	0.8	110.5	3.5	0.0%
7:15 AM	2	30.0	21.9	0.9	116.5	4.5	0.0%
7:15 AM	3	30.0	28.9	1.2	125.3	5.1	0.0%
7:15 AM	4	30.0	30.6	1.3	131.4	5.5	0.0%
7:15 AM	5	30.0	22.4	0.9	80.9	3.0	0.0%
7:15 AM	6	30.0	19.5	0.9	74.6	3.0	0.0%
7:15 AM	7	30.0	31.4	1.3	138.5	5.5	0.0%
7:15 AM	8	30.0	35.1	1.5	157.6	6.1	0.0%
7:15 AM	9	30.0	19.5	0.8	90.6	4.0	0.0%
7:15 AM	10	30.0	39.8	1.5	174.8	6.1	0.0%
7:30 AM	1	30.0	25.0	1.0	100.8	4.5	0.0%
7:30 AM	2	30.0	21.1	0.9	103.9	4.1	0.0%
7:30 AM	3	30.0	31.4	1.1	157.4	4.6	0.0%
7:30 AM	4	30.0	25.9	1.0	105.2	4.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	30.6	1.3	134.4	5.5	0.0%
7:30 AM	6	30.0	31.7	1.2	140.7	5.0	0.0%
7:30 AM	7	30.0	21.5	0.9	89.8	3.5	0.0%
7:30 AM	8	30.0	18.5	0.8	75.5	3.0	0.0%
7:30 AM	9	30.0	41.5	1.6	103.0	4.0	0.0%
7:30 AM	10	30.0	24.3	1.1	108.3	4.5	0.0%
7:45 AM	1	30.0	34.0	1.3	180.5	6.5	0.0%
7:45 AM	2	30.0	31.0	1.3	134.6	5.1	0.0%
7:45 AM	3	30.0	35.7	1.5	137.7	5.0	0.0%
7:45 AM	4	30.0	28.4	1.0	102.6	4.0	0.0%
7:45 AM	5	30.0	28.2	1.1	114.1	4.5	0.0%
7:45 AM	6	30.0	43.5	1.7	175.7	6.5	0.0%
7:45 AM	7	30.0	46.0	1.8	130.5	5.0	0.0%
7:45 AM	8	30.0	21.8	1.0	80.3	3.0	0.0%
7:45 AM	9	30.0	40.3	1.6	169.0	6.0	0.0%
7:45 AM	10	30.0	26.8	1.1	110.3	4.5	0.0%
8:00 AM	1	29.0	61.3	2.1	225.9	6.0	0.0%
8:00 AM	2	29.0	24.3	0.9	124.3	3.0	0.0%
8:00 AM	3	29.0	26.4	1.0	106.1	4.0	0.0%
8:00 AM	4	29.0	39.2	1.4	134.1	5.0	0.0%
8:00 AM	5	29.0	29.3	1.1	108.4	4.0	0.0%
8:00 AM	6	29.0	32.3	1.2	143.0	5.6	0.0%
8:00 AM	7	29.0	26.1	1.1	116.5	4.6	0.0%
8:00 AM	8	29.0	29.2	1.1	125.2	5.0	0.0%
8:00 AM	9	29.0	24.0	0.8	111.9	3.6	0.0%
8:00 AM	10	29.0	39.5	1.5	136.3	5.0	0.0%
7:15 AM	Avg	30.0	27.2	1.1	120.1	4.6	0.0%
7:30 AM	Avg	30.0	27.2	1.1	111.9	4.3	0.0%
7:45 AM	Avg	30.0	33.6	1.3	133.5	5.0	0.0%
8:00 AM	Avg	29.0	33.2	1.2	133.2	4.6	0.0%

WB L on LAKE AVE NW - Lane ID 262189

7:15 AM	1	30.0	36.9	1.5	128.0	5.0	0.0%
7:15 AM	2	30.0	55.8	2.1	192.1	6.0	0.0%
7:15 AM	3	30.0	40.5	1.7	152.1	5.5	0.0%
7:15 AM	4	30.0	40.7	1.7	153.8	6.0	0.0%
7:15 AM	5	30.0	40.3	1.5	184.4	6.0	0.0%
7:15 AM	6	30.0	58.3	2.4	177.8	7.0	3.3%
7:15 AM	7	30.0	35.5	1.5	161.7	6.5	0.0%
7:15 AM	8	30.0	58.2	2.0	197.2	6.5	0.0%
7:15 AM	9	30.0	35.7	1.5	131.5	5.0	0.0%
7:15 AM	10	30.0	32.6	1.3	155.6	5.6	0.0%
7:30 AM	1	30.0	74.3	2.7	208.4	7.5	3.3%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	34.4	1.4	137.5	5.5	0.0%
7:30 AM	3	30.0	33.9	1.5	152.2	6.0	0.0%
7:30 AM	4	30.0	28.2	1.2	134.6	5.0	0.0%
7:30 AM	5	30.0	35.5	1.5	141.4	5.5	0.0%
7:30 AM	6	30.0	40.6	1.7	147.0	5.5	0.0%
7:30 AM	7	30.0	83.8	2.9	255.5	8.0	6.7%
7:30 AM	8	30.0	59.5	2.3	205.3	7.5	0.0%
7:30 AM	9	30.0	55.8	2.2	193.8	7.1	3.3%
7:30 AM	10	30.0	67.5	2.7	198.8	7.5	3.3%
7:45 AM	1	30.0	44.6	1.8	162.5	6.1	0.0%
7:45 AM	2	30.0	54.9	2.1	149.9	6.0	3.3%
7:45 AM	3	30.0	39.9	1.7	126.2	5.0	0.0%
7:45 AM	4	30.0	86.1	3.1	225.3	7.0	6.7%
7:45 AM	5	30.0	61.6	2.4	184.8	6.0	0.0%
7:45 AM	6	30.0	21.1	0.9	123.0	5.0	0.0%
7:45 AM	7	30.0	72.1	2.6	233.4	7.1	6.7%
7:45 AM	8	30.0	68.1	2.7	183.9	7.0	0.0%
7:45 AM	9	30.0	56.4	2.3	187.6	6.5	3.3%
7:45 AM	10	30.0	71.9	2.5	263.7	7.6	13.3%
8:00 AM	1	29.0	56.6	2.2	158.1	6.0	0.0%
8:00 AM	2	29.0	38.4	1.6	178.5	7.0	0.0%
8:00 AM	3	29.0	21.1	0.9	51.8	2.0	0.0%
8:00 AM	4	29.0	59.3	2.4	227.5	8.8	6.9%
8:00 AM	5	29.0	39.0	1.6	145.4	5.6	0.0%
8:00 AM	6	29.0	46.3	1.9	173.5	6.6	0.0%
8:00 AM	7	29.0	81.8	2.9	206.1	6.6	3.4%
8:00 AM	8	29.0	102.4	3.7	255.3	8.8	10.3%
8:00 AM	9	29.0	53.8	2.1	174.8	6.0	0.0%
8:00 AM	10	29.0	67.0	2.5	217.7	7.0	6.9%
7:15 AM	Avg	30.0	43.5	1.7	163.4	5.9	0.3%
7:30 AM	Avg	30.0	51.4	2.0	177.5	6.5	1.7%
7:45 AM	Avg	30.0	57.7	2.2	184.0	6.3	3.3%
8:00 AM	Avg	29.0	56.6	2.2	178.9	6.4	2.8%

WB R on LAKE AVE NW - Lane ID 274809

7:15 AM	1	30.0	2.5	0.1	17.9	1.0	0.0%
7:15 AM	2	30.0	2.3	0.1	17.0	1.0	0.0%
7:15 AM	3	30.0	0.8	0.1	4.8	0.5	0.0%
7:15 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	4.3	0.1	20.9	1.0	0.0%
7:15 AM	6	30.0	1.8	0.1	17.0	1.0	0.0%
7:15 AM	7	30.0	1.8	0.1	14.4	1.0	0.0%
7:15 AM	8	30.0	3.0	0.1	18.8	0.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	2.8	0.2	16.6	1.0	0.0%
7:15 AM	10	30.0	2.3	0.1	16.2	1.0	0.0%
7:30 AM	1	30.0	2.2	0.1	15.1	1.0	0.0%
7:30 AM	2	30.0	1.3	0.1	10.3	0.5	0.0%
7:30 AM	3	30.0	2.0	0.1	14.9	1.0	0.0%
7:30 AM	4	30.0	2.3	0.1	17.1	1.0	0.0%
7:30 AM	5	30.0	1.3	0.1	9.0	0.5	0.0%
7:30 AM	6	30.0	3.0	0.2	16.8	1.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	1.4	0.1	10.9	0.5	0.0%
7:30 AM	9	30.0	2.7	0.1	18.1	1.0	0.0%
7:30 AM	10	30.0	1.6	0.1	15.6	1.0	0.0%
7:45 AM	1	30.0	4.0	0.2	20.0	1.0	0.0%
7:45 AM	2	30.0	2.6	0.1	19.7	1.0	0.0%
7:45 AM	3	30.0	3.2	0.2	19.5	1.0	0.0%
7:45 AM	4	30.0	1.8	0.1	14.4	1.0	0.0%
7:45 AM	5	30.0	2.4	0.1	18.5	1.0	0.0%
7:45 AM	6	30.0	2.4	0.1	15.3	1.0	0.0%
7:45 AM	7	30.0	1.5	0.1	14.8	1.0	0.0%
7:45 AM	8	30.0	1.7	0.1	13.2	1.0	0.0%
7:45 AM	9	30.0	1.8	0.1	15.8	1.0	0.0%
7:45 AM	10	30.0	1.7	0.1	16.3	1.0	0.0%
8:00 AM	1	29.0	3.8	0.2	28.4	1.0	0.0%
8:00 AM	2	29.0	1.1	0.1	9.2	0.6	0.0%
8:00 AM	3	29.0	1.5	0.1	10.1	0.6	0.0%
8:00 AM	4	29.0	2.0	0.1	16.8	1.0	0.0%
8:00 AM	5	29.0	0.3	0.0	0.0	0.0	0.0%
8:00 AM	6	29.0	0.5	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	2.7	0.1	9.2	0.6	0.0%
8:00 AM	8	29.0	2.3	0.1	16.5	1.0	0.0%
8:00 AM	9	29.0	3.4	0.2	19.2	1.0	0.0%
8:00 AM	10	29.0	3.4	0.1	26.2	1.0	0.0%
7:15 AM	Avg	30.0	2.2	0.1	14.4	0.8	0.0%
7:30 AM	Avg	30.0	1.8	0.1	12.8	0.8	0.0%
7:45 AM	Avg	30.0	2.3	0.1	16.8	1.0	0.0%
8:00 AM	Avg	29.0	2.1	0.1	13.6	0.7	0.0%

WB T on LAKE AVE NW - Lane ID 262190

7:15 AM	1	30.0	7.6	0.4	43.7	2.1	0.0%
7:15 AM	2	30.0	17.5	0.8	72.7	3.0	0.0%
7:15 AM	3	30.0	6.0	0.3	22.8	1.5	0.0%
7:15 AM	4	30.0	4.4	0.3	16.6	1.0	0.0%
7:15 AM	5	30.0	5.3	0.2	28.8	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	8.9	0.4	37.7	1.5	0.0%
7:15 AM	7	30.0	11.7	0.5	49.1	1.5	0.0%
7:15 AM	8	30.0	5.7	0.2	36.1	1.5	0.0%
7:15 AM	9	30.0	10.5	0.6	42.3	2.0	0.0%
7:15 AM	10	30.0	8.7	0.5	42.6	2.0	0.0%
7:30 AM	1	30.0	11.2	0.6	41.4	2.1	0.0%
7:30 AM	2	30.0	10.0	0.5	34.0	1.5	0.0%
7:30 AM	3	30.0	9.5	0.4	35.6	1.5	0.0%
7:30 AM	4	30.0	11.2	0.6	48.6	2.0	0.0%
7:30 AM	5	30.0	5.3	0.3	17.0	1.0	0.0%
7:30 AM	6	30.0	15.4	0.7	66.4	2.5	0.0%
7:30 AM	7	30.0	5.8	0.3	20.8	1.0	0.0%
7:30 AM	8	30.0	2.8	0.2	17.4	1.0	0.0%
7:30 AM	9	30.0	16.4	0.8	69.7	3.0	0.0%
7:30 AM	10	30.0	7.6	0.4	33.7	1.5	0.0%
7:45 AM	1	30.0	15.0	0.8	54.4	2.5	0.0%
7:45 AM	2	30.0	7.5	0.4	32.3	1.5	0.0%
7:45 AM	3	30.0	8.4	0.4	23.0	1.0	0.0%
7:45 AM	4	30.0	7.1	0.4	38.7	1.5	0.0%
7:45 AM	5	30.0	7.1	0.4	37.9	1.5	0.0%
7:45 AM	6	30.0	7.7	0.3	27.3	1.0	0.0%
7:45 AM	7	30.0	7.2	0.4	19.2	1.0	0.0%
7:45 AM	8	30.0	8.6	0.4	40.0	2.0	0.0%
7:45 AM	9	30.0	12.8	0.6	38.0	1.5	0.0%
7:45 AM	10	30.0	6.4	0.3	28.4	1.5	0.0%
8:00 AM	1	29.0	5.4	0.3	30.4	1.6	0.0%
8:00 AM	2	29.0	15.6	0.7	63.6	3.0	0.0%
8:00 AM	3	29.0	11.0	0.4	61.6	2.0	0.0%
8:00 AM	4	29.0	8.1	0.3	20.9	1.0	0.0%
8:00 AM	5	29.0	14.8	0.6	67.2	2.6	0.0%
8:00 AM	6	29.0	18.5	0.8	61.3	2.6	0.0%
8:00 AM	7	29.0	9.3	0.5	44.2	2.0	0.0%
8:00 AM	8	29.0	14.6	0.6	55.9	2.0	0.0%
8:00 AM	9	29.0	12.0	0.6	49.3	2.0	0.0%
8:00 AM	10	29.0	8.6	0.4	34.3	1.6	0.0%
7:15 AM	Avg	30.0	8.6	0.4	39.2	1.7	0.0%
7:30 AM	Avg	30.0	9.5	0.5	38.5	1.7	0.0%
7:45 AM	Avg	30.0	8.8	0.4	33.9	1.5	0.0%
8:00 AM	Avg	29.0	11.8	0.5	48.9	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 274810							
7:15 AM	1	30.0	75.7	2.7	226.9	7.5	6.7%
7:15 AM	2	30.0	77.0	3.2	179.6	7.0	0.0%
7:15 AM	3	30.0	85.8	2.9	241.8	7.0	6.7%
7:15 AM	4	30.0	66.0	2.4	175.7	5.0	0.0%
7:15 AM	5	30.0	78.9	3.2	190.8	7.0	0.0%
7:15 AM	6	30.0	73.2	3.0	186.3	7.0	0.0%
7:15 AM	7	30.0	86.9	3.2	216.5	7.1	3.3%
7:15 AM	8	30.0	91.1	3.4	206.9	7.5	6.7%
7:15 AM	9	30.0	75.2	2.8	212.2	7.5	0.0%
7:15 AM	10	30.0	80.5	3.1	198.9	7.5	0.0%
7:30 AM	1	30.0	76.0	2.8	225.5	8.0	3.3%
7:30 AM	2	30.0	74.0	2.7	216.9	7.0	3.3%
7:30 AM	3	30.0	94.6	3.3	247.2	7.0	13.3%
7:30 AM	4	30.0	85.9	3.3	226.4	8.2	6.7%
7:30 AM	5	30.0	79.0	2.9	218.5	7.5	3.3%
7:30 AM	6	30.0	80.2	3.1	181.3	8.0	0.0%
7:30 AM	7	30.0	73.1	2.7	195.4	7.0	0.0%
7:30 AM	8	30.0	81.8	3.3	202.8	8.0	3.3%
7:30 AM	9	30.0	80.1	3.1	201.7	7.0	0.0%
7:30 AM	10	30.0	87.0	3.2	197.5	7.0	0.0%
7:45 AM	1	30.0	72.2	3.0	196.4	7.5	0.0%
7:45 AM	2	30.0	76.4	2.9	196.1	7.5	0.0%
7:45 AM	3	30.0	67.9	2.7	160.4	7.0	0.0%
7:45 AM	4	30.0	75.5	2.7	207.9	8.0	3.3%
7:45 AM	5	30.0	77.8	3.0	194.0	7.5	3.3%
7:45 AM	6	30.0	81.7	3.2	182.1	7.0	0.0%
7:45 AM	7	30.0	81.3	3.1	212.4	7.5	0.0%
7:45 AM	8	30.0	76.6	2.6	227.1	7.5	3.3%
7:45 AM	9	30.0	78.6	2.9	189.1	6.0	0.0%
7:45 AM	10	30.0	74.9	2.9	209.6	8.0	3.3%
8:00 AM	1	29.0	69.6	2.8	175.9	6.0	0.0%
8:00 AM	2	29.0	91.4	3.1	219.3	7.0	0.0%
8:00 AM	3	29.0	71.0	2.8	188.1	6.6	0.0%
8:00 AM	4	29.0	79.0	2.9	199.4	6.6	3.4%
8:00 AM	5	29.0	73.4	2.9	181.0	7.0	3.4%
8:00 AM	6	29.0	66.2	2.5	188.3	7.0	0.0%
8:00 AM	7	29.0	89.1	3.3	200.3	7.6	0.0%
8:00 AM	8	29.0	65.5	2.6	186.7	7.0	3.4%
8:00 AM	9	29.0	68.7	2.7	155.9	6.0	0.0%
8:00 AM	10	29.0	91.4	3.2	231.4	7.0	6.9%
7:15 AM	Avg	30.0	79.0	3.0	203.6	7.0	2.3%
7:30 AM	Avg	30.0	81.2	3.0	211.3	7.5	3.3%
7:45 AM	Avg	30.0	76.3	2.9	197.5	7.4	1.3%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	76.5	2.9	192.6	6.8	1.7%
EB R on LAKE AVE NW - Lane ID 274812							
7:15 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	2	30.0	1.2	0.0	0.0	0.0	0.0%
7:15 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	8	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	4	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	6	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	8	30.0	0.0	0.0	0.0	0.0	0.0%
7:45 AM	9	30.0	0.1	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	1	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	2	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	3	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	4	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	5	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	6	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	7	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	8	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	9	29.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	10	29.0	0.0	0.0	0.0	0.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	Avg	30.0	0.1	0.0	0.0	0.0	0.0%
7:30 AM	Avg	30.0	0.1	0.0	0.0	0.0	0.0%
7:45 AM	Avg	30.0	0.0	0.0	0.0	0.0	0.0%
8:00 AM	Avg	29.0	0.0	0.0	0.0	0.0	0.0%
EB T on LAKE AVE NW - Lane ID 274811							
7:15 AM	1	30.0	7.4	0.3	60.1	2.5	0.0%
7:15 AM	2	30.0	2.3	0.1	17.5	1.0	0.0%
7:15 AM	3	30.0	4.3	0.2	17.0	1.0	0.0%
7:15 AM	4	30.0	7.5	0.4	41.1	2.0	0.0%
7:15 AM	5	30.0	3.0	0.1	27.1	1.0	0.0%
7:15 AM	6	30.0	1.8	0.1	17.0	1.0	0.0%
7:15 AM	7	30.0	8.3	0.4	44.3	2.0	0.0%
7:15 AM	8	30.0	2.5	0.1	17.1	1.0	0.0%
7:15 AM	9	30.0	2.1	0.1	7.8	0.5	0.0%
7:15 AM	10	30.0	2.6	0.1	18.6	1.0	0.0%
7:30 AM	1	30.0	3.6	0.2	22.4	1.0	0.0%
7:30 AM	2	30.0	8.8	0.3	58.4	2.0	0.0%
7:30 AM	3	30.0	3.0	0.2	17.2	1.0	0.0%
7:30 AM	4	30.0	6.9	0.3	47.5	2.0	0.0%
7:30 AM	5	30.0	5.6	0.3	43.6	2.0	0.0%
7:30 AM	6	30.0	8.5	0.4	43.5	2.0	0.0%
7:30 AM	7	30.0	6.5	0.3	50.7	2.0	0.0%
7:30 AM	8	30.0	6.1	0.3	33.9	1.5	0.0%
7:30 AM	9	30.0	3.4	0.2	17.5	1.0	0.0%
7:30 AM	10	30.0	1.5	0.1	13.3	1.0	0.0%
7:45 AM	1	30.0	1.9	0.1	9.0	0.5	0.0%
7:45 AM	2	30.0	4.0	0.2	18.4	1.0	0.0%
7:45 AM	3	30.0	13.7	0.5	87.8	3.0	0.0%
7:45 AM	4	30.0	3.4	0.2	15.7	1.0	0.0%
7:45 AM	5	30.0	1.2	0.1	8.2	0.5	0.0%
7:45 AM	6	30.0	7.1	0.4	45.1	2.0	0.0%
7:45 AM	7	30.0	4.7	0.2	31.4	1.5	0.0%
7:45 AM	8	30.0	7.2	0.3	32.4	1.5	0.0%
7:45 AM	9	30.0	2.6	0.1	18.0	1.0	0.0%
7:45 AM	10	30.0	3.1	0.2	19.1	1.0	0.0%
8:00 AM	1	29.0	4.0	0.2	18.6	1.0	0.0%
8:00 AM	2	29.0	10.3	0.5	64.8	2.6	0.0%
8:00 AM	3	29.0	5.0	0.3	35.5	2.0	0.0%
8:00 AM	4	29.0	2.8	0.2	16.9	1.0	0.0%
8:00 AM	5	29.0	9.5	0.2	65.0	1.6	0.0%
8:00 AM	6	29.0	4.2	0.2	17.7	1.0	0.0%
8:00 AM	7	29.0	7.8	0.3	60.0	2.6	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	8	29.0	4.1	0.2	21.0	1.0	0.0%
8:00 AM	9	29.0	9.4	0.4	74.8	3.0	0.0%
8:00 AM	10	29.0	1.8	0.1	17.0	1.0	0.0%
7:15 AM	Avg	30.0	4.2	0.2	26.8	1.3	0.0%
7:30 AM	Avg	30.0	5.4	0.3	34.8	1.6	0.0%
7:45 AM	Avg	30.0	4.9	0.2	28.5	1.3	0.0%
8:00 AM	Avg	29.0	5.9	0.3	39.1	1.7	0.0%
NB L on [Unnamed Street] - Lane ID 274804							
7:15 AM	1	30.0	1.1	0.1	9.8	1.0	0.0%
7:15 AM	2	30.0	4.6	0.2	26.7	1.0	0.0%
7:15 AM	3	30.0	1.7	0.1	12.8	1.0	0.0%
7:15 AM	4	30.0	3.7	0.2	29.1	1.5	0.0%
7:15 AM	5	30.0	1.0	0.1	8.3	1.0	0.0%
7:15 AM	6	30.0	3.3	0.2	18.6	1.0	0.0%
7:15 AM	7	30.0	2.6	0.2	16.6	1.0	0.0%
7:15 AM	8	30.0	2.2	0.2	15.2	1.0	0.0%
7:15 AM	9	30.0	3.4	0.2	23.6	1.5	0.0%
7:15 AM	10	30.0	2.8	0.2	19.3	1.0	0.0%
7:30 AM	1	30.0	1.3	0.1	9.3	0.5	0.0%
7:30 AM	2	30.0	1.4	0.1	13.4	1.0	0.0%
7:30 AM	3	30.0	1.3	0.1	11.2	1.0	0.0%
7:30 AM	4	30.0	0.6	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	1.7	0.1	16.6	1.0	0.0%
7:30 AM	6	30.0	1.2	0.1	9.6	0.5	0.0%
7:30 AM	7	30.0	0.8	0.1	3.7	0.5	0.0%
7:30 AM	8	30.0	2.0	0.1	17.0	1.0	0.0%
7:30 AM	9	30.0	1.6	0.1	16.1	1.0	0.0%
7:30 AM	10	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	2.1	0.1	8.9	0.5	0.0%
7:45 AM	2	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	3	30.0	1.2	0.1	10.0	0.5	0.0%
7:45 AM	4	30.0	0.5	0.0	0.0	0.0	0.0%
7:45 AM	5	30.0	3.1	0.2	19.4	1.0	0.0%
7:45 AM	6	30.0	2.4	0.1	15.6	1.0	0.0%
7:45 AM	7	30.0	2.7	0.2	17.1	1.0	0.0%
7:45 AM	8	30.0	2.4	0.1	17.9	1.0	0.0%
7:45 AM	9	30.0	0.6	0.0	0.0	0.0	0.0%
7:45 AM	10	30.0	1.0	0.1	8.4	0.5	0.0%
8:00 AM	1	29.0	4.3	0.2	30.5	1.6	0.0%
8:00 AM	2	29.0	2.3	0.2	15.0	1.0	0.0%
8:00 AM	3	29.0	1.9	0.1	18.1	1.0	0.0%
8:00 AM	4	29.0	0.0	0.0	0.0	0.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	5	29.0	2.4	0.2	19.5	1.6	0.0%
8:00 AM	6	29.0	2.5	0.1	8.5	0.6	0.0%
8:00 AM	7	29.0	3.2	0.2	18.4	1.0	0.0%
8:00 AM	8	29.0	1.4	0.1	13.0	1.0	0.0%
8:00 AM	9	29.0	3.8	0.2	19.6	1.0	0.0%
8:00 AM	10	29.0	1.5	0.1	14.9	1.0	0.0%
7:15 AM	Avg	30.0	2.6	0.2	18.0	1.1	0.0%
7:30 AM	Avg	30.0	1.3	0.1	9.7	0.7	0.0%
7:45 AM	Avg	30.0	1.7	0.1	9.7	0.6	0.0%
8:00 AM	Avg	29.0	2.3	0.1	15.8	1.0	0.0%
NB TR on [Unnamed Street] - Lane ID 274788							
7:15 AM	1	30.0	22.1	1.0	72.4	3.0	0.0%
7:15 AM	2	30.0	25.7	1.1	91.6	3.0	0.0%
7:15 AM	3	30.0	20.5	1.0	70.1	3.0	0.0%
7:15 AM	4	30.0	15.9	0.8	61.9	2.5	0.0%
7:15 AM	5	30.0	19.5	0.9	78.1	3.0	0.0%
7:15 AM	6	30.0	18.0	0.8	50.0	2.0	0.0%
7:15 AM	7	30.0	23.6	1.1	79.1	3.0	0.0%
7:15 AM	8	30.0	24.1	1.1	58.1	2.5	0.0%
7:15 AM	9	30.0	23.4	1.0	78.7	3.0	0.0%
7:15 AM	10	30.0	27.2	1.2	73.6	3.0	0.0%
7:30 AM	1	30.0	15.7	0.8	48.0	2.0	0.0%
7:30 AM	2	30.0	23.6	1.1	76.1	3.0	0.0%
7:30 AM	3	30.0	23.8	1.1	70.2	3.0	0.0%
7:30 AM	4	30.0	32.8	1.4	87.2	3.0	0.0%
7:30 AM	5	30.0	19.1	0.9	64.7	2.5	0.0%
7:30 AM	6	30.0	26.2	1.3	69.9	3.0	0.0%
7:30 AM	7	30.0	19.5	0.9	65.7	2.5	0.0%
7:30 AM	8	30.0	19.3	0.9	68.5	2.5	0.0%
7:30 AM	9	30.0	34.8	1.2	102.5	3.0	0.0%
7:30 AM	10	30.0	21.0	1.1	68.4	3.0	0.0%
7:45 AM	1	30.0	29.3	1.2	100.6	3.0	0.0%
7:45 AM	2	30.0	23.0	1.1	73.3	3.0	0.0%
7:45 AM	3	30.0	25.5	1.1	68.9	2.5	0.0%
7:45 AM	4	30.0	27.0	1.1	78.7	3.0	0.0%
7:45 AM	5	30.0	23.0	1.0	91.6	3.5	0.0%
7:45 AM	6	30.0	17.8	0.9	47.1	2.0	0.0%
7:45 AM	7	30.0	25.8	1.1	83.6	3.0	0.0%
7:45 AM	8	30.0	27.8	1.0	96.1	3.0	0.0%
7:45 AM	9	30.0	25.7	1.2	81.4	3.5	0.0%
7:45 AM	10	30.0	18.1	0.8	61.7	2.5	0.0%
8:00 AM	1	29.0	20.3	0.9	51.1	2.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	2	29.0	29.1	1.3	77.7	3.0	0.0%
8:00 AM	3	29.0	33.5	1.3	88.6	3.0	0.0%
8:00 AM	4	29.0	30.0	1.3	77.8	3.0	0.0%
8:00 AM	5	29.0	24.4	1.1	73.6	3.0	0.0%
8:00 AM	6	29.0	27.9	1.1	98.5	3.0	0.0%
8:00 AM	7	29.0	26.0	1.1	82.7	3.0	0.0%
8:00 AM	8	29.0	15.1	0.8	49.4	2.0	0.0%
8:00 AM	9	29.0	28.0	1.1	71.9	3.0	0.0%
8:00 AM	10	29.0	22.8	1.1	62.8	2.6	0.0%
7:15 AM	Avg	30.0	22.0	1.0	71.4	2.8	0.0%
7:30 AM	Avg	30.0	23.6	1.1	72.1	2.8	0.0%
7:45 AM	Avg	30.0	24.3	1.1	78.3	2.9	0.0%
8:00 AM	Avg	29.0	25.7	1.1	73.4	2.8	0.0%
SB L on [Unnamed Street] - Lane ID 274815							
7:15 AM	1	30.0	11.2	0.6	35.4	1.0	0.0%
7:15 AM	2	30.0	4.9	0.3	18.6	1.0	0.0%
7:15 AM	3	30.0	7.2	0.4	50.5	2.0	0.0%
7:15 AM	4	30.0	4.9	0.3	34.6	1.5	0.0%
7:15 AM	5	30.0	8.0	0.5	28.6	1.5	0.0%
7:15 AM	6	30.0	4.1	0.3	16.7	1.0	0.0%
7:15 AM	7	30.0	5.2	0.3	19.2	1.0	0.0%
7:15 AM	8	30.0	4.6	0.3	17.1	1.0	0.0%
7:15 AM	9	30.0	3.2	0.2	15.5	1.0	0.0%
7:15 AM	10	30.0	3.9	0.3	17.0	1.0	0.0%
7:30 AM	1	30.0	4.1	0.3	15.9	1.0	0.0%
7:30 AM	2	30.0	3.7	0.2	18.9	1.0	0.0%
7:30 AM	3	30.0	7.9	0.5	21.9	1.0	0.0%
7:30 AM	4	30.0	7.1	0.3	19.7	1.0	0.0%
7:30 AM	5	30.0	4.6	0.3	18.0	1.0	0.0%
7:30 AM	6	30.0	6.8	0.3	40.7	1.5	0.0%
7:30 AM	7	30.0	5.7	0.4	17.5	1.0	0.0%
7:30 AM	8	30.0	9.7	0.3	53.9	1.0	0.0%
7:30 AM	9	30.0	6.1	0.3	27.2	1.0	0.0%
7:30 AM	10	30.0	5.2	0.4	19.2	1.0	0.0%
7:45 AM	1	30.0	8.3	0.5	21.5	1.0	0.0%
7:45 AM	2	30.0	5.3	0.3	17.8	1.0	0.0%
7:45 AM	3	30.0	3.0	0.2	16.5	1.0	0.0%
7:45 AM	4	30.0	7.0	0.2	48.5	1.0	0.0%
7:45 AM	5	30.0	7.4	0.4	37.4	1.5	0.0%
7:45 AM	6	30.0	7.4	0.5	18.6	1.0	0.0%
7:45 AM	7	30.0	5.2	0.3	18.1	1.0	0.0%
7:45 AM	8	30.0	6.2	0.4	17.8	1.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	9	30.0	5.6	0.4	19.1	1.0	0.0%
7:45 AM	10	30.0	8.1	0.5	18.6	1.0	0.0%
8:00 AM	1	29.0	8.8	0.3	47.5	1.0	0.0%
8:00 AM	2	29.0	6.9	0.4	20.1	1.0	0.0%
8:00 AM	3	29.0	5.1	0.4	17.0	1.0	0.0%
8:00 AM	4	29.0	8.4	0.6	20.7	1.0	0.0%
8:00 AM	5	29.0	5.8	0.4	17.7	1.0	0.0%
8:00 AM	6	29.0	11.0	0.5	52.9	1.0	0.0%
8:00 AM	7	29.0	9.1	0.4	39.9	2.0	0.0%
8:00 AM	8	29.0	5.8	0.3	28.6	1.0	0.0%
8:00 AM	9	29.0	4.3	0.3	16.9	1.0	0.0%
8:00 AM	10	29.0	7.3	0.5	17.8	1.0	0.0%
7:15 AM	Avg	30.0	5.7	0.4	25.3	1.2	0.0%
7:30 AM	Avg	30.0	6.1	0.3	25.3	1.1	0.0%
7:45 AM	Avg	30.0	6.4	0.4	23.4	1.1	0.0%
8:00 AM	Avg	29.0	7.3	0.4	27.9	1.1	0.0%
SB R on [Unnamed Street] - Lane ID 274817							
7:15 AM	1	30.0	10.3	0.5	48.3	2.0	0.0%
7:15 AM	2	30.0	13.0	0.6	55.4	2.0	0.0%
7:15 AM	3	30.0	9.4	0.5	53.8	2.1	0.0%
7:15 AM	4	30.0	6.7	0.3	35.3	1.5	0.0%
7:15 AM	5	30.0	17.3	0.7	66.1	2.5	0.0%
7:15 AM	6	30.0	9.6	0.5	35.7	1.5	0.0%
7:15 AM	7	30.0	4.6	0.2	19.5	1.0	0.0%
7:15 AM	8	30.0	15.0	0.7	60.3	2.0	0.0%
7:15 AM	9	30.0	8.0	0.4	44.1	2.0	0.0%
7:15 AM	10	30.0	11.1	0.5	58.0	2.5	0.0%
7:30 AM	1	30.0	10.9	0.5	35.0	1.5	0.0%
7:30 AM	2	30.0	6.4	0.3	36.7	1.5	0.0%
7:30 AM	3	30.0	9.6	0.4	44.4	2.0	0.0%
7:30 AM	4	30.0	10.2	0.4	61.6	2.0	0.0%
7:30 AM	5	30.0	9.8	0.5	44.8	2.0	0.0%
7:30 AM	6	30.0	9.2	0.5	49.8	2.0	0.0%
7:30 AM	7	30.0	11.6	0.5	51.2	2.0	0.0%
7:30 AM	8	30.0	8.4	0.4	42.8	2.0	0.0%
7:30 AM	9	30.0	9.9	0.5	44.4	2.0	0.0%
7:30 AM	10	30.0	12.2	0.5	50.2	2.0	0.0%
7:45 AM	1	30.0	10.2	0.5	46.6	2.0	0.0%
7:45 AM	2	30.0	8.3	0.4	44.2	2.0	0.0%
7:45 AM	3	30.0	7.5	0.4	33.1	1.0	0.0%
7:45 AM	4	30.0	8.0	0.4	35.4	1.5	0.0%
7:45 AM	5	30.0	13.1	0.6	46.2	2.0	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	6	30.0	4.1	0.2	23.2	1.0	0.0%
7:45 AM	7	30.0	8.3	0.4	46.5	2.0	0.0%
7:45 AM	8	30.0	13.6	0.6	56.4	2.5	0.0%
7:45 AM	9	30.0	6.9	0.4	31.9	1.5	0.0%
7:45 AM	10	30.0	6.5	0.3	32.2	1.5	0.0%
8:00 AM	1	29.0	12.7	0.6	47.2	2.0	0.0%
8:00 AM	2	29.0	4.6	0.2	20.2	1.0	0.0%
8:00 AM	3	29.0	9.1	0.4	42.4	2.0	0.0%
8:00 AM	4	29.0	9.7	0.4	52.6	2.0	0.0%
8:00 AM	5	29.0	7.1	0.4	30.1	1.6	0.0%
8:00 AM	6	29.0	3.8	0.2	20.4	1.0	0.0%
8:00 AM	7	29.0	8.4	0.4	39.5	2.0	0.0%
8:00 AM	8	29.0	16.0	0.6	69.8	2.6	0.0%
8:00 AM	9	29.0	10.6	0.4	55.2	2.0	0.0%
8:00 AM	10	29.0	12.7	0.6	48.9	2.0	0.0%
7:15 AM	Avg	30.0	10.5	0.5	47.7	1.9	0.0%
7:30 AM	Avg	30.0	9.8	0.5	46.1	1.9	0.0%
7:45 AM	Avg	30.0	8.7	0.4	39.6	1.7	0.0%
8:00 AM	Avg	29.0	9.5	0.4	42.6	1.8	0.0%
SB T on [Unnamed Street] - Lane ID 274816							
7:15 AM	1	30.0	20.5	1.0	59.3	2.5	0.0%
7:15 AM	2	30.0	17.0	0.8	56.5	2.0	0.0%
7:15 AM	3	30.0	20.2	0.9	58.2	2.5	0.0%
7:15 AM	4	30.0	21.6	0.9	61.3	2.0	0.0%
7:15 AM	5	30.0	16.6	0.8	54.2	2.5	0.0%
7:15 AM	6	30.0	18.5	0.9	46.7	2.0	0.0%
7:15 AM	7	30.0	31.3	1.2	88.7	2.0	0.0%
7:15 AM	8	30.0	26.0	1.2	70.8	3.0	0.0%
7:15 AM	9	30.0	20.1	1.0	61.9	2.5	0.0%
7:15 AM	10	30.0	19.4	0.9	50.7	2.0	0.0%
7:30 AM	1	30.0	23.3	1.1	59.8	2.0	0.0%
7:30 AM	2	30.0	17.8	0.7	65.3	2.0	0.0%
7:30 AM	3	30.0	19.4	1.0	52.1	2.0	0.0%
7:30 AM	4	30.0	25.9	1.2	71.8	3.0	0.0%
7:30 AM	5	30.0	19.3	0.9	65.1	2.5	0.0%
7:30 AM	6	30.0	28.2	1.1	69.7	2.0	0.0%
7:30 AM	7	30.0	17.2	0.9	51.8	2.0	0.0%
7:30 AM	8	30.0	27.2	1.1	80.1	3.0	0.0%
7:30 AM	9	30.0	20.6	1.0	50.2	2.0	0.0%
7:30 AM	10	30.0	24.9	1.0	74.4	2.5	0.0%
7:45 AM	1	30.0	19.6	0.9	62.1	2.5	0.0%
7:45 AM	2	30.0	26.5	1.3	75.3	3.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	3	30.0	18.9	0.8	59.0	2.0	0.0%
7:45 AM	4	30.0	16.0	0.8	45.3	2.0	0.0%
7:45 AM	5	30.0	22.0	1.1	63.2	3.0	0.0%
7:45 AM	6	30.0	27.4	1.0	105.8	2.5	0.0%
7:45 AM	7	30.0	24.6	1.1	71.9	3.0	0.0%
7:45 AM	8	30.0	20.0	1.0	46.6	2.0	0.0%
7:45 AM	9	30.0	19.5	0.9	51.3	2.5	0.0%
7:45 AM	10	30.0	19.4	1.0	47.6	2.0	0.0%
8:00 AM	1	29.0	18.3	0.9	46.5	2.0	0.0%
8:00 AM	2	29.0	19.3	0.9	70.1	3.0	0.0%
8:00 AM	3	29.0	33.5	1.2	66.1	2.0	0.0%
8:00 AM	4	29.0	27.0	1.2	72.3	2.0	0.0%
8:00 AM	5	29.0	22.6	1.0	51.4	2.0	0.0%
8:00 AM	6	29.0	21.4	1.0	51.8	2.0	0.0%
8:00 AM	7	29.0	26.4	1.2	67.6	2.6	0.0%
8:00 AM	8	29.0	18.0	0.9	61.2	2.0	0.0%
8:00 AM	9	29.0	18.5	0.9	48.9	2.0	0.0%
8:00 AM	10	29.0	20.3	1.0	48.6	2.0	0.0%
7:15 AM	Avg	30.0	21.1	1.0	60.8	2.3	0.0%
7:30 AM	Avg	30.0	22.4	1.0	64.0	2.3	0.0%
7:45 AM	Avg	30.0	21.4	1.0	62.8	2.5	0.0%
8:00 AM	Avg	29.0	22.5	1.0	58.5	2.2	0.0%
WB L on LAKE AVE NW - Lane ID 274794							
7:15 AM	1	30.0	10.6	0.6	40.0	2.0	0.0%
7:15 AM	2	30.0	12.6	0.7	45.4	2.0	0.0%
7:15 AM	3	30.0	14.8	0.7	48.2	2.0	0.0%
7:15 AM	4	30.0	12.4	0.6	44.2	2.0	0.0%
7:15 AM	5	30.0	20.1	0.9	52.1	2.0	0.0%
7:15 AM	6	30.0	14.1	0.8	43.1	2.0	0.0%
7:15 AM	7	30.0	19.5	0.8	48.1	2.0	0.0%
7:15 AM	8	30.0	17.0	0.9	46.6	2.0	0.0%
7:15 AM	9	30.0	10.4	0.5	36.4	1.5	0.0%
7:15 AM	10	30.0	12.3	0.6	48.1	2.0	0.0%
7:30 AM	1	30.0	12.9	0.7	46.5	2.0	0.0%
7:30 AM	2	30.0	10.7	0.6	40.7	2.0	0.0%
7:30 AM	3	30.0	12.0	0.7	39.4	2.0	0.0%
7:30 AM	4	30.0	13.6	0.7	45.2	2.0	0.0%
7:30 AM	5	30.0	9.6	0.5	45.0	2.0	0.0%
7:30 AM	6	30.0	10.3	0.5	38.3	1.5	0.0%
7:30 AM	7	30.0	9.1	0.5	35.3	1.5	0.0%
7:30 AM	8	30.0	9.1	0.5	19.4	1.0	0.0%
7:30 AM	9	30.0	16.6	0.8	52.7	2.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	10	30.0	9.0	0.5	34.2	1.5	0.0%
7:45 AM	1	30.0	10.5	0.6	41.5	2.0	0.0%
7:45 AM	2	30.0	12.5	0.7	44.9	2.0	0.0%
7:45 AM	3	30.0	12.6	0.6	53.1	2.0	0.0%
7:45 AM	4	30.0	11.1	0.5	41.8	2.0	0.0%
7:45 AM	5	30.0	13.6	0.7	40.2	2.0	0.0%
7:45 AM	6	30.0	13.3	0.7	42.8	2.0	0.0%
7:45 AM	7	30.0	12.9	0.7	44.9	2.0	0.0%
7:45 AM	8	30.0	12.4	0.7	46.3	2.0	0.0%
7:45 AM	9	30.0	11.5	0.6	46.2	2.0	0.0%
7:45 AM	10	30.0	13.4	0.7	53.5	2.0	0.0%
8:00 AM	1	29.0	12.0	0.6	47.8	2.0	0.0%
8:00 AM	2	29.0	7.4	0.4	21.9	1.0	0.0%
8:00 AM	3	29.0	10.4	0.6	32.7	1.6	0.0%
8:00 AM	4	29.0	11.8	0.6	48.6	2.0	0.0%
8:00 AM	5	29.0	13.8	0.7	44.6	2.0	0.0%
8:00 AM	6	29.0	11.8	0.6	39.9	2.0	0.0%
8:00 AM	7	29.0	13.4	0.7	46.4	2.0	0.0%
8:00 AM	8	29.0	16.2	0.8	52.5	2.0	0.0%
8:00 AM	9	29.0	12.3	0.6	48.1	2.0	0.0%
8:00 AM	10	29.0	8.2	0.5	31.4	1.6	0.0%
7:15 AM	Avg	30.0	14.4	0.7	45.2	2.0	0.0%
7:30 AM	Avg	30.0	11.3	0.6	39.7	1.8	0.0%
7:45 AM	Avg	30.0	12.4	0.7	45.5	2.0	0.0%
8:00 AM	Avg	29.0	11.7	0.6	41.4	1.8	0.0%
WB TR on LAKE AVE NW - Lane ID 274784							
7:15 AM	1	30.0	47.7	1.8	153.7	5.5	0.0%
7:15 AM	2	30.0	20.4	0.8	102.6	4.0	0.0%
7:15 AM	3	30.0	49.4	1.8	174.0	6.0	0.0%
7:15 AM	4	30.0	54.8	2.1	183.1	6.6	0.0%
7:15 AM	5	30.0	31.3	1.2	148.4	5.0	0.0%
7:15 AM	6	30.0	32.2	1.3	107.2	4.0	0.0%
7:15 AM	7	30.0	55.1	2.2	176.2	6.5	0.0%
7:15 AM	8	30.0	37.3	1.3	148.4	5.0	0.0%
7:15 AM	9	30.0	42.0	1.5	167.0	6.0	0.0%
7:15 AM	10	30.0	53.4	1.9	172.2	5.5	0.0%
7:30 AM	1	30.0	57.6	2.1	194.8	7.0	0.0%
7:30 AM	2	30.0	76.4	2.6	239.5	7.0	0.0%
7:30 AM	3	30.0	32.4	1.3	148.8	5.5	0.0%
7:30 AM	4	30.0	39.6	1.5	148.4	5.0	0.0%
7:30 AM	5	30.0	46.9	1.8	167.9	6.1	0.0%
7:30 AM	6	30.0	45.4	1.6	148.4	5.5	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	7	30.0	30.4	1.2	148.4	5.0	0.0%
7:30 AM	8	30.0	47.0	1.6	164.5	6.0	0.0%
7:30 AM	9	30.0	41.4	1.6	148.4	5.0	0.0%
7:30 AM	10	30.0	44.6	1.7	170.5	6.0	0.0%
7:45 AM	1	30.0	45.7	1.6	155.1	5.5	0.0%
7:45 AM	2	30.0	49.9	1.9	183.6	7.0	0.0%
7:45 AM	3	30.0	49.5	2.0	170.5	6.0	0.0%
7:45 AM	4	30.0	73.5	2.8	266.5	9.6	0.0%
7:45 AM	5	30.0	35.6	1.4	184.2	6.5	0.0%
7:45 AM	6	30.0	43.7	1.7	163.5	6.0	0.0%
7:45 AM	7	30.0	49.6	1.8	176.2	6.5	0.0%
7:45 AM	8	30.0	42.6	1.7	153.0	6.0	0.0%
7:45 AM	9	30.0	37.7	1.4	156.4	5.5	0.0%
7:45 AM	10	30.0	63.1	2.2	283.8	9.9	0.0%
8:00 AM	1	29.0	31.5	1.3	149.7	5.8	0.0%
8:00 AM	2	29.0	39.4	1.6	156.9	5.6	0.0%
8:00 AM	3	29.0	50.2	1.9	187.9	7.0	0.0%
8:00 AM	4	29.0	43.8	1.7	148.4	5.6	0.0%
8:00 AM	5	29.0	40.0	1.7	160.7	6.6	0.0%
8:00 AM	6	29.0	38.3	1.4	150.5	5.2	0.0%
8:00 AM	7	29.0	50.1	1.8	201.8	6.0	0.0%
8:00 AM	8	29.0	98.4	3.6	311.4	10.6	0.0%
8:00 AM	9	29.0	57.2	2.0	215.9	6.6	0.0%
8:00 AM	10	29.0	52.2	1.9	177.7	6.6	0.0%
7:15 AM	Avg	30.0	42.4	1.6	153.3	5.4	0.0%
7:30 AM	Avg	30.0	46.2	1.7	168.0	5.8	0.0%
7:45 AM	Avg	30.0	49.1	1.9	189.3	6.9	0.0%
8:00 AM	Avg	29.0	50.1	1.9	186.1	6.6	0.0%

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	5.2	3.8	1.7	15.0	10
7:30 AM	4.2	1.9	1.6	7.5	10
7:45 AM	3.3	1.5	0.8	5.9	10
8:00 AM	4.4	1.3	2.1	6.1	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	108.0	20.5	71.2	140.8	10
7:30 AM	161.4	60.8	91.0	257.0	10
7:45 AM	142.5	49.6	85.7	239.2	10
8:00 AM	126.5	69.2	80.4	316.9	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	6.1	2.8	2.8	11.6	10
7:30 AM	4.9	1.0	3.4	6.8	10
7:45 AM	5.3	1.8	2.7	9.1	10
8:00 AM	5.0	2.0	2.0	8.7	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	34.3	6.7	26.1	49.4	10
7:30 AM	32.0	5.8	20.9	37.7	10
7:45 AM	30.9	4.8	25.3	39.1	10
8:00 AM	35.0	9.4	19.6	50.9	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	42.0	11.2	27.0	60.1	10
7:30 AM	38.1	7.6	24.2	52.6	10
7:45 AM	41.5	5.3	35.1	51.0	10
8:00 AM	38.2	8.5	26.5	48.1	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	25.6	8.5	16.0	42.8	10
7:30 AM	41.2	8.5	29.9	57.1	10
7:45 AM	39.7	31.0	15.2	117.6	10
8:00 AM	46.2	19.2	21.4	71.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	24.8	7.1	15.6	38.6	10
7:30 AM	26.1	8.5	15.7	46.3	10
7:45 AM	29.3	13.7	15.0	65.0	10
8:00 AM	27.3	6.5	16.4	35.9	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	27.2	7.0	19.5	39.8	10
7:30 AM	27.2	6.8	18.5	41.5	10
7:45 AM	33.6	7.8	21.8	46.0	10
8:00 AM	33.2	11.3	24.0	61.3	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	43.5	10.0	32.6	58.3	10
7:30 AM	51.4	19.5	28.2	83.8	10
7:45 AM	57.7	18.8	21.1	86.1	10
8:00 AM	56.6	23.2	21.1	102.4	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	2.2	1.2	0.0	4.3	10
7:30 AM	1.8	0.9	0.0	3.0	10
7:45 AM	2.3	0.8	1.5	4.0	10
8:00 AM	2.1	1.2	0.3	3.8	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	8.6	3.9	4.4	17.5	10
7:30 AM	9.5	4.3	2.8	16.4	10
7:45 AM	8.8	2.8	6.4	15.0	10
8:00 AM	11.8	4.1	5.4	18.5	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
7:15 AM	79.0	7.4	66.0	91.1	10
7:30 AM	81.2	6.6	73.1	94.6	10
7:45 AM	76.3	4.1	67.9	81.7	10
8:00 AM	76.5	10.5	65.5	91.4	10
EB R on LAKE AVE NW - Lane ID 274812					
7:15 AM	0.1	0.4	0.0	1.2	10
7:30 AM	0.1	0.2	0.0	0.6	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
7:15 AM	4.2	2.6	1.8	8.3	10
7:30 AM	5.4	2.4	1.5	8.8	10
7:45 AM	4.9	3.7	1.2	13.7	10
8:00 AM	5.9	3.1	1.8	10.3	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	2.6	1.2	1.0	4.6	10
7:30 AM	1.3	0.5	0.6	2.0	10
7:45 AM	1.7	1.0	0.5	3.1	10
8:00 AM	2.3	1.2	0.0	4.3	10
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	22.0	3.5	15.9	27.2	10
7:30 AM	23.6	6.2	15.7	34.8	10
7:45 AM	24.3	3.9	17.8	29.3	10
8:00 AM	25.7	5.3	15.1	33.5	10
SB L on [Unnamed Street] - Lane ID 274815					
7:15 AM	5.7	2.4	3.2	11.2	10
7:30 AM	6.1	1.8	3.7	9.7	10
7:45 AM	6.4	1.6	3.0	8.3	10
8:00 AM	7.3	2.1	4.3	11.0	10
SB R on [Unnamed Street] - Lane ID 274817					
7:15 AM	10.5	3.8	4.6	17.3	10
7:30 AM	9.8	1.6	6.4	12.2	10
7:45 AM	8.7	2.9	4.1	13.6	10
8:00 AM	9.5	3.8	3.8	16.0	10
SB T on [Unnamed Street] - Lane ID 274816					
7:15 AM	21.1	4.4	16.6	31.3	10
7:30 AM	22.4	4.0	17.2	28.2	10
7:45 AM	21.4	3.7	16.0	27.4	10
8:00 AM	22.5	5.0	18.0	33.5	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	14.4	3.5	10.4	20.1	10
7:30 AM	11.3	2.5	9.0	16.6	10
7:45 AM	12.4	1.0	10.5	13.6	10
8:00 AM	11.7	2.6	7.4	16.2	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	42.4	11.8	20.4	55.1	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
7:30 AM	46.2	13.1	30.4	76.4	10
7:45 AM	49.1	11.5	35.6	73.5	10
8:00 AM	50.1	18.6	31.5	98.4	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.2	0.1	0.0	0.3	10
8:00 AM	0.2	0.1	0.1	0.3	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	4.1	0.7	2.8	5.3	10
7:30 AM	5.8	2.0	3.4	8.9	10
7:45 AM	5.3	1.6	3.5	8.5	10
8:00 AM	4.7	2.3	3.1	11.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	0.3	0.1	0.2	0.5	10
7:30 AM	0.3	0.0	0.2	0.3	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.1	0.1	0.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	1.4	0.3	1.1	2.0	10
7:30 AM	1.4	0.2	0.9	1.6	10
7:45 AM	1.3	0.2	1.1	1.6	10
8:00 AM	1.5	0.3	0.9	2.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	1.7	0.4	1.1	2.3	10
7:30 AM	1.5	0.3	1.0	2.1	10
7:45 AM	1.7	0.3	1.3	2.1	10
8:00 AM	1.5	0.3	1.1	1.9	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	1.1	0.3	0.7	1.7	10
7:30 AM	1.7	0.3	1.2	2.2	10
7:45 AM	1.6	1.0	0.8	4.1	10
8:00 AM	1.9	0.6	1.0	2.7	10

SB T on GREAT LAKES BLVD NW - Lane ID 262208

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	1.0	0.3	0.7	1.5	10
7:30 AM	1.1	0.3	0.7	1.8	10
7:45 AM	1.2	0.5	0.7	2.4	10
8:00 AM	1.1	0.3	0.7	1.5	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	1.1	0.3	0.8	1.5	10
7:30 AM	1.1	0.2	0.8	1.6	10
7:45 AM	1.3	0.3	1.0	1.8	10
8:00 AM	1.2	0.4	0.8	2.1	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	1.7	0.3	1.3	2.4	10
7:30 AM	2.0	0.6	1.2	2.9	10
7:45 AM	2.2	0.6	0.9	3.1	10
8:00 AM	2.2	0.8	0.9	3.7	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	0.1	0.0	0.0	0.2	10
7:30 AM	0.1	0.0	0.0	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	0.4	0.2	0.2	0.8	10
7:30 AM	0.5	0.2	0.2	0.8	10
7:45 AM	0.4	0.2	0.3	0.8	10
8:00 AM	0.5	0.2	0.3	0.8	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
7:15 AM	3.0	0.3	2.4	3.4	10
7:30 AM	3.0	0.2	2.7	3.3	10
7:45 AM	2.9	0.2	2.6	3.2	10
8:00 AM	2.9	0.3	2.5	3.3	10
EB R on LAKE AVE NW - Lane ID 274812					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.1	0.4	10
7:45 AM	0.2	0.1	0.1	0.5	10
8:00 AM	0.3	0.1	0.1	0.5	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	0.2	0.0	0.1	0.2	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	1.0	0.1	0.8	1.2	10
7:30 AM	1.1	0.2	0.8	1.4	10
7:45 AM	1.1	0.1	0.8	1.2	10
8:00 AM	1.1	0.2	0.8	1.3	10
SB L on [Unnamed Street] - Lane ID 274815					
7:15 AM	0.4	0.1	0.2	0.6	10
7:30 AM	0.3	0.1	0.2	0.5	10
7:45 AM	0.4	0.1	0.2	0.5	10
8:00 AM	0.4	0.1	0.3	0.6	10
SB R on [Unnamed Street] - Lane ID 274817					
7:15 AM	0.5	0.2	0.2	0.7	10
7:30 AM	0.5	0.1	0.3	0.5	10
7:45 AM	0.4	0.1	0.2	0.6	10
8:00 AM	0.4	0.1	0.2	0.6	10
SB T on [Unnamed Street] - Lane ID 274816					
7:15 AM	1.0	0.1	0.8	1.2	10
7:30 AM	1.0	0.1	0.7	1.2	10
7:45 AM	1.0	0.2	0.8	1.3	10
8:00 AM	1.0	0.1	0.9	1.2	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	0.7	0.1	0.5	0.9	10
7:30 AM	0.6	0.1	0.5	0.8	10
7:45 AM	0.7	0.1	0.5	0.7	10
8:00 AM	0.6	0.1	0.4	0.8	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	1.6	0.4	0.8	2.2	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
7:30 AM	1.7	0.4	1.2	2.6	10
7:45 AM	1.9	0.4	1.4	2.8	10
8:00 AM	1.9	0.6	1.3	3.6	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	27.5	23.8	15.4	92.2	10
7:30 AM	19.8	6.0	12.2	35.3	10
7:45 AM	15.4	5.6	0.0	19.3	10
8:00 AM	22.0	7.8	16.2	39.7	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	270.1	46.5	206.2	359.8	10
7:30 AM	390.4	135.4	246.8	601.8	10
7:45 AM	345.0	128.5	190.5	610.3	10
8:00 AM	307.2	120.6	219.9	622.7	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	29.3	15.1	17.3	65.1	10
7:30 AM	22.5	6.8	16.3	33.6	10
7:45 AM	24.7	11.0	15.3	47.6	10
8:00 AM	22.8	12.0	15.7	47.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	97.6	13.4	80.0	122.1	10
7:30 AM	97.2	10.9	71.3	106.6	10
7:45 AM	89.2	13.5	74.3	117.8	10
8:00 AM	101.8	15.6	74.7	130.2	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	126.2	20.5	99.8	157.1	10
7:30 AM	123.3	15.2	95.5	145.1	10
7:45 AM	138.0	14.2	119.3	159.7	10
8:00 AM	125.7	26.6	82.1	160.7	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	91.9	34.9	47.8	158.2	10
7:30 AM	124.1	27.7	87.0	175.8	10
7:45 AM	102.7	51.7	47.6	224.0	10
8:00 AM	119.6	37.9	64.0	164.8	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	116.4	28.2	80.4	161.2	10
7:30 AM	100.7	21.6	56.3	135.6	10
7:45 AM	134.2	74.1	84.5	332.0	10
8:00 AM	121.5	34.8	67.9	176.3	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	120.1	32.4	74.6	174.8	10
7:30 AM	111.9	24.8	75.5	157.4	10
7:45 AM	133.5	33.3	80.3	180.5	10
8:00 AM	133.2	34.8	106.1	225.9	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	163.4	24.0	128.0	197.2	10
7:30 AM	177.5	40.6	134.6	255.5	10
7:45 AM	184.0	46.2	123.0	263.7	10
8:00 AM	178.9	56.0	51.8	255.3	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	14.4	6.6	0.0	20.9	10
7:30 AM	12.8	5.5	0.0	18.1	10
7:45 AM	16.8	2.5	13.2	20.0	10
8:00 AM	13.6	9.7	0.0	28.4	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	39.2	15.5	16.6	72.7	10
7:30 AM	38.5	18.7	17.0	69.7	10
7:45 AM	33.9	10.1	19.2	54.4	10
8:00 AM	48.9	15.9	20.9	67.2	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
7:15 AM	203.6	21.3	175.7	241.8	10
7:30 AM	211.3	19.2	181.3	247.2	10
7:45 AM	197.5	18.4	160.4	227.1	10
8:00 AM	192.6	21.5	155.9	231.4	10
EB R on LAKE AVE NW - Lane ID 274812					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
7:15 AM	26.8	16.4	7.8	60.1	10
7:30 AM	34.8	16.2	13.3	58.4	10
7:45 AM	28.5	23.7	8.2	87.8	10
8:00 AM	39.1	24.1	16.9	74.8	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	18.0	6.9	8.3	29.1	10
7:30 AM	9.7	6.5	0.0	17.0	10
7:45 AM	9.7	7.7	0.0	19.4	10
8:00 AM	15.8	7.9	0.0	30.5	10
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	71.4	12.0	50.0	91.6	10
7:30 AM	72.1	14.5	48.0	102.5	10
7:45 AM	78.3	16.3	47.1	100.6	10
8:00 AM	73.4	15.5	49.4	98.5	10
SB L on [Unnamed Street] - Lane ID 274815					
7:15 AM	25.3	11.7	15.5	50.5	10
7:30 AM	25.3	12.4	15.9	53.9	10
7:45 AM	23.4	10.7	16.5	48.5	10
8:00 AM	27.9	13.8	16.9	52.9	10
SB R on [Unnamed Street] - Lane ID 274817					
7:15 AM	47.7	14.2	19.5	66.1	10
7:30 AM	46.1	7.6	35.0	61.6	10
7:45 AM	39.6	9.9	23.2	56.4	10
8:00 AM	42.6	15.7	20.2	69.8	10
SB T on [Unnamed Street] - Lane ID 274816					
7:15 AM	60.8	11.8	46.7	88.7	10
7:30 AM	64.0	10.3	50.2	80.1	10
7:45 AM	62.8	18.4	45.3	105.8	10
8:00 AM	58.5	10.0	46.5	72.3	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	45.2	4.5	36.4	52.1	10
7:30 AM	39.7	9.1	19.4	52.7	10
7:45 AM	45.5	4.6	40.2	53.5	10
8:00 AM	41.4	9.7	21.9	52.5	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	153.3	28.1	102.6	183.1	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
7:30 AM	168.0	29.4	148.4	239.5	10
7:45 AM	189.3	46.8	153.0	283.8	10
8:00 AM	186.1	49.9	148.4	311.4	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	1.1	0.2	1.0	1.5	10
7:30 AM	1.0	0.0	1.0	1.0	10
7:45 AM	0.9	0.3	0.0	1.0	10
8:00 AM	1.0	0.0	1.0	1.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	9.8	1.7	7.5	13.1	10
7:30 AM	13.5	4.3	9.0	20.1	10
7:45 AM	12.3	4.2	7.5	21.5	10
8:00 AM	11.1	4.3	7.0	21.6	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	1.2	0.3	1.0	1.5	10
7:30 AM	1.1	0.2	1.0	1.5	10
7:45 AM	1.2	0.3	1.0	2.0	10
8:00 AM	1.1	0.3	1.0	2.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	3.6	0.5	3.0	4.5	10
7:30 AM	3.7	0.5	3.0	4.0	10
7:45 AM	3.4	0.4	3.0	4.0	10
8:00 AM	3.9	0.5	3.0	4.6	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	4.7	0.8	3.5	6.0	10
7:30 AM	4.6	0.4	4.0	5.1	10
7:45 AM	5.2	0.4	4.5	6.1	10
8:00 AM	4.6	0.8	3.0	5.6	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	3.5	1.2	2.0	6.5	10
7:30 AM	4.6	0.7	4.0	6.0	10
7:45 AM	4.1	1.7	2.0	7.5	10
8:00 AM	4.3	1.0	2.6	5.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	4.4	0.9	3.1	6.1	10
7:30 AM	3.9	0.9	2.5	5.5	10
7:45 AM	4.8	2.0	3.5	10.0	10
8:00 AM	4.7	1.4	2.6	6.8	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	4.6	1.2	3.0	6.1	10
7:30 AM	4.3	0.7	3.0	5.5	10
7:45 AM	5.0	1.1	3.0	6.5	10
8:00 AM	4.6	0.9	3.0	6.0	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	5.9	0.7	5.0	7.0	10
7:30 AM	6.5	1.1	5.0	8.0	10
7:45 AM	6.3	0.9	5.0	7.6	10
8:00 AM	6.4	1.9	2.0	8.8	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	0.8	0.3	0.0	1.0	10
7:30 AM	0.8	0.4	0.0	1.0	10
7:45 AM	1.0	0.0	1.0	1.0	10
8:00 AM	0.7	0.4	0.0	1.0	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	1.7	0.6	1.0	3.0	10
7:30 AM	1.7	0.7	1.0	3.0	10
7:45 AM	1.5	0.5	1.0	2.5	10
8:00 AM	2.0	0.6	1.0	3.0	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
7:15 AM	7.0	0.7	5.0	7.5	10
7:30 AM	7.5	0.5	7.0	8.2	10
7:45 AM	7.4	0.6	6.0	8.0	10
8:00 AM	6.8	0.5	6.0	7.6	10
EB R on LAKE AVE NW - Lane ID 274812					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
7:15 AM	1.3	0.6	0.5	2.5	10
7:30 AM	1.6	0.5	1.0	2.0	10
7:45 AM	1.3	0.8	0.5	3.0	10
8:00 AM	1.7	0.8	1.0	3.0	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	1.1	0.2	1.0	1.5	10
7:30 AM	0.7	0.4	0.0	1.0	10
7:45 AM	0.6	0.4	0.0	1.0	10
8:00 AM	1.0	0.5	0.0	1.6	10
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	2.8	0.3	2.0	3.0	10
7:30 AM	2.8	0.4	2.0	3.0	10
7:45 AM	2.9	0.5	2.0	3.5	10
8:00 AM	2.8	0.4	2.0	3.0	10
SB L on [Unnamed Street] - Lane ID 274815					
7:15 AM	1.2	0.3	1.0	2.0	10
7:30 AM	1.1	0.2	1.0	1.5	10
7:45 AM	1.1	0.2	1.0	1.5	10
8:00 AM	1.1	0.3	1.0	2.0	10
SB R on [Unnamed Street] - Lane ID 274817					
7:15 AM	1.9	0.5	1.0	2.5	10
7:30 AM	1.9	0.2	1.5	2.0	10
7:45 AM	1.7	0.5	1.0	2.5	10
8:00 AM	1.8	0.5	1.0	2.6	10
SB T on [Unnamed Street] - Lane ID 274816					
7:15 AM	2.3	0.3	2.0	3.0	10
7:30 AM	2.3	0.4	2.0	3.0	10
7:45 AM	2.5	0.4	2.0	3.0	10
8:00 AM	2.2	0.4	2.0	3.0	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	2.0	0.2	1.5	2.0	10
7:30 AM	1.8	0.4	1.0	2.0	10
7:45 AM	2.0	0.0	2.0	2.0	10
8:00 AM	1.8	0.3	1.0	2.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	5.4	0.9	4.0	6.6	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
7:30 AM	5.8	0.8	5.0	7.0	10
7:45 AM	6.9	1.6	5.5	9.9	10
8:00 AM	6.6	1.5	5.2	10.6	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.1	0.0	0.2	10
8:00 AM	0.0	0.1	0.0	0.3	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.1	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
7:15 AM	0.0	0.0	0.0	0.1	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.1	10
EB R on LAKE AVE NW - Lane ID 274812					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB L on [Unnamed Street] - Lane ID 274804					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NB TR on [Unnamed Street] - Lane ID 274788					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB L on [Unnamed Street] - Lane ID 274815					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB R on [Unnamed Street] - Lane ID 274817					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on [Unnamed Street] - Lane ID 274816					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 274794					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
7:15 AM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on LAKE AVE NW: Superlink ID 52029					
3:30 PM	1	9.0	0.20	67.9	E
3:30 PM	2	10.0	0.20	81.6	F
3:30 PM	3	11.0	0.20	56.8	E
3:30 PM	4	12.0	0.30	75.3	E
3:30 PM	5	11.0	0.20	74.2	E
3:30 PM	6	9.0	0.20	70.3	E
3:30 PM	7	10.0	0.20	56.6	E
3:30 PM	8	9.0	0.20	99.0	F
3:30 PM	9	10.0	0.10	49.5	D
3:30 PM	10	9.0	0.30	118.1	F
3:45 PM	1	9.0	0.40	167.2	F
3:45 PM	2	9.0	0.30	127.6	F
3:45 PM	3	10.0	0.20	59.7	E
3:45 PM	4	9.0	0.10	58.6	E
3:45 PM	5	9.0	0.20	63.1	E
3:45 PM	6	11.0	0.20	52.2	D
3:45 PM	7	9.0	0.10	59.3	E
3:45 PM	8	9.0	0.40	153.3	F
3:45 PM	9	9.0	0.10	36.8	D
3:45 PM	10	11.0	0.30	89.5	F
4:00 PM	1	11.0	0.40	116.7	F
4:00 PM	2	11.0	0.30	88.2	F
4:00 PM	3	8.0	0.40	169.6	F
4:00 PM	4	10.0	0.30	102.9	F
4:00 PM	5	11.0	0.20	62.7	E
4:00 PM	6	9.0	0.10	36.9	D
4:00 PM	7	11.0	0.40	141.3	F
4:00 PM	8	11.0	0.50	173.1	F
4:00 PM	9	10.0	0.20	79.3	E
4:00 PM	10	10.0	0.20	73.4	E
4:15 PM	1	9.0	0.40	153.8	F
4:15 PM	2	10.0	0.20	69.6	E
4:15 PM	3	10.0	0.40	148.6	F
4:15 PM	4	10.0	0.20	60.7	E
4:15 PM	5	9.0	0.10	53.1	D
4:15 PM	6	10.0	0.20	75.5	E

4:15 PM	7	10.0	0.20	85.0	F
4:15 PM	8	11.0	0.40	142.9	F
4:15 PM	9	10.0	0.20	61.7	E
4:15 PM	10	9.0	0.30	114.1	F
3:30 PM	Avg	10.0	0.21	74.9	E
3:45 PM	Avg	9.5	0.23	86.7	F
4:00 PM	Avg	10.2	0.30	104.4	F
4:15 PM	Avg	9.8	0.26	96.5	F

EB TR on LAKE AVE NW: Superlink ID 52029

3:30 PM	1	79.0	1.40	65.6	E
3:30 PM	2	92.0	1.30	50.8	D
3:30 PM	3	94.0	1.20	46.2	D
3:30 PM	4	99.0	1.60	58.3	E
3:30 PM	5	94.0	1.50	58.7	E
3:30 PM	6	94.0	1.30	49.6	D
3:30 PM	7	92.0	1.00	41.1	D
3:30 PM	8	74.0	2.10	103.0	F
3:30 PM	9	91.0	1.10	45.5	D
3:30 PM	10	85.0	3.10	131.1	F
3:45 PM	1	93.0	4.10	157.3	F
3:45 PM	2	89.0	3.10	127.2	F
3:45 PM	3	90.0	1.20	46.9	D
3:45 PM	4	82.0	1.30	57.2	E
3:45 PM	5	90.0	1.50	60.7	E
3:45 PM	6	91.0	1.00	38.8	D
3:45 PM	7	78.0	0.90	42.4	D
3:45 PM	8	85.0	4.20	177.3	F
3:45 PM	9	93.0	1.10	42.0	D
3:45 PM	10	93.0	2.30	88.3	F
4:00 PM	1	97.0	3.10	113.6	F
4:00 PM	2	96.0	1.50	57.0	E
4:00 PM	3	82.0	3.80	165.4	F
4:00 PM	4	102.0	2.70	93.6	F
4:00 PM	5	95.0	1.20	46.7	D
4:00 PM	6	93.0	1.10	44.1	D
4:00 PM	7	104.0	3.40	119.0	F
4:00 PM	8	106.0	4.80	163.5	F
4:00 PM	9	92.0	1.40	56.1	E
4:00 PM	10	98.0	2.00	71.9	E
4:15 PM	1	91.0	3.30	131.0	F
4:15 PM	2	90.0	1.50	60.6	E
4:15 PM	3	90.0	3.40	136.4	F
4:15 PM	4	92.0	1.30	51.3	D
4:15 PM	5	91.0	1.30	51.5	D
4:15 PM	6	89.0	1.50	62.3	E
4:15 PM	7	96.0	1.50	57.3	E

4:15 PM	8	100.0	3.90	140.2	F
4:15 PM	9	94.0	1.50	55.9	E
4:15 PM	10	89.0	2.60	104.9	F
3:30 PM	Avg	89.4	1.56	65.0	E
3:45 PM	Avg	88.4	2.07	83.8	F
4:00 PM	Avg	96.5	2.50	93.1	F
4:15 PM	Avg	92.2	2.18	85.1	F

NWB L on GREAT LAKES BLVD NW: Superlink ID 52044

3:30 PM	1	4.0	0.10	47.6	D
3:30 PM	2	6.0	0.10	34.3	C
3:30 PM	3	5.0	0.10	73.4	E
3:30 PM	4	6.0	0.10	64.1	E
3:30 PM	5	5.0	0.10	58.8	E
3:30 PM	6	5.0	0.10	62.2	E
3:30 PM	7	4.0	0.10	61.7	E
3:30 PM	8	4.0	0.10	54.5	D
3:30 PM	9	5.0	0.10	45.3	D
3:30 PM	10	5.0	0.10	39.4	D
3:45 PM	1	5.0	0.10	50.1	D
3:45 PM	2	4.0	0.10	51.7	D
3:45 PM	3	5.0	0.10	55.9	E
3:45 PM	4	4.0	0.10	45.5	D
3:45 PM	5	4.0	0.10	59.7	E
3:45 PM	6	5.0	0.10	48.3	D
3:45 PM	7	6.0	0.10	71.2	E
3:45 PM	8	5.0	0.10	67.3	E
3:45 PM	9	4.0	0.00	42.0	D
3:45 PM	10	5.0	0.10	67.1	E
4:00 PM	1	6.0	0.10	58.1	E
4:00 PM	2	5.0	0.10	57.6	E
4:00 PM	3	5.0	0.10	52.7	D
4:00 PM	4	6.0	0.10	55.3	E
4:00 PM	5	6.0	0.10	44.6	D
4:00 PM	6	4.0	0.10	45.4	D
4:00 PM	7	4.0	0.10	67.3	E
4:00 PM	8	6.0	0.10	71.9	E
4:00 PM	9	6.0	0.10	71.5	E
4:00 PM	10	5.0	0.10	37.6	D
4:15 PM	1	4.0	0.10	64.3	E
4:15 PM	2	6.0	0.10	58.0	E
4:15 PM	3	6.0	0.10	56.6	E
4:15 PM	4	4.0	0.10	53.4	D
4:15 PM	5	5.0	0.10	60.2	E
4:15 PM	6	6.0	0.10	69.2	E
4:15 PM	7	5.0	0.10	38.1	D
4:15 PM	8	5.0	0.10	50.0	D

4:15 PM	9	4.0	0.10	49.7	D
4:15 PM	10	5.0	0.10	47.3	D
3:30 PM	Avg	4.9	0.10	54.1	D
3:45 PM	Avg	4.7	0.09	55.9	E
4:00 PM	Avg	5.3	0.10	56.2	E
4:15 PM	Avg	5.0	0.10	54.7	D

NWB T on GREAT LAKES BLVD NW: Superlink ID 52044

3:30 PM	1	85.0	0.80	33.7	C
3:30 PM	2	93.0	0.80	32.7	C
3:30 PM	3	86.0	0.70	27.7	C
3:30 PM	4	95.0	0.90	34.1	C
3:30 PM	5	93.0	0.90	35.8	D
3:30 PM	6	82.0	0.70	31.6	C
3:30 PM	7	88.0	0.80	33.4	C
3:30 PM	8	88.0	0.80	33.3	C
3:30 PM	9	88.0	0.80	32.1	C
3:30 PM	10	94.0	0.90	34.8	C
3:45 PM	1	85.0	0.80	31.9	C
3:45 PM	2	89.0	0.80	34.1	C
3:45 PM	3	86.0	0.80	33.4	C
3:45 PM	4	85.0	0.80	32.7	C
3:45 PM	5	79.0	0.80	35.9	D
3:45 PM	6	89.0	0.80	32.8	C
3:45 PM	7	86.0	0.80	32.7	C
3:45 PM	8	94.0	0.90	34.3	C
3:45 PM	9	91.0	0.80	33.6	C
3:45 PM	10	94.0	1.00	38.0	D
4:00 PM	1	88.0	0.80	32.8	C
4:00 PM	2	92.0	0.90	34.9	C
4:00 PM	3	87.0	0.80	32.5	C
4:00 PM	4	92.0	0.90	35.0	D
4:00 PM	5	93.0	1.00	38.2	D
4:00 PM	6	85.0	0.80	34.3	C
4:00 PM	7	90.0	0.90	34.6	C
4:00 PM	8	91.0	0.80	33.5	C
4:00 PM	9	84.0	0.80	34.3	C
4:00 PM	10	94.0	0.80	32.1	C
4:15 PM	1	89.0	0.80	31.8	C
4:15 PM	2	81.0	0.80	34.0	C
4:15 PM	3	94.0	1.00	37.6	D
4:15 PM	4	86.0	0.70	30.2	C
4:15 PM	5	87.0	0.80	34.2	C
4:15 PM	6	90.0	0.90	34.0	C
4:15 PM	7	90.0	0.90	34.8	C
4:15 PM	8	87.0	0.80	31.8	C
4:15 PM	9	88.0	1.00	39.4	D

4:15 PM	10	93.0	0.90	35.5	D
3:30 PM	Avg	89.2	0.81	32.9	C
3:45 PM	Avg	87.8	0.83	33.9	C
4:00 PM	Avg	89.6	0.85	34.2	C
4:15 PM	Avg	88.5	0.86	34.3	C

NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044

3:30 PM	1	117.0	1.00	31.6	C
3:30 PM	2	113.0	1.10	34.1	C
3:30 PM	3	118.0	1.00	29.2	C
3:30 PM	4	108.0	1.20	39.0	D
3:30 PM	5	103.0	2.00	71.2	E
3:30 PM	6	121.0	0.90	25.7	C
3:30 PM	7	114.0	1.20	36.8	D
3:30 PM	8	113.0	1.10	35.8	D
3:30 PM	9	112.0	1.10	35.4	D
3:30 PM	10	109.0	1.20	40.8	D
3:45 PM	1	119.0	1.00	29.2	C
3:45 PM	2	113.0	1.20	38.3	D
3:45 PM	3	118.0	1.00	29.5	C
3:45 PM	4	119.0	0.90	26.2	C
3:45 PM	5	130.0	1.00	29.0	C
3:45 PM	6	110.0	0.90	30.1	C
3:45 PM	7	118.0	1.10	34.0	C
3:45 PM	8	111.0	1.30	41.4	D
3:45 PM	9	112.0	0.90	30.4	C
3:45 PM	10	110.0	1.70	54.2	D
4:00 PM	1	111.0	1.10	34.4	C
4:00 PM	2	112.0	1.20	40.2	D
4:00 PM	3	112.0	1.00	32.4	C
4:00 PM	4	112.0	1.40	45.4	D
4:00 PM	5	104.0	1.30	45.5	D
4:00 PM	6	117.0	1.00	31.4	C
4:00 PM	7	110.0	1.30	43.2	D
4:00 PM	8	110.0	1.20	39.4	D
4:00 PM	9	117.0	1.10	33.0	C
4:00 PM	10	106.0	0.90	29.2	C
4:15 PM	1	116.0	1.10	33.0	C
4:15 PM	2	117.0	1.00	29.6	C
4:15 PM	3	111.0	1.40	44.7	D
4:15 PM	4	114.0	1.00	31.2	C
4:15 PM	5	119.0	1.10	34.8	C
4:15 PM	6	111.0	1.10	36.4	D
4:15 PM	7	114.0	1.20	37.2	D
4:15 PM	8	116.0	1.20	35.7	D
4:15 PM	9	118.0	1.20	37.7	D
4:15 PM	10	108.0	1.30	43.7	D

3:30 PM	Avg	112.8	1.18	38.0	D
3:45 PM	Avg	116.0	1.10	34.2	C
4:00 PM	Avg	111.1	1.15	37.4	D
4:15 PM	Avg	114.4	1.16	36.4	D

SB L on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	23.0	0.30	50.1	D
3:30 PM	2	21.0	0.30	43.9	D
3:30 PM	3	22.0	0.30	53.4	D
3:30 PM	4	25.0	0.50	72.8	E
3:30 PM	5	22.0	0.30	56.7	E
3:30 PM	6	22.0	0.30	42.5	D
3:30 PM	7	25.0	0.30	40.1	D
3:30 PM	8	21.0	0.40	62.8	E
3:30 PM	9	23.0	0.30	46.4	D
3:30 PM	10	23.0	0.60	89.3	F
3:45 PM	1	35.0	0.80	79.4	E
3:45 PM	2	35.0	0.80	81.6	F
3:45 PM	3	32.0	0.60	61.9	E
3:45 PM	4	35.0	0.70	73.7	E
3:45 PM	5	36.0	0.80	76.3	E
3:45 PM	6	39.0	0.90	85.6	F
3:45 PM	7	33.0	1.10	119.9	F
3:45 PM	8	37.0	0.70	63.8	E
3:45 PM	9	36.0	0.60	63.5	E
3:45 PM	10	31.0	0.50	53.9	D
4:00 PM	1	34.0	0.50	50.0	D
4:00 PM	2	34.0	1.00	108.0	F
4:00 PM	3	36.0	0.80	79.6	E
4:00 PM	4	29.0	0.60	78.2	E
4:00 PM	5	34.0	0.60	62.9	E
4:00 PM	6	32.0	0.50	51.3	D
4:00 PM	7	34.0	0.70	72.6	E
4:00 PM	8	36.0	0.40	41.7	D
4:00 PM	9	37.0	0.80	73.6	E
4:00 PM	10	36.0	1.20	123.1	F
4:15 PM	1	32.0	0.50	60.9	E
4:15 PM	2	36.0	0.90	88.7	F
4:15 PM	3	36.0	1.10	109.9	F
4:15 PM	4	40.0	1.00	87.0	F
4:15 PM	5	33.0	0.60	68.9	E
4:15 PM	6	33.0	0.80	86.0	F
4:15 PM	7	37.0	0.60	61.6	E
4:15 PM	8	31.0	0.40	49.1	D
4:15 PM	9	31.0	0.60	69.1	E
4:15 PM	10	35.0	1.10	117.2	F

3:30 PM	Avg	22.7	0.36	55.8	E
3:45 PM	Avg	34.9	0.75	76.0	E
4:00 PM	Avg	34.2	0.71	74.1	E
4:15 PM	Avg	34.4	0.76	79.8	E

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	39.0	0.20	22.9	C
3:30 PM	2	30.0	0.30	30.6	C
3:30 PM	3	37.0	0.30	26.2	C
3:30 PM	4	39.0	0.30	27.3	C
3:30 PM	5	30.0	0.20	20.5	C
3:30 PM	6	34.0	0.20	24.5	C
3:30 PM	7	32.0	0.20	20.0	B
3:30 PM	8	35.0	0.20	16.8	B
3:30 PM	9	32.0	0.20	19.9	B
3:30 PM	10	34.0	0.20	26.1	C
3:45 PM	1	54.0	0.30	21.6	C
3:45 PM	2	51.0	0.40	26.5	C
3:45 PM	3	47.0	0.30	20.6	C
3:45 PM	4	52.0	0.40	28.7	C
3:45 PM	5	54.0	0.30	20.7	C
3:45 PM	6	48.0	0.30	22.7	C
3:45 PM	7	51.0	0.30	24.0	C
3:45 PM	8	52.0	0.30	21.8	C
3:45 PM	9	51.0	0.40	27.2	C
3:45 PM	10	48.0	0.30	25.5	C
4:00 PM	1	50.0	0.30	24.9	C
4:00 PM	2	35.0	0.30	27.9	C
4:00 PM	3	50.0	0.30	24.5	C
4:00 PM	4	48.0	0.30	25.6	C
4:00 PM	5	47.0	0.40	28.0	C
4:00 PM	6	44.0	0.30	25.3	C
4:00 PM	7	45.0	0.20	19.8	B
4:00 PM	8	49.0	0.20	13.3	B
4:00 PM	9	54.0	0.30	18.0	B
4:00 PM	10	37.0	0.30	25.7	C
4:15 PM	1	36.0	0.20	20.5	C
4:15 PM	2	51.0	0.40	28.2	C
4:15 PM	3	46.0	0.40	27.4	C
4:15 PM	4	45.0	0.30	26.0	C
4:15 PM	5	52.0	0.50	35.5	D
4:15 PM	6	48.0	0.40	28.1	C
4:15 PM	7	45.0	0.40	33.8	C
4:15 PM	8	52.0	0.40	25.2	C
4:15 PM	9	53.0	0.30	21.7	C
4:15 PM	10	50.0	0.30	18.4	B
3:30 PM	Avg	34.2	0.23	23.5	C

3:45 PM	Avg	50.8	0.33	23.9	C
4:00 PM	Avg	45.9	0.29	23.3	C
4:15 PM	Avg	47.8	0.36	26.5	C

SB TR on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	35.0	0.20	21.9	C
3:30 PM	2	43.0	0.30	29.3	C
3:30 PM	3	41.0	0.30	23.7	C
3:30 PM	4	41.0	0.40	31.2	C
3:30 PM	5	30.0	0.20	23.0	C
3:30 PM	6	37.0	0.20	19.3	B
3:30 PM	7	42.0	0.20	17.2	B
3:30 PM	8	33.0	0.20	16.4	B
3:30 PM	9	34.0	0.30	28.6	C
3:30 PM	10	44.0	0.30	23.9	C
3:45 PM	1	52.0	0.30	20.6	C
3:45 PM	2	63.0	0.50	27.6	C
3:45 PM	3	51.0	0.30	24.7	C
3:45 PM	4	48.0	0.40	32.7	C
3:45 PM	5	61.0	0.40	20.8	C
3:45 PM	6	58.0	0.40	22.8	C
3:45 PM	7	57.0	0.40	27.6	C
3:45 PM	8	52.0	0.40	25.1	C
3:45 PM	9	60.0	0.30	20.4	C
3:45 PM	10	47.0	0.40	27.1	C
4:00 PM	1	53.0	0.30	21.9	C
4:00 PM	2	56.0	0.30	16.6	B
4:00 PM	3	51.0	0.30	20.1	C
4:00 PM	4	45.0	0.30	27.2	C
4:00 PM	5	52.0	0.40	26.7	C
4:00 PM	6	54.0	0.30	19.2	B
4:00 PM	7	48.0	0.20	17.5	B
4:00 PM	8	57.0	0.30	17.9	B
4:00 PM	9	45.0	0.30	20.6	C
4:00 PM	10	57.0	0.30	17.7	B
4:15 PM	1	47.0	0.30	23.3	C
4:15 PM	2	56.0	0.40	26.1	C
4:15 PM	3	58.0	0.40	23.0	C
4:15 PM	4	64.0	0.30	19.3	B
4:15 PM	5	55.0	0.50	31.3	C
4:15 PM	6	60.0	0.40	26.7	C
4:15 PM	7	55.0	0.50	32.4	C
4:15 PM	8	50.0	0.40	31.0	C
4:15 PM	9	46.0	0.30	27.3	C
4:15 PM	10	62.0	0.30	15.9	B
3:30 PM	Avg	38.0	0.26	23.5	C
3:45 PM	Avg	54.9	0.38	24.9	C

4:00 PM	Avg	51.8	0.30	20.5	C
4:15 PM	Avg	55.3	0.38	25.6	C

WB L on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	73.0	0.50	24.0	C
3:30 PM	2	72.0	0.50	27.4	C
3:30 PM	3	69.0	0.40	22.8	C
3:30 PM	4	68.0	0.40	22.5	C
3:30 PM	5	74.0	0.50	22.1	C
3:30 PM	6	70.0	0.40	22.5	C
3:30 PM	7	72.0	0.50	26.6	C
3:30 PM	8	73.0	0.40	17.9	B
3:30 PM	9	72.0	0.40	22.3	C
3:30 PM	10	71.0	0.50	25.3	C
3:45 PM	1	71.0	0.40	21.8	C
3:45 PM	2	68.0	0.40	22.9	C
3:45 PM	3	71.0	0.50	26.7	C
3:45 PM	4	77.0	0.60	25.9	C
3:45 PM	5	72.0	0.50	27.1	C
3:45 PM	6	75.0	0.40	19.8	B
3:45 PM	7	77.0	0.50	24.7	C
3:45 PM	8	72.0	0.40	20.4	C
3:45 PM	9	72.0	0.60	31.6	C
3:45 PM	10	76.0	0.60	28.9	C
4:00 PM	1	69.0	0.60	31.5	C
4:00 PM	2	81.0	0.80	33.7	C
4:00 PM	3	72.0	0.60	28.1	C
4:00 PM	4	72.0	0.50	23.8	C
4:00 PM	5	73.0	0.50	26.3	C
4:00 PM	6	70.0	0.50	26.2	C
4:00 PM	7	69.0	0.70	35.9	D
4:00 PM	8	68.0	0.50	25.5	C
4:00 PM	9	69.0	0.40	22.9	C
4:00 PM	10	70.0	0.80	39.4	D
4:15 PM	1	75.0	0.70	34.4	C
4:15 PM	2	71.0	0.50	23.8	C
4:15 PM	3	75.0	0.70	35.5	D
4:15 PM	4	71.0	0.40	20.4	C
4:15 PM	5	73.0	0.40	19.8	B
4:15 PM	6	73.0	0.40	20.7	C
4:15 PM	7	69.0	0.50	26.3	C
4:15 PM	8	72.0	1.00	48.2	D
4:15 PM	9	74.0	0.40	21.3	C
4:15 PM	10	71.0	0.50	27.3	C
3:30 PM	Avg	71.4	0.45	23.3	C
3:45 PM	Avg	73.1	0.49	25.0	C
4:00 PM	Avg	71.3	0.59	29.4	C

4:15 PM	Avg	72.4	0.55	27.8	C

WB R on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	25.0	0.00	4.2	A
3:30 PM	2	26.0	0.00	3.6	A
3:30 PM	3	27.0	0.00	4.8	A
3:30 PM	4	24.0	0.00	3.9	A
3:30 PM	5	24.0	0.00	4.4	A
3:30 PM	6	24.0	0.00	3.2	A
3:30 PM	7	26.0	0.00	4.4	A
3:30 PM	8	25.0	0.00	4.5	A
3:30 PM	9	26.0	0.00	6.2	A
3:30 PM	10	26.0	0.00	5.2	A
3:45 PM	1	25.0	0.00	5.1	A
3:45 PM	2	25.0	0.00	3.7	A
3:45 PM	3	25.0	0.00	5.1	A
3:45 PM	4	26.0	0.00	4.7	A
3:45 PM	5	26.0	0.00	4.0	A
3:45 PM	6	25.0	0.00	4.8	A
3:45 PM	7	24.0	0.00	3.8	A
3:45 PM	8	25.0	0.00	4.8	A
3:45 PM	9	25.0	0.00	3.2	A
3:45 PM	10	23.0	0.00	2.9	A
4:00 PM	1	25.0	0.00	4.2	A
4:00 PM	2	25.0	0.00	4.5	A
4:00 PM	3	25.0	0.00	5.9	A
4:00 PM	4	24.0	0.00	2.4	A
4:00 PM	5	24.0	0.00	5.2	A
4:00 PM	6	26.0	0.00	4.1	A
4:00 PM	7	27.0	0.00	3.5	A
4:00 PM	8	26.0	0.00	3.7	A
4:00 PM	9	22.0	0.00	7.6	A
4:00 PM	10	25.0	0.00	3.7	A
4:15 PM	1	25.0	0.00	5.7	A
4:15 PM	2	24.0	0.00	4.9	A
4:15 PM	3	21.0	0.00	3.0	A
4:15 PM	4	25.0	0.00	3.2	A
4:15 PM	5	24.0	0.00	4.1	A
4:15 PM	6	27.0	0.00	3.5	A
4:15 PM	7	23.0	0.00	5.5	A
4:15 PM	8	23.0	0.00	6.7	A
4:15 PM	9	27.0	0.00	4.3	A
4:15 PM	10	27.0	0.00	3.6	A
3:30 PM	Avg	25.3	0.00	4.4	A
3:45 PM	Avg	24.9	0.00	4.2	A
4:00 PM	Avg	24.9	0.00	4.5	A
4:15 PM	Avg	24.6	0.00	4.5	A

WB T on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	89.0	0.30	11.2	B
3:30 PM	2	93.0	0.30	11.5	B
3:30 PM	3	90.0	0.40	14.4	B
3:30 PM	4	90.0	0.30	12.8	B
3:30 PM	5	89.0	0.30	13.9	B
3:30 PM	6	89.0	0.30	12.3	B
3:30 PM	7	90.0	0.30	13.7	B
3:30 PM	8	90.0	0.30	10.4	B
3:30 PM	9	88.0	0.30	10.8	B
3:30 PM	10	88.0	0.30	13.5	B
3:45 PM	1	89.0	0.30	11.9	B
3:45 PM	2	90.0	0.30	12.1	B
3:45 PM	3	90.0	0.40	16.0	B
3:45 PM	4	90.0	0.30	11.7	B
3:45 PM	5	90.0	1.20	47.8	D
3:45 PM	6	91.0	0.40	16.2	B
3:45 PM	7	89.0	0.30	12.3	B
3:45 PM	8	88.0	0.30	11.6	B
3:45 PM	9	90.0	0.30	12.1	B
3:45 PM	10	90.0	0.30	11.7	B
4:00 PM	1	89.0	0.30	13.5	B
4:00 PM	2	88.0	0.30	12.6	B
4:00 PM	3	89.0	0.30	10.9	B
4:00 PM	4	90.0	0.30	12.1	B
4:00 PM	5	91.0	0.30	13.8	B
4:00 PM	6	88.0	0.40	14.9	B
4:00 PM	7	92.0	0.30	12.8	B
4:00 PM	8	92.0	0.30	13.1	B
4:00 PM	9	89.0	0.40	14.6	B
4:00 PM	10	90.0	0.30	13.8	B
4:15 PM	1	91.0	0.30	13.7	B
4:15 PM	2	92.0	0.40	15.9	B
4:15 PM	3	92.0	0.30	11.6	B
4:15 PM	4	90.0	0.30	11.3	B
4:15 PM	5	89.0	0.30	12.6	B
4:15 PM	6	90.0	0.30	12.1	B
4:15 PM	7	88.0	0.40	14.3	B
4:15 PM	8	87.0	0.40	16.5	B
4:15 PM	9	90.0	0.40	15.7	B
4:15 PM	10	91.0	0.30	13.3	B
3:30 PM	Avg	89.6	0.31	12.4	B
3:45 PM	Avg	89.7	0.41	16.3	B
4:00 PM	Avg	89.8	0.32	13.2	B
4:15 PM	Avg	90.0	0.34	13.7	B

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	1	67.0	0.80	40.9	D
3:30 PM	2	71.0	0.80	40.9	D
3:30 PM	3	73.0	0.80	40.8	D
3:30 PM	4	76.0	0.90	44.2	D
3:30 PM	5	72.0	0.90	42.8	D
3:30 PM	6	72.0	0.80	41.5	D
3:30 PM	7	73.0	0.90	43.3	D
3:30 PM	8	64.0	0.80	43.3	D
3:30 PM	9	71.0	0.80	42.3	D
3:30 PM	10	67.0	0.80	41.4	D
3:45 PM	1	77.0	0.80	39.7	D
3:45 PM	2	75.0	0.80	39.8	D
3:45 PM	3	76.0	0.90	41.8	D
3:45 PM	4	73.0	0.80	39.6	D
3:45 PM	5	79.0	0.80	37.2	D
3:45 PM	6	78.0	0.90	40.0	D
3:45 PM	7	75.0	0.80	39.2	D
3:45 PM	8	78.0	0.90	40.5	D
3:45 PM	9	78.0	0.90	42.5	D
3:45 PM	10	80.0	0.90	42.3	D
4:00 PM	1	79.0	0.90	41.7	D
4:00 PM	2	79.0	0.90	39.9	D
4:00 PM	3	70.0	0.80	43.7	D
4:00 PM	4	80.0	0.90	42.8	D
4:00 PM	5	79.0	0.80	37.5	D
4:00 PM	6	77.0	0.80	38.9	D
4:00 PM	7	77.0	0.90	40.3	D
4:00 PM	8	80.0	1.00	44.4	D
4:00 PM	9	79.0	0.90	39.1	D
4:00 PM	10	76.0	0.90	42.8	D
4:15 PM	1	76.0	0.90	41.3	D
4:15 PM	2	78.0	0.90	39.4	D
4:15 PM	3	81.0	1.00	43.3	D
4:15 PM	4	76.0	0.90	42.4	D
4:15 PM	5	76.0	0.90	40.8	D
4:15 PM	6	74.0	0.90	43.3	D
4:15 PM	7	79.0	0.80	37.6	D
4:15 PM	8	78.0	0.80	38.1	D
4:15 PM	9	78.0	0.90	41.3	D
4:15 PM	10	76.0	0.90	43.6	D
3:30 PM	Avg	70.6	0.83	42.1	D
3:45 PM	Avg	76.9	0.85	40.2	D
4:00 PM	Avg	77.6	0.88	41.1	D

4:15 PM	Avg	77.2	0.89	41.1	D

EB R on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	9.0	0.00	1.5	A
3:30 PM	2	10.0	0.00	1.7	A
3:30 PM	3	11.0	0.00	1.8	A
3:30 PM	4	9.0	0.00	2.7	A
3:30 PM	5	10.0	0.00	2.9	A
3:30 PM	6	9.0	0.00	1.9	A
3:30 PM	7	10.0	0.00	3.1	A
3:30 PM	8	9.0	0.00	1.6	A
3:30 PM	9	11.0	0.00	0.2	A
3:30 PM	10	10.0	0.00	2.3	A
3:45 PM	1	10.0	0.00	3.4	A
3:45 PM	2	10.0	0.00	2.3	A
3:45 PM	3	9.0	0.00	2.3	A
3:45 PM	4	11.0	0.00	3.5	A
3:45 PM	5	11.0	0.00	2.9	A
3:45 PM	6	10.0	0.00	3.2	A
3:45 PM	7	10.0	0.00	1.5	A
3:45 PM	8	8.0	0.00	3.4	A
3:45 PM	9	10.0	0.00	2.6	A
3:45 PM	10	9.0	0.00	2.1	A
4:00 PM	1	9.0	0.00	1.5	A
4:00 PM	2	12.0	0.00	2.0	A
4:00 PM	3	9.0	0.00	2.5	A
4:00 PM	4	12.0	0.00	2.9	A
4:00 PM	5	9.0	0.00	0.9	A
4:00 PM	6	9.0	0.00	2.7	A
4:00 PM	7	10.0	0.00	2.3	A
4:00 PM	8	11.0	0.00	2.1	A
4:00 PM	9	9.0	0.00	0.5	A
4:00 PM	10	10.0	0.00	1.6	A
4:15 PM	1	11.0	0.00	4.6	A
4:15 PM	2	9.0	0.00	3.9	A
4:15 PM	3	10.0	0.00	1.8	A
4:15 PM	4	7.0	0.00	2.2	A
4:15 PM	5	9.0	0.00	3.1	A
4:15 PM	6	11.0	0.00	3.1	A
4:15 PM	7	12.0	0.00	3.2	A
4:15 PM	8	11.0	0.00	1.1	A
4:15 PM	9	10.0	0.00	1.4	A
4:15 PM	10	11.0	0.00	3.9	A
3:30 PM	Avg	9.8	0.00	2.0	A
3:45 PM	Avg	9.8	0.00	2.7	A
4:00 PM	Avg	10.0	0.00	1.9	A
4:15 PM	Avg	10.1	0.00	2.8	A

EB T on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	110.0	0.20	5.7	A
3:30 PM	2	116.0	0.20	7.1	A
3:30 PM	3	116.0	0.20	6.9	A
3:30 PM	4	121.0	0.20	5.7	A
3:30 PM	5	116.0	0.20	7.1	A
3:30 PM	6	118.0	0.20	6.5	A
3:30 PM	7	118.0	0.20	7.1	A
3:30 PM	8	106.0	0.20	7.4	A
3:30 PM	9	115.0	0.20	6.7	A
3:30 PM	10	115.0	0.20	5.9	A
3:45 PM	1	124.0	0.30	7.5	A
3:45 PM	2	122.0	0.20	7.0	A
3:45 PM	3	126.0	0.30	7.2	A
3:45 PM	4	121.0	0.30	8.6	A
3:45 PM	5	126.0	0.30	9.7	A
3:45 PM	6	125.0	0.30	9.2	A
3:45 PM	7	117.0	0.20	7.5	A
3:45 PM	8	124.0	0.20	6.5	A
3:45 PM	9	127.0	0.30	7.6	A
3:45 PM	10	124.0	0.20	6.2	A
4:00 PM	1	126.0	0.20	6.6	A
4:00 PM	2	125.0	0.30	8.3	A
4:00 PM	3	120.0	0.30	8.1	A
4:00 PM	4	127.0	0.30	7.1	A
4:00 PM	5	126.0	0.20	6.8	A
4:00 PM	6	125.0	0.30	7.5	A
4:00 PM	7	130.0	0.20	5.8	A
4:00 PM	8	134.0	0.30	7.0	A
4:00 PM	9	124.0	0.20	7.0	A
4:00 PM	10	128.0	0.30	9.5	A
4:15 PM	1	125.0	0.30	9.5	A
4:15 PM	2	124.0	0.20	7.0	A
4:15 PM	3	123.0	0.20	7.3	A
4:15 PM	4	128.0	0.30	7.4	A
4:15 PM	5	123.0	0.20	6.6	A
4:15 PM	6	121.0	0.30	8.3	A
4:15 PM	7	128.0	0.30	7.5	A
4:15 PM	8	124.0	0.20	6.3	A
4:15 PM	9	125.0	0.30	7.5	A
4:15 PM	10	119.0	0.20	6.7	A
3:30 PM	Avg	115.1	0.20	6.6	A
3:45 PM	Avg	123.6	0.26	7.7	A
4:00 PM	Avg	126.5	0.26	7.4	A
4:15 PM	Avg	124.0	0.25	7.4	A

NB L on [Unnamed Street]: Superlink ID 55106

3:30 PM	1	7.0	0.10	30.0	C
3:30 PM	2	8.0	0.10	56.5	E
3:30 PM	3	7.0	0.10	49.7	D
3:30 PM	4	8.0	0.10	56.4	E
3:30 PM	5	7.0	0.10	35.4	D
3:30 PM	6	9.0	0.10	43.5	D
3:30 PM	7	7.0	0.10	27.9	C
3:30 PM	8	8.0	0.10	56.6	E
3:30 PM	9	6.0	0.10	39.7	D
3:30 PM	10	7.0	0.10	50.0	D
3:45 PM	1	6.0	0.10	41.0	D
3:45 PM	2	8.0	0.10	34.2	C
3:45 PM	3	7.0	0.10	44.4	D
3:45 PM	4	6.0	0.10	39.9	D
3:45 PM	5	9.0	0.10	43.9	D
3:45 PM	6	7.0	0.10	35.1	D
3:45 PM	7	7.0	0.10	39.4	D
3:45 PM	8	7.0	0.00	12.6	B
3:45 PM	9	7.0	0.10	35.3	D
3:45 PM	10	7.0	0.10	45.3	D
4:00 PM	1	8.0	0.10	41.9	D
4:00 PM	2	7.0	0.10	42.0	D
4:00 PM	3	7.0	0.10	37.5	D
4:00 PM	4	9.0	0.10	35.0	C
4:00 PM	5	6.0	0.10	54.3	D
4:00 PM	6	8.0	0.10	37.1	D
4:00 PM	7	7.0	0.10	66.1	E
4:00 PM	8	9.0	0.10	32.6	C
4:00 PM	9	8.0	0.10	49.1	D
4:00 PM	10	8.0	0.10	54.1	D
4:15 PM	1	7.0	0.00	20.3	C
4:15 PM	2	8.0	0.10	38.9	D
4:15 PM	3	7.0	0.10	34.5	C
4:15 PM	4	8.0	0.10	26.4	C
4:15 PM	5	8.0	0.10	45.5	D
4:15 PM	6	7.0	0.10	52.4	D
4:15 PM	7	9.0	0.10	44.6	D
4:15 PM	8	7.0	0.10	43.5	D
4:15 PM	9	6.0	0.10	47.7	D
4:15 PM	10	8.0	0.10	38.4	D
3:30 PM	Avg	7.4	0.10	44.6	D
3:45 PM	Avg	7.1	0.09	37.1	D
4:00 PM	Avg	7.7	0.10	45.0	D
4:15 PM	Avg	7.5	0.09	39.2	D

NB TR on [Unnamed Street]: Superlink ID 55106

3:30 PM	1	64.0	0.60	32.8	C
3:30 PM	2	65.0	0.60	31.9	C
3:30 PM	3	66.0	0.50	29.6	C
3:30 PM	4	64.0	0.50	27.7	C
3:30 PM	5	63.0	0.60	33.1	C
3:30 PM	6	65.0	0.50	30.3	C
3:30 PM	7	65.0	0.60	33.9	C
3:30 PM	8	63.0	0.60	32.6	C
3:30 PM	9	64.0	0.60	33.5	C
3:30 PM	10	65.0	0.50	27.1	C
3:45 PM	1	66.0	0.50	27.6	C
3:45 PM	2	65.0	0.50	28.7	C
3:45 PM	3	65.0	0.60	32.1	C
3:45 PM	4	63.0	0.50	29.3	C
3:45 PM	5	67.0	0.60	30.9	C
3:45 PM	6	66.0	0.60	34.5	C
3:45 PM	7	65.0	0.60	30.7	C
3:45 PM	8	67.0	0.60	31.5	C
3:45 PM	9	66.0	0.60	30.8	C
3:45 PM	10	64.0	0.60	31.8	C
4:00 PM	1	64.0	0.60	32.9	C
4:00 PM	2	65.0	0.50	26.5	C
4:00 PM	3	64.0	0.50	26.7	C
4:00 PM	4	67.0	0.60	31.5	C
4:00 PM	5	64.0	0.50	30.9	C
4:00 PM	6	64.0	0.50	27.1	C
4:00 PM	7	66.0	0.60	34.9	C
4:00 PM	8	64.0	0.50	30.1	C
4:00 PM	9	66.0	0.60	31.9	C
4:00 PM	10	66.0	0.60	32.0	C
4:15 PM	1	65.0	0.50	28.0	C
4:15 PM	2	66.0	0.60	31.4	C
4:15 PM	3	66.0	0.50	26.5	C
4:15 PM	4	64.0	0.60	33.6	C
4:15 PM	5	65.0	0.60	33.6	C
4:15 PM	6	65.0	0.50	27.8	C
4:15 PM	7	65.0	0.50	30.2	C
4:15 PM	8	65.0	0.50	29.1	C
4:15 PM	9	65.0	0.60	30.7	C
4:15 PM	10	64.0	0.60	33.0	C
3:30 PM	Avg	64.4	0.56	31.3	C
3:45 PM	Avg	65.4	0.57	30.8	C
4:00 PM	Avg	65.0	0.55	30.4	C
4:15 PM	Avg	65.0	0.55	30.4	C

SB L on [Unnamed Street]: Superlink ID 55104

3:30 PM	1	10.0	0.10	52.6	D
3:30 PM	2	10.0	0.20	57.2	E
3:30 PM	3	11.0	0.20	53.6	D
3:30 PM	4	10.0	0.10	42.6	D
3:30 PM	5	10.0	0.10	39.7	D
3:30 PM	6	10.0	0.10	44.7	D
3:30 PM	7	10.0	0.10	45.3	D
3:30 PM	8	10.0	0.10	32.9	C
3:30 PM	9	10.0	0.10	53.1	D
3:30 PM	10	10.0	0.10	46.8	D
3:45 PM	1	10.0	0.10	42.7	D
3:45 PM	2	10.0	0.10	48.6	D
3:45 PM	3	9.0	0.10	43.6	D
3:45 PM	4	10.0	0.10	46.3	D
3:45 PM	5	10.0	0.10	35.3	D
3:45 PM	6	10.0	0.20	65.4	E
3:45 PM	7	10.0	0.10	24.0	C
3:45 PM	8	10.0	0.10	37.4	D
3:45 PM	9	11.0	0.10	27.6	C
3:45 PM	10	10.0	0.10	47.5	D
4:00 PM	1	10.0	0.10	46.9	D
4:00 PM	2	10.0	0.10	50.8	D
4:00 PM	3	10.0	0.10	46.9	D
4:00 PM	4	10.0	0.10	43.4	D
4:00 PM	5	10.0	0.10	39.1	D
4:00 PM	6	10.0	0.10	32.9	C
4:00 PM	7	10.0	0.10	38.2	D
4:00 PM	8	10.0	0.10	49.2	D
4:00 PM	9	9.0	0.10	45.0	D
4:00 PM	10	10.0	0.10	33.2	C
4:15 PM	1	10.0	0.10	48.4	D
4:15 PM	2	10.0	0.10	51.3	D
4:15 PM	3	10.0	0.10	42.6	D
4:15 PM	4	10.0	0.10	53.7	D
4:15 PM	5	10.0	0.10	53.8	D
4:15 PM	6	10.0	0.10	40.1	D
4:15 PM	7	10.0	0.10	39.0	D
4:15 PM	8	10.0	0.20	55.9	E
4:15 PM	9	10.0	0.20	63.0	E
4:15 PM	10	10.0	0.10	46.8	D
3:30 PM	Avg	10.1	0.12	46.8	D
3:45 PM	Avg	10.0	0.11	41.8	D
4:00 PM	Avg	9.9	0.10	42.6	D
4:15 PM	Avg	10.0	0.12	49.5	D

SB R on [Unnamed Street]: Superlink ID 55104

3:30 PM	1	54.0	0.20	10.1	B

3:30 PM	2	56.0	0.20	10.7	B
3:30 PM	3	55.0	0.20	9.9	A
3:30 PM	4	54.0	0.20	11.8	B
3:30 PM	5	54.0	0.10	8.0	A
3:30 PM	6	55.0	0.10	9.7	A
3:30 PM	7	55.0	0.20	10.9	B
3:30 PM	8	55.0	0.10	8.4	A
3:30 PM	9	54.0	0.20	10.1	B
3:30 PM	10	56.0	0.20	11.9	B
3:45 PM	1	56.0	0.10	8.7	A
3:45 PM	2	54.0	0.10	9.5	A
3:45 PM	3	57.0	0.20	13.3	B
3:45 PM	4	56.0	0.10	8.7	A
3:45 PM	5	56.0	0.20	11.0	B
3:45 PM	6	54.0	0.20	10.3	B
3:45 PM	7	54.0	0.20	11.8	B
3:45 PM	8	53.0	0.10	8.9	A
3:45 PM	9	55.0	0.20	12.2	B
3:45 PM	10	55.0	0.20	9.9	A
4:00 PM	1	54.0	0.10	9.2	A
4:00 PM	2	57.0	0.20	10.6	B
4:00 PM	3	53.0	0.20	10.9	B
4:00 PM	4	54.0	0.20	10.8	B
4:00 PM	5	55.0	0.10	9.5	A
4:00 PM	6	56.0	0.20	10.8	B
4:00 PM	7	57.0	0.20	9.6	A
4:00 PM	8	56.0	0.20	12.2	B
4:00 PM	9	54.0	0.10	8.1	A
4:00 PM	10	55.0	0.20	11.5	B
4:15 PM	1	57.0	0.10	8.9	A
4:15 PM	2	55.0	0.20	12.9	B
4:15 PM	3	55.0	0.10	9.0	A
4:15 PM	4	54.0	0.10	9.4	A
4:15 PM	5	54.0	0.10	9.6	A
4:15 PM	6	55.0	0.20	11.2	B
4:15 PM	7	54.0	0.10	9.5	A
4:15 PM	8	54.0	0.20	15.0	B
4:15 PM	9	55.0	0.20	10.0	B
4:15 PM	10	54.0	0.20	10.1	B
3:30 PM	Avg	54.8	0.17	10.2	B
3:45 PM	Avg	55.0	0.16	10.4	B
4:00 PM	Avg	55.1	0.17	10.3	B
4:15 PM	Avg	54.7	0.15	10.6	B

SB T on [Unnamed Street]: Superlink ID 55104

3:30 PM	1	34.0	0.20	25.1	C
3:30 PM	2	36.0	0.30	25.3	C

3:30 PM	3	35.0	0.30	28.4	C
3:30 PM	4	36.0	0.40	37.5	D
3:30 PM	5	35.0	0.30	28.5	C
3:30 PM	6	35.0	0.30	26.7	C
3:30 PM	7	34.0	0.20	25.4	C
3:30 PM	8	35.0	0.30	29.5	C
3:30 PM	9	35.0	0.30	25.9	C
3:30 PM	10	35.0	0.30	30.6	C
3:45 PM	1	36.0	0.30	28.1	C
3:45 PM	2	35.0	0.30	30.6	C
3:45 PM	3	35.0	0.20	25.2	C
3:45 PM	4	34.0	0.30	28.2	C
3:45 PM	5	36.0	0.30	28.1	C
3:45 PM	6	34.0	0.30	28.5	C
3:45 PM	7	36.0	0.30	33.8	C
3:45 PM	8	35.0	0.30	28.6	C
3:45 PM	9	35.0	0.20	24.3	C
3:45 PM	10	34.0	0.20	26.0	C
4:00 PM	1	34.0	0.30	27.6	C
4:00 PM	2	35.0	0.30	28.4	C
4:00 PM	3	35.0	0.30	26.6	C
4:00 PM	4	36.0	0.30	25.7	C
4:00 PM	5	35.0	0.30	30.7	C
4:00 PM	6	36.0	0.30	29.0	C
4:00 PM	7	35.0	0.20	25.3	C
4:00 PM	8	35.0	0.30	28.7	C
4:00 PM	9	35.0	0.30	28.4	C
4:00 PM	10	36.0	0.30	27.9	C
4:15 PM	1	36.0	0.30	30.3	C
4:15 PM	2	34.0	0.30	32.5	C
4:15 PM	3	34.0	0.30	26.7	C
4:15 PM	4	34.0	0.30	29.6	C
4:15 PM	5	35.0	0.20	23.0	C
4:15 PM	6	35.0	0.30	29.6	C
4:15 PM	7	35.0	0.20	21.6	C
4:15 PM	8	35.0	0.30	29.6	C
4:15 PM	9	34.0	0.30	29.6	C
4:15 PM	10	35.0	0.20	24.9	C
3:30 PM	Avg	35.0	0.29	28.3	C
3:45 PM	Avg	35.0	0.27	28.1	C
4:00 PM	Avg	35.2	0.29	27.8	C
4:15 PM	Avg	34.7	0.27	27.7	C

WB L on LAKE AVE NW: Superlink ID 55105

3:30 PM	1	23.0	0.30	45.9	D
3:30 PM	2	21.0	0.30	46.4	D
3:30 PM	3	21.0	0.20	40.0	D

3:30 PM	4	23.0	0.30	45.0	D
3:30 PM	5	23.0	0.30	46.3	D
3:30 PM	6	22.0	0.20	40.8	D
3:30 PM	7	23.0	0.30	48.4	D
3:30 PM	8	22.0	0.30	46.1	D
3:30 PM	9	23.0	0.30	43.7	D
3:30 PM	10	22.0	0.30	42.9	D
3:45 PM	1	22.0	0.30	42.2	D
3:45 PM	2	23.0	0.30	52.6	D
3:45 PM	3	23.0	0.30	47.3	D
3:45 PM	4	22.0	0.30	42.9	D
3:45 PM	5	22.0	0.30	45.1	D
3:45 PM	6	24.0	0.30	41.3	D
3:45 PM	7	22.0	0.20	38.7	D
3:45 PM	8	23.0	0.30	47.7	D
3:45 PM	9	23.0	0.30	44.2	D
3:45 PM	10	22.0	0.40	59.5	E
4:00 PM	1	22.0	0.30	50.2	D
4:00 PM	2	23.0	0.30	51.0	D
4:00 PM	3	24.0	0.40	57.9	E
4:00 PM	4	22.0	0.30	47.9	D
4:00 PM	5	23.0	0.40	57.3	E
4:00 PM	6	22.0	0.30	42.4	D
4:00 PM	7	23.0	0.30	47.9	D
4:00 PM	8	22.0	0.20	36.9	D
4:00 PM	9	22.0	0.30	43.7	D
4:00 PM	10	22.0	0.40	61.4	E
4:15 PM	1	24.0	0.30	45.2	D
4:15 PM	2	23.0	0.30	42.5	D
4:15 PM	3	22.0	0.30	48.6	D
4:15 PM	4	24.0	0.30	40.8	D
4:15 PM	5	21.0	0.30	46.5	D
4:15 PM	6	22.0	0.30	47.1	D
4:15 PM	7	22.0	0.30	47.5	D
4:15 PM	8	22.0	0.40	58.5	E
4:15 PM	9	22.0	0.20	37.8	D
4:15 PM	10	23.0	0.30	46.1	D
3:30 PM	Avg	22.3	0.28	44.6	D
3:45 PM	Avg	22.6	0.30	46.2	D
4:00 PM	Avg	22.5	0.32	49.7	D
4:15 PM	Avg	22.5	0.30	46.1	D

WB TR on LAKE AVE NW: Superlink ID 55105

3:30 PM	1	124.0	0.70	20.9	C
3:30 PM	2	126.0	0.70	19.8	B
3:30 PM	3	127.0	0.70	19.8	B
3:30 PM	4	124.0	0.80	22.5	C

3:30 PM	5	124.0	0.60	18.9	B
3:30 PM	6	124.0	0.70	18.9	B
3:30 PM	7	125.0	0.80	22.7	C
3:30 PM	8	124.0	0.70	19.4	B
3:30 PM	9	128.0	0.70	20.8	C
3:30 PM	10	126.0	0.70	18.9	B
3:45 PM	1	126.0	0.80	23.8	C
3:45 PM	2	126.0	0.70	20.0	C
3:45 PM	3	123.0	0.70	20.4	C
3:45 PM	4	127.0	0.80	21.9	C
3:45 PM	5	126.0	0.80	22.5	C
3:45 PM	6	126.0	0.70	20.3	C
3:45 PM	7	125.0	0.70	20.6	C
3:45 PM	8	126.0	0.70	19.6	B
3:45 PM	9	124.0	0.60	18.7	B
3:45 PM	10	125.0	0.70	20.1	C
4:00 PM	1	125.0	0.80	21.9	C
4:00 PM	2	124.0	0.70	19.9	B
4:00 PM	3	126.0	0.90	24.6	C
4:00 PM	4	126.0	0.90	24.7	C
4:00 PM	5	124.0	0.70	21.4	C
4:00 PM	6	125.0	0.70	21.3	C
4:00 PM	7	125.0	0.80	22.6	C
4:00 PM	8	125.0	0.70	20.6	C
4:00 PM	9	124.0	0.80	22.0	C
4:00 PM	10	123.0	0.90	25.9	C
4:15 PM	1	126.0	0.70	20.2	C
4:15 PM	2	126.0	0.60	18.5	B
4:15 PM	3	126.0	0.70	19.5	B
4:15 PM	4	125.0	0.70	21.0	C
4:15 PM	5	124.0	0.70	19.8	B
4:15 PM	6	127.0	0.60	18.2	B
4:15 PM	7	124.0	0.70	21.4	C
4:15 PM	8	123.0	1.30	39.2	D
4:15 PM	9	125.0	0.70	19.4	B
4:15 PM	10	128.0	0.80	22.0	C
3:30 PM	Avg	125.2	0.71	20.3	C
3:45 PM	Avg	125.4	0.72	20.8	C
4:00 PM	Avg	124.7	0.79	22.5	C
4:15 PM	Avg	125.4	0.75	21.9	C

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
3:30 PM	0.2	0.1	0.1	0.3	10
3:45 PM	0.2	0.1	0.1	0.4	10
4:00 PM	0.3	0.1	0.1	0.5	10
4:15 PM	0.3	0.1	0.1	0.4	10
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM	1.6	0.6	1.0	3.1	10
3:45 PM	2.1	1.3	0.9	4.2	10
4:00 PM	2.5	1.3	1.1	4.8	10
4:15 PM	2.2	1.0	1.3	3.9	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.0	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	0.8	0.1	0.7	0.9	10
3:45 PM	0.8	0.1	0.8	1.0	10
4:00 PM	0.9	0.1	0.8	1.0	10
4:15 PM	0.9	0.1	0.7	1.0	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	1.2	0.3	0.9	2.0	10
3:45 PM	1.1	0.2	0.9	1.7	10
4:00 PM	1.2	0.2	0.9	1.4	10
4:15 PM	1.2	0.1	1.0	1.4	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.4	0.1	0.3	0.6	10
3:45 PM	0.8	0.2	0.5	1.1	10
4:00 PM	0.7	0.2	0.4	1.2	10
4:15 PM	0.8	0.3	0.4	1.1	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.2	0.0	0.2	0.3	10
3:45 PM	0.3	0.0	0.3	0.4	10
4:00 PM	0.3	0.1	0.2	0.4	10
4:15 PM	0.4	0.1	0.2	0.5	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.3	0.0	0.2	0.4	10
4:15 PM	0.4	0.1	0.3	0.5	10
WB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.5	0.1	0.4	0.5	10
3:45 PM	0.5	0.1	0.4	0.6	10
4:00 PM	0.6	0.1	0.4	0.8	10
4:15 PM	0.6	0.2	0.4	1.0	10
WB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.3	0.0	0.3	0.4	10
3:45 PM	0.4	0.3	0.3	1.2	10
4:00 PM	0.3	0.0	0.3	0.4	10
4:15 PM	0.3	0.1	0.3	0.4	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.8	0.0	0.8	0.9	10
3:45 PM	0.9	0.1	0.8	0.9	10
4:00 PM	0.9	0.1	0.8	1.0	10
4:15 PM	0.9	0.1	0.8	1.0	10
EB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.2	0.0	0.2	0.2	10
3:45 PM	0.3	0.1	0.2	0.3	10
4:00 PM	0.3	0.1	0.2	0.3	10
4:15 PM	0.3	0.1	0.2	0.3	10
NB L on [Unnamed Street]: Superlink ID 55106					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.0	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.0	0.1	10
NB TR on [Unnamed Street]: Superlink ID 55106					
3:30 PM	0.6	0.1	0.5	0.6	10
3:45 PM	0.6	0.0	0.5	0.6	10
4:00 PM	0.6	0.1	0.5	0.6	10
4:15 PM	0.6	0.1	0.5	0.6	10
SB L on [Unnamed Street]: Superlink ID 55104					
3:30 PM	0.1	0.0	0.1	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.2	10
SB R on [Unnamed Street]: Superlink ID 55104					
3:30 PM	0.2	0.0	0.1	0.2	10
3:45 PM	0.2	0.1	0.1	0.2	10
4:00 PM	0.2	0.0	0.1	0.2	10
4:15 PM	0.2	0.1	0.1	0.2	10
SB T on [Unnamed Street]: Superlink ID 55104					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.0	0.2	0.3	10
4:00 PM	0.3	0.0	0.2	0.3	10
4:15 PM	0.3	0.0	0.2	0.3	10
WB L on LAKE AVE NW: Superlink ID 55105					
3:30 PM	0.3	0.0	0.2	0.3	10
3:45 PM	0.3	0.0	0.2	0.4	10
4:00 PM	0.3	0.1	0.2	0.4	10
4:15 PM	0.3	0.0	0.2	0.4	10
WB TR on LAKE AVE NW: Superlink ID 55105					
3:30 PM	0.7	0.1	0.6	0.8	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW: Superlink ID 55105					
3:45 PM	0.7	0.1	0.6	0.8	10
4:00 PM	0.8	0.1	0.7	0.9	10
4:15 PM	0.8	0.2	0.6	1.3	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
3:30 PM	74.9	20.7	49.5	118.1	10
3:45 PM	86.7	46.1	36.8	167.2	10
4:00 PM	104.4	45.5	36.9	173.1	10
4:15 PM	96.5	39.6	53.1	153.8	10
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM	65.0	29.2	41.1	131.1	10
3:45 PM	83.8	51.8	38.8	177.3	10
4:00 PM	93.1	45.9	44.1	165.4	10
4:15 PM	85.1	38.3	51.3	140.2	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	54.1	12.2	34.3	73.4	10
3:45 PM	55.9	10.1	42.0	71.2	10
4:00 PM	56.2	11.6	37.6	71.9	10
4:15 PM	54.7	9.0	38.1	69.2	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	32.9	2.2	27.7	35.8	10
3:45 PM	33.9	1.8	31.9	38.0	10
4:00 PM	34.2	1.7	32.1	38.2	10
4:15 PM	34.3	2.8	30.2	39.4	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	38.0	12.5	25.7	71.2	10
3:45 PM	34.2	8.4	26.2	54.2	10
4:00 PM	37.4	6.1	29.2	45.5	10
4:15 PM	36.4	4.9	29.6	44.7	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	55.8	15.5	40.1	89.3	10
3:45 PM	76.0	18.4	53.9	119.9	10
4:00 PM	74.1	25.6	41.7	123.1	10
4:15 PM	79.8	22.0	49.1	117.2	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	23.5	4.2	16.8	30.6	10
3:45 PM	23.9	2.9	20.6	28.7	10
4:00 PM	23.3	4.7	13.3	28.0	10
4:15 PM	26.5	5.4	18.4	35.5	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	23.5	5.1	16.4	31.2	10
3:45 PM	24.9	3.9	20.4	32.7	10
4:00 PM	20.5	3.7	16.6	27.2	10
4:15 PM	25.6	5.3	15.9	32.4	10
WB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	23.3	2.7	17.9	27.4	10
3:45 PM	25.0	3.8	19.8	31.6	10
4:00 PM	29.4	5.5	22.9	39.4	10
4:15 PM	27.8	9.1	19.8	48.2	10
WB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	4.4	0.9	3.2	6.2	10
3:45 PM	4.2	0.8	2.9	5.1	10
4:00 PM	4.5	1.4	2.4	7.6	10
4:15 PM	4.5	1.2	3.0	6.7	10
WB T on LAKE AVE NW: Superlink ID 52038					
3:30 PM	12.4	1.4	10.4	14.4	10
3:45 PM	16.3	11.2	11.6	47.8	10
4:00 PM	13.2	1.2	10.9	14.9	10
4:15 PM	13.7	1.9	11.3	16.5	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	42.1	1.2	40.8	44.2	10
3:45 PM	40.2	1.6	37.2	42.5	10
4:00 PM	41.1	2.3	37.5	44.4	10
4:15 PM	41.1	2.2	37.6	43.6	10
EB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	2.0	0.8	0.2	3.1	10
3:45 PM	2.7	0.7	1.5	3.5	10
4:00 PM	1.9	0.8	0.5	2.9	10
4:15 PM	2.8	1.2	1.1	4.6	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW: Superlink ID 52038					
3:30 PM	6.6	0.6	5.7	7.4	10
3:45 PM	7.7	1.1	6.2	9.7	10
4:00 PM	7.4	1.0	5.8	9.5	10
4:15 PM	7.4	0.9	6.3	9.5	10
NB L on [Unnamed Street]: Superlink ID 55106					
3:30 PM	44.6	11.0	27.9	56.6	10
3:45 PM	37.1	9.5	12.6	45.3	10
4:00 PM	45.0	10.7	32.6	66.1	10
4:15 PM	39.2	9.9	20.3	52.4	10
NB TR on [Unnamed Street]: Superlink ID 55106					
3:30 PM	31.3	2.4	27.1	33.9	10
3:45 PM	30.8	1.9	27.6	34.5	10
4:00 PM	30.4	2.8	26.5	34.9	10
4:15 PM	30.4	2.5	26.5	33.6	10
SB L on [Unnamed Street]: Superlink ID 55104					
3:30 PM	46.8	7.4	32.9	57.2	10
3:45 PM	41.8	11.7	24.0	65.4	10
4:00 PM	42.6	6.4	32.9	50.8	10
4:15 PM	49.5	7.6	39.0	63.0	10
SB R on [Unnamed Street]: Superlink ID 55104					
3:30 PM	10.2	1.3	8.0	11.9	10
3:45 PM	10.4	1.6	8.7	13.3	10
4:00 PM	10.3	1.2	8.1	12.2	10
4:15 PM	10.6	2.0	8.9	15.0	10
SB T on [Unnamed Street]: Superlink ID 55104					
3:30 PM	28.3	3.8	25.1	37.5	10
3:45 PM	28.1	2.7	24.3	33.8	10
4:00 PM	27.8	1.6	25.3	30.7	10
4:15 PM	27.7	3.5	21.6	32.5	10
WB L on LAKE AVE NW: Superlink ID 55105					
3:30 PM	44.6	2.7	40.0	48.4	10
3:45 PM	46.2	6.1	38.7	59.5	10
4:00 PM	49.7	7.6	36.9	61.4	10
4:15 PM	46.1	5.5	37.8	58.5	10
WB TR on LAKE AVE NW: Superlink ID 55105					
3:30 PM	20.3	1.4	18.9	22.7	10

LAKE AVE NW, 55104 & 55106 -- SIGNALIZED NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW: Superlink ID 55105					
3:45 PM	20.8	1.5	18.7	23.8	10
4:00 PM	22.5	1.9	19.9	25.9	10
4:15 PM	21.9	6.2	18.2	39.2	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Overview

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262156							
3:30 PM	1	30.0	7.9	0.4	19.8	1.0	0.0%
3:30 PM	2	30.0	16.6	0.8	41.6	2.0	0.0%
3:30 PM	3	30.0	9.1	0.5	19.1	1.0	0.0%
3:30 PM	4	30.0	12.5	0.7	42.4	2.0	0.0%
3:30 PM	5	30.0	14.0	0.7	44.8	2.0	0.0%
3:30 PM	6	30.0	9.5	0.5	23.3	1.0	0.0%
3:30 PM	7	30.0	7.0	0.4	19.8	1.0	0.0%
3:30 PM	8	30.0	6.4	0.3	39.5	2.0	0.0%
3:30 PM	9	30.0	9.5	0.6	18.8	1.0	0.0%
3:30 PM	10	30.0	8.5	0.5	19.7	1.0	0.0%
3:45 PM	1	30.0	9.6	0.5	20.0	1.0	0.0%
3:45 PM	2	30.0	9.4	0.5	30.8	1.5	0.0%
3:45 PM	3	30.0	9.0	0.5	20.5	1.0	0.0%
3:45 PM	4	30.0	11.5	0.6	46.8	2.0	0.0%
3:45 PM	5	30.0	8.9	0.5	29.3	1.0	0.0%
3:45 PM	6	30.0	15.7	0.5	70.5	2.0	0.0%
3:45 PM	7	30.0	7.2	0.4	18.5	1.0	0.0%
3:45 PM	8	30.0	12.7	0.7	45.2	2.0	0.0%
3:45 PM	9	30.0	7.4	0.5	17.8	1.0	0.0%
3:45 PM	10	30.0	10.1	0.5	46.4	2.0	0.0%
4:00 PM	1	30.0	11.7	0.7	43.7	2.0	0.0%
4:00 PM	2	30.0	14.4	0.8	39.9	2.0	0.0%
4:00 PM	3	30.0	12.2	0.7	20.0	1.0	0.0%
4:00 PM	4	30.0	14.7	0.7	47.6	2.0	0.0%
4:00 PM	5	30.0	11.9	0.6	39.9	1.5	0.0%
4:00 PM	6	30.0	9.5	0.5	19.8	1.0	0.0%
4:00 PM	7	30.0	12.2	0.7	21.5	1.0	0.0%
4:00 PM	8	30.0	18.3	0.9	77.7	3.0	0.0%
4:00 PM	9	30.0	13.7	0.8	18.9	1.0	0.0%
4:00 PM	10	30.0	10.0	0.6	20.2	1.0	0.0%
4:15 PM	1	29.0	16.0	0.8	46.4	2.0	0.0%
4:15 PM	2	29.0	8.8	0.6	18.0	1.0	0.0%
4:15 PM	3	29.0	12.0	0.7	46.5	2.0	0.0%
4:15 PM	4	29.0	8.7	0.5	39.7	2.0	0.0%
4:15 PM	5	29.0	8.7	0.5	18.3	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	12.9	0.8	21.2	1.0	0.0%
4:15 PM	7	29.0	15.7	0.7	52.3	1.0	0.0%
4:15 PM	8	29.0	14.6	0.8	35.3	2.0	0.0%
4:15 PM	9	29.0	10.2	0.6	23.3	1.0	0.0%
4:15 PM	10	29.0	12.5	0.7	48.9	2.0	0.0%
3:30 PM	Avg	30.0	10.1	0.5	28.9	1.4	0.0%
3:45 PM	Avg	30.0	10.2	0.5	34.6	1.5	0.0%
4:00 PM	Avg	30.0	12.9	0.7	34.9	1.6	0.0%
4:15 PM	Avg	29.0	12.0	0.7	35.0	1.5	0.0%
EB TR on LAKE AVE NW - Lane ID 262157							
3:30 PM	1	30.0	172.6	6.4	470.7	16.5	3.3%
3:30 PM	2	30.0	151.7	5.6	291.7	10.0	0.0%
3:30 PM	3	30.0	124.4	4.7	288.6	10.1	0.0%
3:30 PM	4	30.0	108.2	4.1	286.0	10.5	0.0%
3:30 PM	5	30.0	149.3	5.5	313.1	11.5	0.0%
3:30 PM	6	30.0	110.1	4.2	208.9	8.0	0.0%
3:30 PM	7	30.0	83.1	3.3	236.0	8.5	0.0%
3:30 PM	8	30.0	264.6	8.6	629.8	22.0	26.7%
3:30 PM	9	30.0	115.1	4.4	250.8	9.5	0.0%
3:30 PM	10	30.0	348.5	13.0	619.6	23.0	30.0%
3:45 PM	1	30.0	369.3	13.0	614.8	22.0	33.3%
3:45 PM	2	30.0	336.7	12.2	606.1	22.0	16.7%
3:45 PM	3	30.0	109.6	4.2	267.5	10.0	0.0%
3:45 PM	4	30.0	136.8	5.2	365.6	14.0	0.0%
3:45 PM	5	30.0	142.0	5.3	357.5	13.1	0.0%
3:45 PM	6	30.0	84.8	3.2	206.6	7.5	0.0%
3:45 PM	7	30.0	122.3	4.5	440.7	16.2	3.3%
3:45 PM	8	30.0	468.9	16.7	613.0	22.0	63.3%
3:45 PM	9	30.0	94.6	3.7	214.8	8.0	0.0%
3:45 PM	10	30.0	176.7	6.4	436.8	16.0	0.0%
4:00 PM	1	30.0	262.3	9.1	483.9	16.5	0.0%
4:00 PM	2	30.0	125.3	4.9	289.2	10.5	0.0%
4:00 PM	3	30.0	379.3	14.0	619.6	23.0	23.3%
4:00 PM	4	30.0	216.4	7.8	509.4	18.5	0.0%
4:00 PM	5	30.0	115.9	4.5	272.7	10.5	0.0%
4:00 PM	6	30.0	101.9	4.1	219.7	8.5	0.0%
4:00 PM	7	30.0	214.1	7.7	513.4	18.1	3.3%
4:00 PM	8	30.0	417.5	15.1	619.7	22.5	60.0%
4:00 PM	9	30.0	129.6	4.9	282.4	10.0	0.0%
4:00 PM	10	30.0	147.3	5.5	395.1	14.0	0.0%
4:15 PM	1	29.0	384.3	12.5	620.7	19.6	20.7%
4:15 PM	2	29.0	124.6	4.7	289.8	10.2	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	330.0	11.9	568.2	20.6	3.4%
4:15 PM	4	29.0	112.1	4.4	309.5	11.0	0.0%
4:15 PM	5	29.0	123.9	4.8	265.0	10.0	0.0%
4:15 PM	6	29.0	171.5	6.3	345.1	12.6	0.0%
4:15 PM	7	29.0	156.7	6.0	344.8	12.6	0.0%
4:15 PM	8	29.0	405.3	14.4	604.3	21.2	17.2%
4:15 PM	9	29.0	141.3	5.6	326.0	12.0	0.0%
4:15 PM	10	29.0	268.5	9.3	512.5	18.6	3.4%
3:30 PM	Avg	30.0	162.8	6.0	359.5	13.0	6.0%
3:45 PM	Avg	30.0	204.2	7.4	412.3	15.1	11.7%
4:00 PM	Avg	30.0	211.0	7.8	420.5	15.2	8.7%
4:15 PM	Avg	29.0	221.8	8.0	418.6	14.8	4.5%
NWB L on GREAT LAKES BLVD NW - Lane ID 262214							
3:30 PM	1	30.0	5.3	0.3	27.4	1.0	0.0%
3:30 PM	2	30.0	3.1	0.2	15.8	1.0	0.0%
3:30 PM	3	30.0	4.6	0.3	16.1	1.0	0.0%
3:30 PM	4	30.0	6.2	0.4	18.0	1.0	0.0%
3:30 PM	5	30.0	5.4	0.3	16.9	1.0	0.0%
3:30 PM	6	30.0	4.8	0.3	19.2	1.0	0.0%
3:30 PM	7	30.0	3.6	0.2	19.9	1.0	0.0%
3:30 PM	8	30.0	8.8	0.3	52.2	1.0	0.0%
3:30 PM	9	30.0	2.9	0.2	18.7	1.0	0.0%
3:30 PM	10	30.0	3.4	0.2	17.6	1.0	0.0%
3:45 PM	1	30.0	7.4	0.4	22.7	1.0	0.0%
3:45 PM	2	30.0	4.9	0.3	20.1	1.0	0.0%
3:45 PM	3	30.0	3.9	0.3	16.1	1.0	0.0%
3:45 PM	4	30.0	4.2	0.3	15.3	1.0	0.0%
3:45 PM	5	30.0	4.6	0.3	17.7	1.0	0.0%
3:45 PM	6	30.0	4.2	0.2	20.5	1.0	0.0%
3:45 PM	7	30.0	7.8	0.4	40.9	2.0	0.0%
3:45 PM	8	30.0	7.4	0.4	26.0	1.0	0.0%
3:45 PM	9	30.0	6.3	0.3	33.8	1.0	0.0%
3:45 PM	10	30.0	5.4	0.3	17.1	1.0	0.0%
4:00 PM	1	30.0	4.4	0.3	16.9	1.0	0.0%
4:00 PM	2	30.0	5.7	0.4	19.3	1.0	0.0%
4:00 PM	3	30.0	4.8	0.3	17.6	1.0	0.0%
4:00 PM	4	30.0	6.8	0.3	26.5	1.0	0.0%
4:00 PM	5	30.0	3.2	0.2	16.7	1.0	0.0%
4:00 PM	6	30.0	3.2	0.2	15.8	1.0	0.0%
4:00 PM	7	30.0	5.1	0.3	16.6	1.0	0.0%
4:00 PM	8	30.0	5.3	0.3	17.4	1.0	0.0%
4:00 PM	9	30.0	6.4	0.4	19.2	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	5.5	0.3	25.6	1.0	0.0%
4:15 PM	1	29.0	5.1	0.3	17.5	1.0	0.0%
4:15 PM	2	29.0	4.1	0.2	17.7	1.0	0.0%
4:15 PM	3	29.0	4.7	0.3	18.3	1.0	0.0%
4:15 PM	4	29.0	3.4	0.2	16.6	1.0	0.0%
4:15 PM	5	29.0	6.1	0.3	18.7	1.0	0.0%
4:15 PM	6	29.0	6.6	0.4	19.6	1.0	0.0%
4:15 PM	7	29.0	3.9	0.2	17.0	1.0	0.0%
4:15 PM	8	29.0	4.8	0.3	17.3	1.0	0.0%
4:15 PM	9	29.0	4.1	0.2	17.1	1.0	0.0%
4:15 PM	10	29.0	4.2	0.2	19.5	1.0	0.0%
3:30 PM	Avg	30.0	4.8	0.3	22.2	1.0	0.0%
3:45 PM	Avg	30.0	5.6	0.3	23.0	1.1	0.0%
4:00 PM	Avg	30.0	5.0	0.3	19.2	1.0	0.0%
4:15 PM	Avg	29.0	4.7	0.3	17.9	1.0	0.0%
NWB T on GREAT LAKES BLVD NW - Lane ID 262215							
3:30 PM	1	30.0	71.3	2.8	159.6	6.0	0.0%
3:30 PM	2	30.0	57.4	2.1	175.2	6.0	0.0%
3:30 PM	3	30.0	54.6	2.2	131.9	5.0	0.0%
3:30 PM	4	30.0	79.9	3.0	207.1	7.5	0.0%
3:30 PM	5	30.0	77.5	2.9	201.4	7.5	0.0%
3:30 PM	6	30.0	50.0	2.0	129.7	5.0	0.0%
3:30 PM	7	30.0	70.6	2.8	193.9	7.0	0.0%
3:30 PM	8	30.0	63.5	2.4	169.6	6.0	0.0%
3:30 PM	9	30.0	60.4	2.3	158.2	6.0	0.0%
3:30 PM	10	30.0	77.0	3.0	184.5	7.0	0.0%
3:45 PM	1	30.0	55.1	2.3	125.5	5.0	0.0%
3:45 PM	2	30.0	62.2	2.3	182.7	6.0	0.0%
3:45 PM	3	30.0	53.5	2.1	155.6	5.5	0.0%
3:45 PM	4	30.0	47.4	2.0	126.9	5.0	0.0%
3:45 PM	5	30.0	55.2	2.0	178.3	6.5	0.0%
3:45 PM	6	30.0	67.4	2.7	153.2	5.5	0.0%
3:45 PM	7	30.0	62.1	2.5	152.7	5.5	0.0%
3:45 PM	8	30.0	75.8	2.9	188.7	7.0	0.0%
3:45 PM	9	30.0	67.2	2.7	195.9	7.5	0.0%
3:45 PM	10	30.0	68.9	2.7	192.2	7.5	0.0%
4:00 PM	1	30.0	56.4	2.1	139.7	5.0	0.0%
4:00 PM	2	30.0	67.2	2.6	190.7	7.0	0.0%
4:00 PM	3	30.0	64.4	2.3	169.9	6.0	0.0%
4:00 PM	4	30.0	78.9	3.0	186.5	7.0	0.0%
4:00 PM	5	30.0	73.9	2.9	199.7	7.5	0.0%
4:00 PM	6	30.0	71.5	2.6	174.5	6.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	81.6	3.2	164.8	6.0	0.0%
4:00 PM	8	30.0	79.9	3.1	207.9	7.5	0.0%
4:00 PM	9	30.0	63.2	2.3	164.0	6.1	0.0%
4:00 PM	10	30.0	65.2	2.7	180.2	7.0	0.0%
4:15 PM	1	29.0	62.1	2.3	173.7	6.0	0.0%
4:15 PM	2	29.0	62.4	2.4	147.8	5.0	0.0%
4:15 PM	3	29.0	79.4	3.1	188.1	7.0	0.0%
4:15 PM	4	29.0	57.7	2.2	155.9	5.6	0.0%
4:15 PM	5	29.0	62.1	2.4	145.9	5.6	0.0%
4:15 PM	6	29.0	41.6	1.6	132.0	5.0	0.0%
4:15 PM	7	29.0	76.8	2.9	188.2	7.0	0.0%
4:15 PM	8	29.0	64.9	2.4	183.4	6.0	0.0%
4:15 PM	9	29.0	84.2	3.2	205.3	7.6	0.0%
4:15 PM	10	29.0	78.7	3.1	160.6	6.0	0.0%
3:30 PM	Avg	30.0	66.2	2.6	171.1	6.3	0.0%
3:45 PM	Avg	30.0	61.5	2.4	165.2	6.1	0.0%
4:00 PM	Avg	30.0	70.2	2.7	177.8	6.5	0.0%
4:15 PM	Avg	29.0	67.0	2.6	168.1	6.1	0.0%

NWB TR on GREAT LAKES BLVD NW - Lane ID 262216

3:30 PM	1	30.0	81.5	3.2	233.2	8.5	0.0%
3:30 PM	2	30.0	44.9	1.7	172.1	6.0	0.0%
3:30 PM	3	30.0	66.1	2.5	194.1	7.0	0.0%
3:30 PM	4	30.0	88.5	3.2	251.1	8.5	0.0%
3:30 PM	5	30.0	158.6	5.5	467.7	16.1	0.0%
3:30 PM	6	30.0	52.6	2.0	202.0	7.5	0.0%
3:30 PM	7	30.0	101.2	3.5	254.6	8.0	0.0%
3:30 PM	8	30.0	71.9	2.7	211.0	7.0	0.0%
3:30 PM	9	30.0	60.1	2.2	233.7	8.5	0.0%
3:30 PM	10	30.0	88.2	3.3	233.8	8.0	0.0%
3:45 PM	1	30.0	67.1	2.6	179.5	6.5	0.0%
3:45 PM	2	30.0	42.0	1.6	190.6	7.0	0.0%
3:45 PM	3	30.0	57.6	2.2	227.3	8.5	0.0%
3:45 PM	4	30.0	52.6	2.0	137.8	5.0	0.0%
3:45 PM	5	30.0	67.6	2.5	183.5	6.5	0.0%
3:45 PM	6	30.0	81.5	3.2	228.3	8.5	0.0%
3:45 PM	7	30.0	77.3	2.8	235.9	8.5	0.0%
3:45 PM	8	30.0	82.1	3.2	237.5	9.0	0.0%
3:45 PM	9	30.0	62.0	2.2	240.4	7.5	0.0%
3:45 PM	10	30.0	105.9	3.7	307.0	10.1	0.0%
4:00 PM	1	30.0	88.0	3.4	218.1	8.1	0.0%
4:00 PM	2	30.0	84.8	3.1	236.0	8.5	0.0%
4:00 PM	3	30.0	49.6	1.8	161.5	6.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	96.4	3.5	263.8	9.1	0.0%
4:00 PM	5	30.0	90.7	3.2	303.6	9.5	0.0%
4:00 PM	6	30.0	79.8	2.8	266.8	9.1	0.0%
4:00 PM	7	30.0	86.2	3.0	244.5	7.0	0.0%
4:00 PM	8	30.0	97.3	3.8	242.9	9.1	0.0%
4:00 PM	9	30.0	63.3	2.4	203.4	7.5	0.0%
4:00 PM	10	30.0	56.1	2.2	216.5	7.5	0.0%
4:15 PM	1	29.0	50.8	1.9	164.8	6.6	0.0%
4:15 PM	2	29.0	56.6	2.2	151.9	6.0	0.0%
4:15 PM	3	29.0	107.8	3.7	278.1	10.2	0.0%
4:15 PM	4	29.0	67.1	2.5	192.9	7.0	0.0%
4:15 PM	5	29.0	86.7	3.4	262.2	9.2	0.0%
4:15 PM	6	29.0	63.1	2.3	218.1	7.6	0.0%
4:15 PM	7	29.0	97.2	3.5	239.6	8.6	0.0%
4:15 PM	8	29.0	42.4	1.7	142.1	5.6	0.0%
4:15 PM	9	29.0	72.0	2.7	254.9	9.6	0.0%
4:15 PM	10	29.0	96.0	3.3	304.7	10.0	0.0%
3:30 PM	Avg	30.0	81.4	3.0	245.3	8.5	0.0%
3:45 PM	Avg	30.0	69.6	2.6	216.8	7.7	0.0%
4:00 PM	Avg	30.0	79.2	2.9	235.7	8.1	0.0%
4:15 PM	Avg	29.0	74.0	2.7	220.9	8.0	0.0%

SB L on GREAT LAKES BLVD NW - Lane ID 262207

3:30 PM	1	30.0	32.2	1.3	124.3	3.5	0.0%
3:30 PM	2	30.0	36.0	1.5	121.3	4.5	0.0%
3:30 PM	3	30.0	32.4	1.4	90.9	3.5	0.0%
3:30 PM	4	30.0	50.4	1.8	136.2	4.5	0.0%
3:30 PM	5	30.0	36.0	1.5	123.3	5.0	0.0%
3:30 PM	6	30.0	24.5	1.1	78.2	3.0	0.0%
3:30 PM	7	30.0	25.2	1.1	93.0	4.0	0.0%
3:30 PM	8	30.0	34.2	1.5	111.0	4.5	0.0%
3:30 PM	9	30.0	28.2	1.1	135.0	5.1	0.0%
3:30 PM	10	30.0	61.8	2.4	145.2	6.0	0.0%
3:45 PM	1	30.0	73.3	3.0	181.4	7.1	0.0%
3:45 PM	2	30.0	79.4	3.0	187.5	6.5	0.0%
3:45 PM	3	30.0	68.7	2.8	175.1	6.5	0.0%
3:45 PM	4	30.0	62.9	2.6	189.8	7.0	0.0%
3:45 PM	5	30.0	65.3	2.7	166.4	6.5	0.0%
3:45 PM	6	30.0	72.1	2.8	145.3	5.0	0.0%
3:45 PM	7	30.0	97.5	3.8	205.7	8.0	0.0%
3:45 PM	8	30.0	54.1	2.2	148.9	6.0	0.0%
3:45 PM	9	30.0	48.6	1.9	138.5	5.0	0.0%
3:45 PM	10	30.0	69.1	2.6	158.6	6.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	1	30.0	44.1	1.8	155.8	5.6	0.0%
4:00 PM	2	30.0	79.2	3.1	179.2	6.5	0.0%
4:00 PM	3	30.0	67.6	2.6	162.0	6.0	0.0%
4:00 PM	4	30.0	72.4	2.8	179.0	7.0	0.0%
4:00 PM	5	30.0	45.9	1.8	140.9	5.0	0.0%
4:00 PM	6	30.0	36.0	1.5	92.8	3.5	0.0%
4:00 PM	7	30.0	65.0	2.7	157.2	6.0	0.0%
4:00 PM	8	30.0	37.0	1.7	76.2	3.0	0.0%
4:00 PM	9	30.0	57.1	2.4	187.7	7.1	0.0%
4:00 PM	10	30.0	74.9	2.9	185.4	7.0	0.0%
4:15 PM	1	29.0	31.6	1.3	104.4	4.0	0.0%
4:15 PM	2	29.0	119.9	4.2	264.6	8.6	0.0%
4:15 PM	3	29.0	100.1	4.0	190.2	7.0	0.0%
4:15 PM	4	29.0	81.4	2.9	179.9	5.6	0.0%
4:15 PM	5	29.0	85.1	3.0	256.7	7.0	0.0%
4:15 PM	6	29.0	98.3	3.5	231.6	7.0	0.0%
4:15 PM	7	29.0	53.9	2.2	172.1	6.6	0.0%
4:15 PM	8	29.0	48.1	2.0	105.1	4.0	0.0%
4:15 PM	9	29.0	48.5	2.1	171.2	7.0	0.0%
4:15 PM	10	29.0	154.7	5.5	329.4	10.6	0.0%
3:30 PM	Avg	30.0	36.1	1.5	115.8	4.4	0.0%
3:45 PM	Avg	30.0	69.1	2.7	169.7	6.4	0.0%
4:00 PM	Avg	30.0	57.9	2.3	151.6	5.7	0.0%
4:15 PM	Avg	29.0	82.2	3.1	200.5	6.7	0.0%

SB T on GREAT LAKES BLVD NW - Lane ID 262208

3:30 PM	1	30.0	19.2	0.8	74.0	3.0	0.0%
3:30 PM	2	30.0	31.8	1.2	160.2	5.6	0.0%
3:30 PM	3	30.0	22.4	0.9	124.4	4.6	0.0%
3:30 PM	4	30.0	25.6	1.1	103.1	4.0	0.0%
3:30 PM	5	30.0	19.6	0.8	110.5	4.0	0.0%
3:30 PM	6	30.0	15.1	0.6	70.5	3.1	0.0%
3:30 PM	7	30.0	12.3	0.6	49.7	2.0	0.0%
3:30 PM	8	30.0	15.7	0.7	75.0	3.0	0.0%
3:30 PM	9	30.0	22.4	0.9	89.8	3.5	0.0%
3:30 PM	10	30.0	25.2	0.8	102.4	3.5	0.0%
3:45 PM	1	30.0	21.2	0.9	81.1	3.5	0.0%
3:45 PM	2	30.0	26.1	1.1	173.2	6.5	0.0%
3:45 PM	3	30.0	16.8	0.8	67.3	3.0	0.0%
3:45 PM	4	30.0	37.7	1.5	184.5	6.5	0.0%
3:45 PM	5	30.0	12.5	0.5	72.9	3.1	0.0%
3:45 PM	6	30.0	10.9	0.5	64.1	2.5	0.0%
3:45 PM	7	30.0	15.5	0.6	83.4	3.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	28.3	1.0	169.2	4.5	0.0%
3:45 PM	9	30.0	20.5	0.8	101.2	4.0	0.0%
3:45 PM	10	30.0	32.7	1.3	134.9	5.0	0.0%
4:00 PM	1	30.0	24.6	1.1	130.0	5.1	0.0%
4:00 PM	2	30.0	15.5	0.7	84.0	3.5	0.0%
4:00 PM	3	30.0	25.1	1.0	130.1	4.5	0.0%
4:00 PM	4	30.0	29.2	1.2	139.6	5.6	0.0%
4:00 PM	5	30.0	24.5	1.0	115.6	4.5	0.0%
4:00 PM	6	30.0	20.4	0.9	160.1	6.5	0.0%
4:00 PM	7	30.0	34.1	1.4	108.3	4.0	0.0%
4:00 PM	8	30.0	15.0	0.7	42.7	2.0	0.0%
4:00 PM	9	30.0	19.7	0.8	111.7	4.6	0.0%
4:00 PM	10	30.0	17.4	0.8	86.3	3.5	0.0%
4:15 PM	1	29.0	19.3	0.8	126.7	4.6	0.0%
4:15 PM	2	29.0	29.8	1.3	108.7	4.6	0.0%
4:15 PM	3	29.0	34.1	1.4	114.4	4.6	0.0%
4:15 PM	4	29.0	21.4	1.0	65.1	3.0	0.0%
4:15 PM	5	29.0	31.3	1.3	117.5	4.0	0.0%
4:15 PM	6	29.0	22.2	0.9	97.5	4.0	0.0%
4:15 PM	7	29.0	27.7	1.1	154.2	5.6	0.0%
4:15 PM	8	29.0	45.4	1.7	187.2	5.6	0.0%
4:15 PM	9	29.0	29.7	1.2	209.6	7.4	0.0%
4:15 PM	10	29.0	26.6	1.1	89.3	3.0	0.0%
3:30 PM	Avg	30.0	20.9	0.8	96.0	3.6	0.0%
3:45 PM	Avg	30.0	22.2	0.9	113.2	4.2	0.0%
4:00 PM	Avg	30.0	22.6	1.0	110.8	4.4	0.0%
4:15 PM	Avg	29.0	28.8	1.2	127.0	4.6	0.0%

SB TR on GREAT LAKES BLVD NW - Lane ID 262209

3:30 PM	1	30.0	21.4	0.9	102.0	4.0	0.0%
3:30 PM	2	30.0	43.1	1.6	240.5	8.5	0.0%
3:30 PM	3	30.0	28.2	1.1	141.4	4.5	0.0%
3:30 PM	4	30.0	30.8	1.3	104.0	4.0	0.0%
3:30 PM	5	30.0	22.4	1.0	100.4	4.0	0.0%
3:30 PM	6	30.0	15.8	0.6	76.9	3.1	0.0%
3:30 PM	7	30.0	16.0	0.7	90.8	3.5	0.0%
3:30 PM	8	30.0	17.3	0.8	72.1	3.0	0.0%
3:30 PM	9	30.0	33.1	1.3	139.1	5.0	0.0%
3:30 PM	10	30.0	20.9	0.9	105.1	4.0	0.0%
3:45 PM	1	30.0	20.5	0.9	93.1	3.5	0.0%
3:45 PM	2	30.0	39.0	1.4	255.4	8.6	0.0%
3:45 PM	3	30.0	17.9	0.8	68.3	3.0	0.0%
3:45 PM	4	30.0	38.2	1.6	166.1	6.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	17.1	0.7	65.0	2.5	0.0%
3:45 PM	6	30.0	17.8	0.7	118.9	4.6	0.0%
3:45 PM	7	30.0	26.6	1.1	128.7	4.5	0.0%
3:45 PM	8	30.0	46.0	1.5	152.4	5.0	0.0%
3:45 PM	9	30.0	16.3	0.6	84.3	3.0	0.0%
3:45 PM	10	30.0	28.7	1.1	125.9	5.0	0.0%
4:00 PM	1	30.0	18.0	0.9	61.6	3.0	0.0%
4:00 PM	2	30.0	14.4	0.7	59.5	2.5	0.0%
4:00 PM	3	30.0	15.2	0.7	65.1	3.0	0.0%
4:00 PM	4	30.0	34.9	1.5	181.0	7.5	0.0%
4:00 PM	5	30.0	33.4	1.3	179.1	6.0	0.0%
4:00 PM	6	30.0	16.1	0.7	78.3	3.5	0.0%
4:00 PM	7	30.0	30.3	1.3	104.6	4.0	0.0%
4:00 PM	8	30.0	36.2	1.4	193.2	6.5	0.0%
4:00 PM	9	30.0	21.6	0.8	95.8	2.5	0.0%
4:00 PM	10	30.0	12.4	0.5	71.2	2.5	0.0%
4:15 PM	1	29.0	26.4	1.1	116.7	4.8	0.0%
4:15 PM	2	29.0	35.9	1.4	114.9	4.6	0.0%
4:15 PM	3	29.0	32.8	1.4	124.5	5.2	0.0%
4:15 PM	4	29.0	26.3	1.0	124.9	4.6	0.0%
4:15 PM	5	29.0	40.4	1.5	97.1	4.0	0.0%
4:15 PM	6	29.0	18.3	0.8	87.1	3.6	0.0%
4:15 PM	7	29.0	37.7	1.4	193.0	7.4	0.0%
4:15 PM	8	29.0	48.7	1.9	217.5	8.0	0.0%
4:15 PM	9	29.0	37.0	1.3	154.7	5.6	0.0%
4:15 PM	10	29.0	27.2	1.2	100.0	4.0	0.0%
3:30 PM	Avg	30.0	24.9	1.0	117.2	4.4	0.0%
3:45 PM	Avg	30.0	26.8	1.0	125.8	4.6	0.0%
4:00 PM	Avg	30.0	23.3	1.0	108.9	4.1	0.0%
4:15 PM	Avg	29.0	33.1	1.3	133.0	5.2	0.0%
WB L on LAKE AVE NW - Lane ID 262189							
3:30 PM	1	30.0	49.1	1.8	168.7	5.0	3.3%
3:30 PM	2	30.0	40.3	1.6	137.4	5.5	0.0%
3:30 PM	3	30.0	35.2	1.3	122.4	4.5	0.0%
3:30 PM	4	30.0	41.2	1.6	117.7	4.0	0.0%
3:30 PM	5	30.0	36.6	1.4	126.1	5.0	0.0%
3:30 PM	6	30.0	40.6	1.6	158.5	5.0	0.0%
3:30 PM	7	30.0	60.5	2.3	223.6	7.5	6.7%
3:30 PM	8	30.0	33.1	1.4	124.0	4.5	0.0%
3:30 PM	9	30.0	45.3	1.6	187.3	6.0	3.3%
3:30 PM	10	30.0	35.1	1.3	110.5	3.5	0.0%
3:45 PM	1	30.0	43.2	1.6	170.5	5.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	46.4	1.8	179.9	5.5	0.0%
3:45 PM	3	30.0	59.4	2.2	192.2	6.5	0.0%
3:45 PM	4	30.0	45.2	1.8	160.2	5.5	0.0%
3:45 PM	5	30.0	43.1	1.8	128.0	5.0	0.0%
3:45 PM	6	30.0	33.9	1.6	136.1	5.5	0.0%
3:45 PM	7	30.0	45.8	1.8	150.8	5.5	0.0%
3:45 PM	8	30.0	27.2	1.1	109.3	4.1	0.0%
3:45 PM	9	30.0	52.3	2.1	140.5	5.0	3.3%
3:45 PM	10	30.0	56.8	2.3	134.9	5.0	0.0%
4:00 PM	1	30.0	69.9	2.6	203.2	7.5	3.3%
4:00 PM	2	30.0	56.0	2.4	139.5	5.5	0.0%
4:00 PM	3	30.0	45.4	1.7	166.1	5.5	0.0%
4:00 PM	4	30.0	33.5	1.4	124.1	5.0	0.0%
4:00 PM	5	30.0	55.4	2.1	184.3	6.5	0.0%
4:00 PM	6	30.0	32.7	1.4	173.3	6.1	0.0%
4:00 PM	7	30.0	59.8	2.1	226.6	7.0	6.7%
4:00 PM	8	30.0	45.5	1.8	145.5	5.0	0.0%
4:00 PM	9	30.0	43.5	1.7	143.9	5.5	3.3%
4:00 PM	10	30.0	74.2	2.7	204.3	7.0	3.3%
4:15 PM	1	29.0	55.1	2.2	165.1	6.2	0.0%
4:15 PM	2	29.0	41.6	1.7	133.5	5.0	0.0%
4:15 PM	3	29.0	49.6	2.0	173.0	6.0	0.0%
4:15 PM	4	29.0	36.6	1.5	130.3	4.6	0.0%
4:15 PM	5	29.0	34.2	1.6	140.2	5.6	0.0%
4:15 PM	6	29.0	31.5	1.4	140.3	5.6	0.0%
4:15 PM	7	29.0	45.1	1.7	183.0	6.0	0.0%
4:15 PM	8	29.0	84.9	2.9	227.7	6.6	6.9%
4:15 PM	9	29.0	26.2	1.2	122.3	5.0	0.0%
4:15 PM	10	29.0	42.2	1.7	161.5	6.6	0.0%
3:30 PM	Avg	30.0	41.7	1.6	147.6	5.1	1.3%
3:45 PM	Avg	30.0	45.3	1.8	150.2	5.3	0.3%
4:00 PM	Avg	30.0	51.6	2.0	171.1	6.1	1.7%
4:15 PM	Avg	29.0	44.7	1.8	157.7	5.7	0.7%

WB R on LAKE AVE NW - Lane ID 274809

3:30 PM	1	30.0	2.0	0.1	18.6	1.0	0.0%
3:30 PM	2	30.0	3.9	0.1	28.5	0.5	0.0%
3:30 PM	3	30.0	0.5	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	1.1	0.1	8.5	0.5	0.0%
3:30 PM	5	30.0	0.7	0.0	0.0	0.0	0.0%
3:30 PM	6	30.0	1.1	0.1	7.6	0.5	0.0%
3:30 PM	7	30.0	0.8	0.1	4.6	0.5	0.0%
3:30 PM	8	30.0	2.1	0.1	15.6	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	2.2	0.1	10.7	0.5	0.0%
3:30 PM	10	30.0	1.3	0.1	0.0	0.0	0.0%
3:45 PM	1	30.0	2.8	0.2	16.4	1.0	0.0%
3:45 PM	2	30.0	1.7	0.1	16.8	1.0	0.0%
3:45 PM	3	30.0	3.3	0.1	22.1	1.0	0.0%
3:45 PM	4	30.0	1.7	0.1	15.7	1.0	0.0%
3:45 PM	5	30.0	2.0	0.1	16.8	1.0	0.0%
3:45 PM	6	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	0.6	0.1	1.7	0.5	0.0%
3:45 PM	8	30.0	1.6	0.1	15.9	1.0	0.0%
3:45 PM	9	30.0	1.4	0.1	9.5	0.5	0.0%
3:45 PM	10	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	1.1	0.1	8.3	0.5	0.0%
4:00 PM	2	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	3.8	0.1	16.5	1.0	0.0%
4:00 PM	4	30.0	1.8	0.1	14.8	1.0	0.0%
4:00 PM	5	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	1.7	0.1	16.4	1.0	0.0%
4:00 PM	7	30.0	4.1	0.1	32.7	0.5	0.0%
4:00 PM	8	30.0	2.1	0.1	17.8	1.0	0.0%
4:00 PM	9	30.0	1.9	0.1	14.1	1.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	1.8	0.1	17.5	1.0	0.0%
4:15 PM	2	29.0	0.9	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	0.5	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	0.8	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	1.5	0.1	13.2	0.6	0.0%
4:15 PM	6	29.0	1.1	0.1	9.3	0.6	0.0%
4:15 PM	7	29.0	1.0	0.1	6.4	0.6	0.0%
4:15 PM	8	29.0	1.6	0.1	9.6	0.6	0.0%
4:15 PM	9	29.0	0.6	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	1.8	0.1	12.3	0.6	0.0%
3:30 PM	Avg	30.0	1.6	0.1	9.4	0.5	0.0%
3:45 PM	Avg	30.0	1.6	0.1	11.5	0.7	0.0%
4:00 PM	Avg	30.0	1.8	0.1	12.1	0.6	0.0%
4:15 PM	Avg	29.0	1.2	0.1	6.8	0.4	0.0%

WB T on LAKE AVE NW - Lane ID 262190

3:30 PM	1	30.0	31.9	1.2	138.4	5.0	0.0%
3:30 PM	2	30.0	22.5	1.0	79.5	3.0	0.0%
3:30 PM	3	30.0	18.7	0.8	69.6	3.1	0.0%
3:30 PM	4	30.0	18.8	0.8	70.1	3.0	0.0%
3:30 PM	5	30.0	26.2	1.1	100.8	4.1	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	22.4	1.0	65.8	2.5	0.0%
3:30 PM	7	30.0	20.7	0.9	65.8	3.0	0.0%
3:30 PM	8	30.0	23.5	1.1	109.5	4.5	0.0%
3:30 PM	9	30.0	18.6	0.9	69.4	3.0	0.0%
3:30 PM	10	30.0	30.4	1.1	111.7	4.0	0.0%
3:45 PM	1	30.0	20.4	0.8	86.3	3.5	0.0%
3:45 PM	2	30.0	30.6	1.3	89.1	3.5	0.0%
3:45 PM	3	30.0	49.6	1.9	159.1	6.0	3.3%
3:45 PM	4	30.0	26.0	1.1	84.4	3.5	3.3%
3:45 PM	5	30.0	22.9	0.9	88.9	3.0	0.0%
3:45 PM	6	30.0	30.1	1.3	110.3	4.5	0.0%
3:45 PM	7	30.0	30.4	1.3	110.6	4.5	0.0%
3:45 PM	8	30.0	24.7	1.1	89.2	3.5	0.0%
3:45 PM	9	30.0	32.7	1.4	113.6	4.1	0.0%
3:45 PM	10	30.0	34.1	1.4	132.3	4.5	0.0%
4:00 PM	1	30.0	39.7	1.5	142.4	5.6	3.3%
4:00 PM	2	30.0	30.3	1.1	137.1	4.1	0.0%
4:00 PM	3	30.0	16.1	0.7	64.4	2.5	0.0%
4:00 PM	4	30.0	25.2	0.9	119.0	3.5	0.0%
4:00 PM	5	30.0	19.7	1.0	54.2	2.0	0.0%
4:00 PM	6	30.0	32.1	1.2	177.2	5.6	6.7%
4:00 PM	7	30.0	27.3	1.1	107.6	4.0	0.0%
4:00 PM	8	30.0	18.7	0.8	69.8	3.0	0.0%
4:00 PM	9	30.0	38.7	1.3	129.2	4.0	0.0%
4:00 PM	10	30.0	31.0	1.4	124.6	5.0	0.0%
4:15 PM	1	29.0	37.9	1.5	102.8	4.0	3.4%
4:15 PM	2	29.0	39.2	1.6	136.6	5.2	0.0%
4:15 PM	3	29.0	23.3	1.1	83.1	3.6	0.0%
4:15 PM	4	29.0	33.4	1.1	166.4	4.2	3.4%
4:15 PM	5	29.0	19.8	0.9	52.4	2.0	0.0%
4:15 PM	6	29.0	24.1	1.1	69.8	3.0	0.0%
4:15 PM	7	29.0	34.4	1.2	124.9	4.0	0.0%
4:15 PM	8	29.0	26.6	1.1	96.2	3.6	0.0%
4:15 PM	9	29.0	25.3	1.1	77.2	3.0	0.0%
4:15 PM	10	29.0	40.3	1.6	146.5	5.6	0.0%
3:30 PM	Avg	30.0	23.4	1.0	88.1	3.5	0.0%
3:45 PM	Avg	30.0	30.2	1.3	106.4	4.1	0.7%
4:00 PM	Avg	30.0	27.9	1.1	112.6	3.9	1.0%
4:15 PM	Avg	29.0	30.4	1.2	105.6	3.8	0.7%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 274810							
3:30 PM	1	30.0	81.5	3.1	189.2	7.0	0.0%
3:30 PM	2	30.0	78.5	2.9	184.2	6.0	0.0%
3:30 PM	3	30.0	90.0	3.3	219.0	6.5	3.3%
3:30 PM	4	30.0	82.6	3.2	211.7	7.5	6.7%
3:30 PM	5	30.0	74.4	2.9	202.2	6.5	0.0%
3:30 PM	6	30.0	68.6	2.8	183.0	7.0	0.0%
3:30 PM	7	30.0	95.0	3.4	228.5	8.0	3.3%
3:30 PM	8	30.0	56.6	2.2	162.6	6.0	3.3%
3:30 PM	9	30.0	74.1	2.8	166.4	6.5	3.3%
3:30 PM	10	30.0	82.6	3.1	201.9	7.0	3.3%
3:45 PM	1	30.0	79.2	3.1	189.8	7.0	0.0%
3:45 PM	2	30.0	67.2	2.5	187.9	6.5	0.0%
3:45 PM	3	30.0	79.1	3.1	220.9	8.0	6.7%
3:45 PM	4	30.0	59.7	2.2	171.3	6.0	0.0%
3:45 PM	5	30.0	70.7	2.7	180.6	6.5	0.0%
3:45 PM	6	30.0	100.7	3.4	215.7	7.0	0.0%
3:45 PM	7	30.0	79.7	3.1	188.8	6.0	0.0%
3:45 PM	8	30.0	92.4	3.5	194.3	7.0	3.3%
3:45 PM	9	30.0	89.8	3.2	236.9	7.5	6.7%
3:45 PM	10	30.0	71.5	2.8	223.6	8.1	6.7%
4:00 PM	1	30.0	87.8	3.1	227.5	7.0	3.3%
4:00 PM	2	30.0	72.2	2.7	176.1	6.0	0.0%
4:00 PM	3	30.0	108.0	3.7	236.7	8.0	3.3%
4:00 PM	4	30.0	105.5	3.9	217.2	8.0	3.3%
4:00 PM	5	30.0	65.6	2.4	199.6	6.0	0.0%
4:00 PM	6	30.0	93.5	3.6	208.9	8.0	0.0%
4:00 PM	7	30.0	98.3	3.8	188.8	6.5	0.0%
4:00 PM	8	30.0	102.0	3.9	209.8	7.5	6.7%
4:00 PM	9	30.0	64.3	2.6	152.5	6.0	0.0%
4:00 PM	10	30.0	102.6	3.6	254.3	9.0	10.0%
4:15 PM	1	29.0	85.1	3.1	185.9	6.0	0.0%
4:15 PM	2	29.0	76.1	3.0	159.7	6.0	0.0%
4:15 PM	3	29.0	103.0	3.6	222.4	7.0	3.4%
4:15 PM	4	29.0	87.9	3.3	195.3	7.0	0.0%
4:15 PM	5	29.0	77.4	2.9	174.3	6.6	3.4%
4:15 PM	6	29.0	59.6	2.2	199.6	7.0	3.4%
4:15 PM	7	29.0	77.3	3.1	181.2	6.6	0.0%
4:15 PM	8	29.0	71.8	2.8	176.4	6.0	0.0%
4:15 PM	9	29.0	80.4	3.1	186.9	6.6	0.0%
4:15 PM	10	29.0	95.6	3.6	188.4	7.0	3.4%
3:30 PM	Avg	30.0	78.4	3.0	194.9	6.8	2.3%
3:45 PM	Avg	30.0	79.0	3.0	201.0	7.0	2.3%
4:00 PM	Avg	30.0	90.0	3.3	207.1	7.2	2.7%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	81.4	3.1	187.0	6.6	1.4%
EB R on LAKE AVE NW - Lane ID 274812							
3:30 PM	1	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	2	30.0	0.5	0.0	0.0	0.0	0.0%
3:30 PM	3	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	4	30.0	0.8	0.0	0.0	0.0	0.0%
3:30 PM	5	30.0	0.5	0.0	0.0	0.0	0.0%
3:30 PM	6	30.0	0.5	0.0	0.0	0.0	0.0%
3:30 PM	7	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:30 PM	10	30.0	0.5	0.0	0.0	0.0	0.0%
3:45 PM	1	30.0	0.5	0.0	0.0	0.0	0.0%
3:45 PM	2	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	3	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	0.8	0.0	0.0	0.0	0.0%
3:45 PM	6	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	7	30.0	0.8	0.0	0.0	0.0	0.0%
3:45 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	9	30.0	0.6	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	1	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	2	30.0	0.7	0.0	0.0	0.0	0.0%
4:00 PM	3	30.0	0.6	0.0	0.0	0.0	0.0%
4:00 PM	4	30.0	1.1	0.1	7.8	0.5	0.0%
4:00 PM	5	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	6	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	7	30.0	0.4	0.0	0.0	0.0	0.0%
4:00 PM	8	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	10	30.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	1	29.0	0.7	0.0	0.0	0.0	0.0%
4:15 PM	2	29.0	0.6	0.0	0.0	0.0	0.0%
4:15 PM	3	29.0	3.2	0.1	26.6	1.0	0.0%
4:15 PM	4	29.0	0.6	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	1.2	0.1	10.8	0.6	0.0%
4:15 PM	6	29.0	0.1	0.0	0.0	0.0	0.0%
4:15 PM	7	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	8	29.0	2.6	0.0	0.0	0.0	0.0%
4:15 PM	9	29.0	0.7	0.0	0.0	0.0	0.0%
4:15 PM	10	29.0	1.1	0.1	9.0	1.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	Avg	30.0	0.3	0.0	0.0	0.0	0.0%
3:45 PM	Avg	30.0	0.5	0.0	0.0	0.0	0.0%
4:00 PM	Avg	30.0	0.4	0.0	0.8	0.1	0.0%
4:15 PM	Avg	29.0	1.1	0.0	4.6	0.3	0.0%
EB T on LAKE AVE NW - Lane ID 274811							
3:30 PM	1	30.0	12.9	0.6	71.1	3.1	0.0%
3:30 PM	2	30.0	26.4	1.1	115.0	4.0	0.0%
3:30 PM	3	30.0	12.4	0.5	73.7	3.0	0.0%
3:30 PM	4	30.0	10.8	0.5	59.0	2.5	0.0%
3:30 PM	5	30.0	17.8	0.7	114.4	4.0	0.0%
3:30 PM	6	30.0	11.9	0.6	66.0	3.0	0.0%
3:30 PM	7	30.0	20.4	0.8	111.0	4.0	0.0%
3:30 PM	8	30.0	11.0	0.5	45.5	2.0	0.0%
3:30 PM	9	30.0	18.4	0.8	87.1	3.5	0.0%
3:30 PM	10	30.0	14.3	0.6	61.8	2.5	0.0%
3:45 PM	1	30.0	19.6	0.8	88.9	3.5	0.0%
3:45 PM	2	30.0	28.8	1.1	123.4	4.5	0.0%
3:45 PM	3	30.0	19.0	0.8	88.1	3.5	0.0%
3:45 PM	4	30.0	26.9	1.0	129.3	5.1	0.0%
3:45 PM	5	30.0	26.8	1.1	120.8	4.5	0.0%
3:45 PM	6	30.0	18.2	0.8	77.9	3.0	0.0%
3:45 PM	7	30.0	11.1	0.5	54.8	2.5	0.0%
3:45 PM	8	30.0	10.4	0.4	57.3	2.5	0.0%
3:45 PM	9	30.0	13.8	0.6	63.6	2.5	0.0%
3:45 PM	10	30.0	9.6	0.4	59.6	2.5	0.0%
4:00 PM	1	30.0	23.0	0.9	114.4	4.1	0.0%
4:00 PM	2	30.0	24.8	1.0	113.1	4.5	0.0%
4:00 PM	3	30.0	15.3	0.6	77.7	3.0	0.0%
4:00 PM	4	30.0	9.3	0.4	67.6	2.5	0.0%
4:00 PM	5	30.0	19.4	0.8	74.7	3.0	0.0%
4:00 PM	6	30.0	12.8	0.5	77.1	2.5	0.0%
4:00 PM	7	30.0	6.5	0.3	17.7	1.0	0.0%
4:00 PM	8	30.0	9.5	0.4	50.5	2.1	0.0%
4:00 PM	9	30.0	18.3	0.8	86.0	3.0	0.0%
4:00 PM	10	30.0	24.2	1.0	91.7	4.0	0.0%
4:15 PM	1	29.0	16.5	0.7	77.6	3.0	0.0%
4:15 PM	2	29.0	11.7	0.5	83.5	3.0	0.0%
4:15 PM	3	29.0	18.1	0.7	115.8	4.0	0.0%
4:15 PM	4	29.0	13.4	0.6	72.0	2.6	0.0%
4:15 PM	5	29.0	26.5	1.1	121.3	4.6	0.0%
4:15 PM	6	29.0	22.5	0.9	135.3	6.0	0.0%
4:15 PM	7	29.0	13.8	0.6	56.9	2.6	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	8	29.0	21.4	0.9	107.6	3.6	0.0%
4:15 PM	9	29.0	29.1	1.0	148.8	5.2	0.0%
4:15 PM	10	29.0	17.3	0.7	92.6	3.6	0.0%
3:30 PM	Avg	30.0	15.6	0.7	80.5	3.2	0.0%
3:45 PM	Avg	30.0	18.4	0.8	86.4	3.4	0.0%
4:00 PM	Avg	30.0	16.3	0.7	77.1	3.0	0.0%
4:15 PM	Avg	29.0	19.0	0.8	101.1	3.8	0.0%
NB L on [Unnamed Street] - Lane ID 274804							
3:30 PM	1	30.0	4.5	0.2	28.3	1.0	0.0%
3:30 PM	2	30.0	5.9	0.4	16.9	1.0	0.0%
3:30 PM	3	30.0	7.4	0.4	43.5	2.0	0.0%
3:30 PM	4	30.0	7.8	0.4	39.6	2.0	0.0%
3:30 PM	5	30.0	3.5	0.2	25.9	1.5	0.0%
3:30 PM	6	30.0	7.2	0.4	31.8	1.5	0.0%
3:30 PM	7	30.0	3.3	0.2	15.7	1.0	0.0%
3:30 PM	8	30.0	6.3	0.3	42.9	2.0	0.0%
3:30 PM	9	30.0	2.2	0.2	15.2	1.0	0.0%
3:30 PM	10	30.0	5.1	0.4	17.5	1.0	0.0%
3:45 PM	1	30.0	3.6	0.2	18.4	1.0	0.0%
3:45 PM	2	30.0	5.7	0.4	16.3	1.0	0.0%
3:45 PM	3	30.0	4.6	0.3	17.8	1.0	0.0%
3:45 PM	4	30.0	2.1	0.1	13.8	1.0	0.0%
3:45 PM	5	30.0	4.0	0.3	17.9	1.0	0.0%
3:45 PM	6	30.0	3.8	0.2	20.6	1.0	0.0%
3:45 PM	7	30.0	6.1	0.3	36.2	2.0	0.0%
3:45 PM	8	30.0	0.7	0.1	5.3	0.5	0.0%
3:45 PM	9	30.0	2.3	0.1	17.1	1.0	0.0%
3:45 PM	10	30.0	6.3	0.4	28.4	1.5	0.0%
4:00 PM	1	30.0	5.0	0.2	25.5	1.0	0.0%
4:00 PM	2	30.0	3.5	0.2	18.2	1.0	0.0%
4:00 PM	3	30.0	4.1	0.3	17.6	1.0	0.0%
4:00 PM	4	30.0	3.8	0.2	16.7	1.0	0.0%
4:00 PM	5	30.0	5.4	0.4	16.7	1.0	0.0%
4:00 PM	6	30.0	9.1	0.2	69.5	1.0	0.0%
4:00 PM	7	30.0	9.3	0.6	41.2	2.0	0.0%
4:00 PM	8	30.0	6.0	0.3	28.3	1.5	0.0%
4:00 PM	9	30.0	5.9	0.4	20.1	1.0	0.0%
4:00 PM	10	30.0	6.4	0.3	44.4	2.0	0.0%
4:15 PM	1	29.0	2.5	0.1	20.1	1.0	0.0%
4:15 PM	2	29.0	4.7	0.3	17.1	1.0	0.0%
4:15 PM	3	29.0	3.5	0.2	18.4	1.0	0.0%
4:15 PM	4	29.0	2.1	0.1	15.4	1.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	5	29.0	4.0	0.2	29.7	1.6	0.0%
4:15 PM	6	29.0	6.7	0.4	29.1	1.6	0.0%
4:15 PM	7	29.0	7.3	0.3	41.4	1.6	0.0%
4:15 PM	8	29.0	7.4	0.2	47.4	1.0	0.0%
4:15 PM	9	29.0	6.2	0.4	16.7	1.0	0.0%
4:15 PM	10	29.0	6.2	0.3	28.3	1.0	0.0%
3:30 PM	Avg	30.0	5.3	0.3	27.7	1.4	0.0%
3:45 PM	Avg	30.0	3.9	0.2	19.2	1.1	0.0%
4:00 PM	Avg	30.0	5.9	0.3	29.8	1.3	0.0%
4:15 PM	Avg	29.0	5.1	0.3	26.4	1.2	0.0%
NB TR on [Unnamed Street] - Lane ID 274788							
3:30 PM	1	30.0	48.5	1.8	154.1	4.0	0.0%
3:30 PM	2	30.0	47.5	1.7	143.4	5.5	0.0%
3:30 PM	3	30.0	35.3	1.5	121.2	5.0	0.0%
3:30 PM	4	30.0	43.2	1.8	144.1	5.5	0.0%
3:30 PM	5	30.0	47.5	2.0	142.7	5.5	0.0%
3:30 PM	6	30.0	47.0	1.9	135.8	5.0	0.0%
3:30 PM	7	30.0	50.7	2.1	144.1	5.5	0.0%
3:30 PM	8	30.0	48.1	2.0	145.5	5.0	0.0%
3:30 PM	9	30.0	59.0	2.0	172.1	5.0	0.0%
3:30 PM	10	30.0	36.5	1.5	121.0	4.5	0.0%
3:45 PM	1	30.0	38.9	1.7	116.2	4.5	0.0%
3:45 PM	2	30.0	33.5	1.4	126.9	4.5	0.0%
3:45 PM	3	30.0	49.9	2.1	140.8	5.5	0.0%
3:45 PM	4	30.0	40.7	1.6	148.3	5.5	0.0%
3:45 PM	5	30.0	50.2	2.0	151.1	5.0	0.0%
3:45 PM	6	30.0	52.5	1.9	115.8	4.5	0.0%
3:45 PM	7	30.0	41.2	1.8	123.9	5.0	0.0%
3:45 PM	8	30.0	32.4	1.3	106.9	4.0	0.0%
3:45 PM	9	30.0	41.6	1.7	161.8	6.0	0.0%
3:45 PM	10	30.0	56.9	2.3	131.4	5.0	0.0%
4:00 PM	1	30.0	60.3	2.2	166.8	6.0	0.0%
4:00 PM	2	30.0	33.5	1.4	106.3	4.0	0.0%
4:00 PM	3	30.0	49.4	1.8	148.8	5.0	0.0%
4:00 PM	4	30.0	43.9	1.7	134.8	4.5	0.0%
4:00 PM	5	30.0	41.1	1.8	106.3	4.0	0.0%
4:00 PM	6	30.0	34.5	1.4	105.5	4.5	0.0%
4:00 PM	7	30.0	52.8	2.0	139.8	5.0	0.0%
4:00 PM	8	30.0	52.7	2.2	124.9	5.0	0.0%
4:00 PM	9	30.0	42.1	1.7	117.6	4.5	0.0%
4:00 PM	10	30.0	42.7	1.7	131.5	5.0	0.0%
4:15 PM	1	29.0	44.6	1.7	140.2	4.6	0.0%

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	2	29.0	49.4	1.9	133.0	4.0	0.0%
4:15 PM	3	29.0	41.8	1.7	135.1	5.0	0.0%
4:15 PM	4	29.0	51.6	2.1	131.6	5.0	0.0%
4:15 PM	5	29.0	43.7	1.7	115.0	4.6	0.0%
4:15 PM	6	29.0	40.4	1.7	122.8	5.0	0.0%
4:15 PM	7	29.0	41.8	1.7	114.8	4.6	0.0%
4:15 PM	8	29.0	39.6	1.7	98.0	4.0	0.0%
4:15 PM	9	29.0	44.7	1.8	132.0	4.6	0.0%
4:15 PM	10	29.0	42.2	1.6	143.2	4.6	0.0%
3:30 PM	Avg	30.0	46.3	1.8	142.4	5.1	0.0%
3:45 PM	Avg	30.0	43.8	1.8	132.3	5.0	0.0%
4:00 PM	Avg	30.0	45.3	1.8	128.2	4.8	0.0%
4:15 PM	Avg	29.0	44.0	1.8	126.6	4.6	0.0%
SB L on [Unnamed Street] - Lane ID 274815							
3:30 PM	1	30.0	9.2	0.6	34.3	1.5	0.0%
3:30 PM	2	30.0	10.7	0.6	45.6	2.0	0.0%
3:30 PM	3	30.0	8.8	0.6	37.7	2.0	0.0%
3:30 PM	4	30.0	4.8	0.4	17.8	1.0	0.0%
3:30 PM	5	30.0	4.3	0.4	18.4	1.0	0.0%
3:30 PM	6	30.0	8.0	0.5	26.9	1.5	0.0%
3:30 PM	7	30.0	7.3	0.5	19.8	1.0	0.0%
3:30 PM	8	30.0	3.2	0.3	16.2	1.0	0.0%
3:30 PM	9	30.0	8.3	0.6	18.2	1.0	0.0%
3:30 PM	10	30.0	7.8	0.6	19.7	1.0	0.0%
3:45 PM	1	30.0	5.8	0.4	16.5	1.0	0.0%
3:45 PM	2	30.0	14.0	0.5	61.4	1.0	0.0%
3:45 PM	3	30.0	5.7	0.4	16.0	1.0	0.0%
3:45 PM	4	30.0	6.4	0.6	16.1	1.0	0.0%
3:45 PM	5	30.0	3.7	0.3	15.3	1.0	0.0%
3:45 PM	6	30.0	8.4	0.5	26.5	1.5	0.0%
3:45 PM	7	30.0	4.5	0.4	18.8	1.0	0.0%
3:45 PM	8	30.0	4.2	0.3	17.2	1.0	0.0%
3:45 PM	9	30.0	1.7	0.1	14.6	1.0	0.0%
3:45 PM	10	30.0	6.9	0.5	17.5	1.0	0.0%
4:00 PM	1	30.0	8.1	0.5	30.0	1.0	0.0%
4:00 PM	2	30.0	10.0	0.5	41.5	1.0	0.0%
4:00 PM	3	30.0	8.2	0.5	18.4	1.0	0.0%
4:00 PM	4	30.0	7.8	0.5	22.2	1.0	0.0%
4:00 PM	5	30.0	4.6	0.3	16.7	1.0	0.0%
4:00 PM	6	30.0	2.8	0.3	15.5	1.0	0.0%
4:00 PM	7	30.0	5.1	0.5	17.5	1.0	0.0%
4:00 PM	8	30.0	7.0	0.6	17.1	1.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	9	30.0	5.2	0.4	18.9	1.0	0.0%
4:00 PM	10	30.0	7.7	0.4	38.1	1.0	0.0%
4:15 PM	1	29.0	8.0	0.6	20.5	1.0	0.0%
4:15 PM	2	29.0	9.4	0.6	18.4	1.0	0.0%
4:15 PM	3	29.0	6.0	0.5	19.4	1.0	0.0%
4:15 PM	4	29.0	6.5	0.6	16.9	1.0	0.0%
4:15 PM	5	29.0	7.5	0.5	21.8	1.0	0.0%
4:15 PM	6	29.0	5.6	0.4	16.9	1.0	0.0%
4:15 PM	7	29.0	4.7	0.4	17.0	1.0	0.0%
4:15 PM	8	29.0	9.3	0.7	18.5	1.0	0.0%
4:15 PM	9	29.0	9.3	0.7	17.8	1.0	0.0%
4:15 PM	10	29.0	6.5	0.6	17.2	1.0	0.0%
3:30 PM	Avg	30.0	7.2	0.5	25.5	1.3	0.0%
3:45 PM	Avg	30.0	6.1	0.4	22.0	1.1	0.0%
4:00 PM	Avg	30.0	6.7	0.5	23.6	1.0	0.0%
4:15 PM	Avg	29.0	7.3	0.6	18.4	1.0	0.0%
SB R on [Unnamed Street] - Lane ID 274817							
3:30 PM	1	30.0	7.4	0.3	30.2	1.0	0.0%
3:30 PM	2	30.0	10.0	0.4	43.3	2.0	0.0%
3:30 PM	3	30.0	11.0	0.5	61.9	2.0	0.0%
3:30 PM	4	30.0	8.6	0.4	46.1	2.0	0.0%
3:30 PM	5	30.0	3.5	0.2	16.9	1.0	0.0%
3:30 PM	6	30.0	14.1	0.6	71.1	2.5	0.0%
3:30 PM	7	30.0	11.7	0.6	45.1	2.0	0.0%
3:30 PM	8	30.0	7.1	0.3	31.1	1.0	0.0%
3:30 PM	9	30.0	9.2	0.5	40.1	2.0	0.0%
3:30 PM	10	30.0	16.8	0.6	74.7	2.5	0.0%
3:45 PM	1	30.0	8.2	0.4	31.2	1.5	0.0%
3:45 PM	2	30.0	14.7	0.6	61.0	2.5	0.0%
3:45 PM	3	30.0	22.8	0.9	96.9	3.5	0.0%
3:45 PM	4	30.0	7.5	0.4	42.5	2.0	0.0%
3:45 PM	5	30.0	14.6	0.7	52.2	2.0	0.0%
3:45 PM	6	30.0	12.7	0.6	46.1	2.0	0.0%
3:45 PM	7	30.0	9.5	0.4	50.2	2.0	0.0%
3:45 PM	8	30.0	6.2	0.3	24.6	1.0	0.0%
3:45 PM	9	30.0	11.9	0.5	50.9	2.0	0.0%
3:45 PM	10	30.0	9.1	0.4	36.8	2.0	0.0%
4:00 PM	1	30.0	10.9	0.5	43.6	2.0	0.0%
4:00 PM	2	30.0	13.5	0.6	54.0	2.0	0.0%
4:00 PM	3	30.0	8.3	0.3	22.9	1.0	0.0%
4:00 PM	4	30.0	14.5	0.4	56.3	2.0	0.0%
4:00 PM	5	30.0	8.6	0.4	38.5	2.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	6	30.0	13.9	0.6	82.1	3.0	0.0%
4:00 PM	7	30.0	12.4	0.6	44.1	2.0	0.0%
4:00 PM	8	30.0	15.9	0.7	74.8	3.0	0.0%
4:00 PM	9	30.0	6.1	0.3	31.6	1.5	0.0%
4:00 PM	10	30.0	13.1	0.7	50.5	2.5	0.0%
4:15 PM	1	29.0	8.3	0.4	25.8	1.0	0.0%
4:15 PM	2	29.0	21.1	0.9	77.0	3.0	0.0%
4:15 PM	3	29.0	9.0	0.4	40.1	2.0	0.0%
4:15 PM	4	29.0	7.1	0.3	28.3	1.0	0.0%
4:15 PM	5	29.0	7.2	0.3	42.1	2.0	0.0%
4:15 PM	6	29.0	12.3	0.6	59.3	2.0	0.0%
4:15 PM	7	29.0	8.3	0.4	25.4	1.0	0.0%
4:15 PM	8	29.0	18.9	0.7	74.0	2.0	0.0%
4:15 PM	9	29.0	13.9	0.6	62.4	2.6	0.0%
4:15 PM	10	29.0	6.8	0.3	42.1	2.0	0.0%
3:30 PM	Avg	30.0	9.9	0.4	46.1	1.8	0.0%
3:45 PM	Avg	30.0	11.7	0.5	49.2	2.1	0.0%
4:00 PM	Avg	30.0	11.7	0.5	49.8	2.1	0.0%
4:15 PM	Avg	29.0	11.3	0.5	47.7	1.9	0.0%
SB T on [Unnamed Street] - Lane ID 274816							
3:30 PM	1	30.0	18.1	0.9	54.4	2.0	0.0%
3:30 PM	2	30.0	18.2	0.7	84.8	2.5	0.0%
3:30 PM	3	30.0	20.8	1.0	68.4	3.0	0.0%
3:30 PM	4	30.0	34.2	1.5	82.9	3.0	0.0%
3:30 PM	5	30.0	23.6	1.0	87.8	2.5	0.0%
3:30 PM	6	30.0	24.1	1.1	71.0	3.0	0.0%
3:30 PM	7	30.0	25.7	1.1	75.7	3.0	0.0%
3:30 PM	8	30.0	20.9	0.9	65.4	2.5	0.0%
3:30 PM	9	30.0	25.0	1.0	70.6	3.0	0.0%
3:30 PM	10	30.0	26.6	1.2	74.5	3.0	0.0%
3:45 PM	1	30.0	24.7	1.1	83.6	3.0	0.0%
3:45 PM	2	30.0	20.7	1.0	67.7	2.5	0.0%
3:45 PM	3	30.0	22.0	1.0	61.5	2.5	0.0%
3:45 PM	4	30.0	15.8	0.8	68.1	3.0	0.0%
3:45 PM	5	30.0	25.1	1.1	85.7	3.0	0.0%
3:45 PM	6	30.0	23.2	1.0	71.7	3.0	0.0%
3:45 PM	7	30.0	24.8	1.0	77.9	3.0	0.0%
3:45 PM	8	30.0	18.3	0.8	72.1	3.0	0.0%
3:45 PM	9	30.0	17.8	0.8	61.4	2.0	0.0%
3:45 PM	10	30.0	22.7	1.1	56.5	2.5	0.0%
4:00 PM	1	30.0	22.8	1.1	60.7	2.5	0.0%
4:00 PM	2	30.0	19.4	0.9	63.5	2.5	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	3	30.0	22.2	1.1	69.9	3.0	0.0%
4:00 PM	4	30.0	15.0	0.7	46.5	2.0	0.0%
4:00 PM	5	30.0	24.0	1.1	74.5	2.5	0.0%
4:00 PM	6	30.0	20.3	1.0	74.2	3.0	0.0%
4:00 PM	7	30.0	26.1	1.0	91.6	3.1	0.0%
4:00 PM	8	30.0	24.0	1.0	65.0	2.5	0.0%
4:00 PM	9	30.0	22.9	1.0	63.7	2.5	0.0%
4:00 PM	10	30.0	20.7	0.9	62.2	2.0	0.0%
4:15 PM	1	29.0	18.6	0.9	65.3	3.0	0.0%
4:15 PM	2	29.0	27.9	1.2	78.2	3.0	0.0%
4:15 PM	3	29.0	20.9	1.0	64.3	3.0	0.0%
4:15 PM	4	29.0	20.9	1.1	64.2	3.0	0.0%
4:15 PM	5	29.0	15.8	0.7	55.2	2.0	0.0%
4:15 PM	6	29.0	26.3	1.1	75.8	3.0	0.0%
4:15 PM	7	29.0	18.5	0.9	63.9	2.6	0.0%
4:15 PM	8	29.0	22.1	1.0	61.0	2.6	0.0%
4:15 PM	9	29.0	23.0	1.1	61.3	2.6	0.0%
4:15 PM	10	29.0	14.3	0.7	50.5	2.0	0.0%
3:30 PM	Avg	30.0	23.7	1.0	73.6	2.8	0.0%
3:45 PM	Avg	30.0	21.5	1.0	70.6	2.8	0.0%
4:00 PM	Avg	30.0	21.7	1.0	67.2	2.6	0.0%
4:15 PM	Avg	29.0	20.8	1.0	64.0	2.7	0.0%
WB L on LAKE AVE NW - Lane ID 274794							
3:30 PM	1	30.0	20.3	0.9	74.0	2.5	0.0%
3:30 PM	2	30.0	19.8	0.9	47.7	2.0	0.0%
3:30 PM	3	30.0	20.0	1.0	53.1	2.5	0.0%
3:30 PM	4	30.0	16.9	0.8	45.6	2.0	0.0%
3:30 PM	5	30.0	17.2	0.8	67.0	2.5	0.0%
3:30 PM	6	30.0	17.3	0.8	55.7	2.0	0.0%
3:30 PM	7	30.0	16.8	0.8	46.4	2.0	0.0%
3:30 PM	8	30.0	20.0	0.8	75.5	2.0	0.0%
3:30 PM	9	30.0	17.5	0.8	51.5	2.5	0.0%
3:30 PM	10	30.0	22.0	1.0	48.0	2.0	0.0%
3:45 PM	1	30.0	20.3	1.0	50.8	2.0	0.0%
3:45 PM	2	30.0	19.5	0.9	57.7	2.5	0.0%
3:45 PM	3	30.0	19.3	0.8	59.4	2.0	0.0%
3:45 PM	4	30.0	10.6	0.6	44.2	2.0	0.0%
3:45 PM	5	30.0	17.0	0.8	48.5	2.0	0.0%
3:45 PM	6	30.0	19.2	0.9	53.0	2.0	0.0%
3:45 PM	7	30.0	19.3	0.9	61.6	2.5	0.0%
3:45 PM	8	30.0	25.4	1.1	80.2	3.0	0.0%
3:45 PM	9	30.0	14.8	0.7	46.1	2.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	10	30.0	26.1	1.1	70.1	3.0	0.0%
4:00 PM	1	30.0	18.6	0.9	53.8	2.0	0.0%
4:00 PM	2	30.0	22.3	1.0	55.6	2.0	0.0%
4:00 PM	3	30.0	28.7	1.2	71.9	3.0	0.0%
4:00 PM	4	30.0	25.0	1.1	60.4	2.5	0.0%
4:00 PM	5	30.0	23.8	0.9	70.5	2.5	0.0%
4:00 PM	6	30.0	19.2	0.9	58.9	2.5	0.0%
4:00 PM	7	30.0	19.9	0.9	53.9	2.0	0.0%
4:00 PM	8	30.0	14.4	0.8	35.6	2.0	0.0%
4:00 PM	9	30.0	14.7	0.8	45.9	2.0	0.0%
4:00 PM	10	30.0	28.4	1.2	73.7	3.0	0.0%
4:15 PM	1	29.0	22.5	1.1	51.1	2.0	0.0%
4:15 PM	2	29.0	20.9	1.0	47.6	2.0	0.0%
4:15 PM	3	29.0	21.6	1.0	52.1	2.0	0.0%
4:15 PM	4	29.0	14.6	0.7	48.1	2.0	0.0%
4:15 PM	5	29.0	18.8	0.9	60.6	2.0	0.0%
4:15 PM	6	29.0	13.8	0.6	64.0	2.6	0.0%
4:15 PM	7	29.0	28.8	1.2	97.3	3.6	0.0%
4:15 PM	8	29.0	16.8	0.8	62.3	3.0	0.0%
4:15 PM	9	29.0	15.0	0.7	46.5	2.0	0.0%
4:15 PM	10	29.0	22.9	1.1	67.9	3.0	0.0%
3:30 PM	Avg	30.0	18.8	0.9	56.5	2.2	0.0%
3:45 PM	Avg	30.0	19.2	0.9	57.2	2.3	0.0%
4:00 PM	Avg	30.0	21.5	1.0	58.0	2.4	0.0%
4:15 PM	Avg	29.0	19.6	0.9	59.8	2.4	0.0%
WB TR on LAKE AVE NW - Lane ID 274784							
3:30 PM	1	30.0	70.9	2.4	213.6	7.0	0.0%
3:30 PM	2	30.0	66.6	2.4	173.1	6.5	0.0%
3:30 PM	3	30.0	49.0	2.0	199.7	7.5	0.0%
3:30 PM	4	30.0	66.5	2.2	233.7	7.5	0.0%
3:30 PM	5	30.0	57.4	2.1	176.4	6.5	0.0%
3:30 PM	6	30.0	63.0	2.4	184.4	7.0	0.0%
3:30 PM	7	30.0	54.2	1.9	164.2	5.5	0.0%
3:30 PM	8	30.0	63.7	2.4	219.3	7.0	0.0%
3:30 PM	9	30.0	61.0	2.3	232.2	8.5	0.0%
3:30 PM	10	30.0	46.8	1.7	176.5	7.0	0.0%
3:45 PM	1	30.0	53.3	2.0	183.0	7.0	0.0%
3:45 PM	2	30.0	60.5	2.3	201.2	7.5	0.0%
3:45 PM	3	30.0	51.4	1.9	166.1	6.5	0.0%
3:45 PM	4	30.0	81.1	2.9	257.1	8.5	0.0%
3:45 PM	5	30.0	60.5	2.2	211.0	7.6	0.0%
3:45 PM	6	30.0	49.9	2.0	160.7	6.0	0.0%

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	7	30.0	58.2	2.3	211.4	8.1	0.0%
3:45 PM	8	30.0	60.2	2.3	215.7	8.0	0.0%
3:45 PM	9	30.0	66.2	2.3	248.8	8.0	0.0%
3:45 PM	10	30.0	61.7	2.1	186.1	6.5	0.0%
4:00 PM	1	30.0	53.7	1.9	177.8	6.0	0.0%
4:00 PM	2	30.0	69.9	2.4	211.6	6.5	0.0%
4:00 PM	3	30.0	51.3	1.8	192.9	6.5	0.0%
4:00 PM	4	30.0	76.9	2.9	217.5	8.5	0.0%
4:00 PM	5	30.0	69.9	2.5	210.5	7.5	0.0%
4:00 PM	6	30.0	61.0	2.2	197.2	7.5	0.0%
4:00 PM	7	30.0	38.7	1.3	162.6	5.5	0.0%
4:00 PM	8	30.0	37.2	1.5	166.7	6.5	0.0%
4:00 PM	9	30.0	85.5	3.0	227.5	8.0	0.0%
4:00 PM	10	30.0	78.6	2.8	265.6	9.0	0.0%
4:15 PM	1	29.0	59.6	2.1	182.3	6.6	0.0%
4:15 PM	2	29.0	43.9	1.7	207.2	7.2	0.0%
4:15 PM	3	29.0	69.1	2.5	232.7	8.0	0.0%
4:15 PM	4	29.0	55.8	2.1	241.2	8.2	0.0%
4:15 PM	5	29.0	69.6	2.7	193.6	7.6	0.0%
4:15 PM	6	29.0	67.2	2.3	258.9	8.0	0.0%
4:15 PM	7	29.0	62.0	2.4	193.5	7.6	0.0%
4:15 PM	8	29.0	104.3	3.6	393.7	14.4	0.0%
4:15 PM	9	29.0	58.1	2.2	191.0	7.6	0.0%
4:15 PM	10	29.0	61.6	2.2	195.9	7.0	0.0%
3:30 PM	Avg	30.0	59.9	2.2	197.3	7.0	0.0%
3:45 PM	Avg	30.0	60.3	2.2	204.1	7.4	0.0%
4:00 PM	Avg	30.0	62.3	2.2	203.0	7.2	0.0%
4:15 PM	Avg	29.0	65.1	2.4	229.0	8.2	0.0%

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	10.1	3.3	6.4	16.6	10
3:45 PM	10.2	2.6	7.2	15.7	10
4:00 PM	12.9	2.6	9.5	18.3	10
4:15 PM	12.0	2.8	8.7	16.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	162.8	82.4	83.1	348.5	10
3:45 PM	204.2	135.8	84.8	468.9	10
4:00 PM	211.0	111.9	101.9	417.5	10
4:15 PM	221.8	114.6	112.1	405.3	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	4.8	1.8	2.9	8.8	10
3:45 PM	5.6	1.5	3.9	7.8	10
4:00 PM	5.0	1.2	3.2	6.8	10
4:15 PM	4.7	1.0	3.4	6.6	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	66.2	10.5	50.0	79.9	10
3:45 PM	61.5	8.6	47.4	75.8	10
4:00 PM	70.2	8.3	56.4	81.6	10
4:15 PM	67.0	12.9	41.6	84.2	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	81.4	32.3	44.9	158.6	10
3:45 PM	69.6	18.1	42.0	105.9	10
4:00 PM	79.2	16.9	49.6	97.3	10
4:15 PM	74.0	21.9	42.4	107.8	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	36.1	11.6	24.5	61.8	10
3:45 PM	69.1	13.5	48.6	97.5	10
4:00 PM	57.9	16.2	36.0	79.2	10
4:15 PM	82.2	37.9	31.6	154.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	20.9	5.8	12.3	31.8	10
3:45 PM	22.2	8.8	10.9	37.7	10
4:00 PM	22.6	6.1	15.0	34.1	10
4:15 PM	28.8	7.5	19.3	45.4	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	24.9	8.8	15.8	43.1	10
3:45 PM	26.8	10.8	16.3	46.0	10
4:00 PM	23.3	9.4	12.4	36.2	10
4:15 PM	33.1	8.7	18.3	48.7	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	41.7	8.2	33.1	60.5	10
3:45 PM	45.3	9.7	27.2	59.4	10
4:00 PM	51.6	14.0	32.7	74.2	10
4:15 PM	44.7	16.5	26.2	84.9	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	1.6	1.0	0.5	3.9	10
3:45 PM	1.6	0.9	0.6	3.3	10
4:00 PM	1.8	1.4	0.0	4.1	10
4:15 PM	1.2	0.5	0.5	1.8	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	23.4	4.8	18.6	31.9	10
3:45 PM	30.2	8.1	20.4	49.6	10
4:00 PM	27.9	8.1	16.1	39.7	10
4:15 PM	30.4	7.5	19.8	40.3	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
3:30 PM	78.4	10.9	56.6	95.0	10
3:45 PM	79.0	12.5	59.7	100.7	10
4:00 PM	90.0	16.8	64.3	108.0	10
4:15 PM	81.4	12.3	59.6	103.0	10
EB R on LAKE AVE NW - Lane ID 274812					
3:30 PM	0.3	0.3	0.0	0.8	10
3:45 PM	0.5	0.3	0.0	0.8	10
4:00 PM	0.4	0.4	0.0	1.1	10
4:15 PM	1.1	1.0	0.0	3.2	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
3:30 PM	15.6	5.0	10.8	26.4	10
3:45 PM	18.4	7.2	9.6	28.8	10
4:00 PM	16.3	6.6	6.5	24.8	10
4:15 PM	19.0	5.8	11.7	29.1	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	5.3	1.9	2.2	7.8	10
3:45 PM	3.9	1.8	0.7	6.3	10
4:00 PM	5.9	2.0	3.5	9.3	10
4:15 PM	5.1	2.0	2.1	7.4	10
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	46.3	6.8	35.3	59.0	10
3:45 PM	43.8	8.2	32.4	56.9	10
4:00 PM	45.3	8.5	33.5	60.3	10
4:15 PM	44.0	3.8	39.6	51.6	10
SB L on [Unnamed Street] - Lane ID 274815					
3:30 PM	7.2	2.4	3.2	10.7	10
3:45 PM	6.1	3.3	1.7	14.0	10
4:00 PM	6.7	2.2	2.8	10.0	10
4:15 PM	7.3	1.7	4.7	9.4	10
SB R on [Unnamed Street] - Lane ID 274817					
3:30 PM	9.9	3.8	3.5	16.8	10
3:45 PM	11.7	4.9	6.2	22.8	10
4:00 PM	11.7	3.1	6.1	15.9	10
4:15 PM	11.3	5.2	6.8	21.1	10
SB T on [Unnamed Street] - Lane ID 274816					
3:30 PM	23.7	4.7	18.1	34.2	10
3:45 PM	21.5	3.3	15.8	25.1	10
4:00 PM	21.7	3.1	15.0	26.1	10
4:15 PM	20.8	4.3	14.3	27.9	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	18.8	1.8	16.8	22.0	10
3:45 PM	19.2	4.5	10.6	26.1	10
4:00 PM	21.5	5.1	14.4	28.7	10
4:15 PM	19.6	4.7	13.8	28.8	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	59.9	7.9	46.8	70.9	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
3:45 PM	60.3	8.9	49.9	81.1	10
4:00 PM	62.3	16.7	37.2	85.5	10
4:15 PM	65.1	15.7	43.9	104.3	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Avg Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.5	0.2	0.3	0.8	10
3:45 PM	0.5	0.1	0.4	0.7	10
4:00 PM	0.7	0.1	0.5	0.9	10
4:15 PM	0.7	0.1	0.5	0.8	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	6.0	2.9	3.3	13.0	10
3:45 PM	7.4	4.7	3.2	16.7	10
4:00 PM	7.8	3.9	4.1	15.1	10
4:15 PM	8.0	3.7	4.4	14.4	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.1	0.2	0.4	10
4:15 PM	0.3	0.1	0.2	0.4	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	2.6	0.4	2.0	3.0	10
3:45 PM	2.4	0.3	2.0	2.9	10
4:00 PM	2.7	0.4	2.1	3.2	10
4:15 PM	2.6	0.5	1.6	3.2	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	3.0	1.1	1.7	5.5	10
3:45 PM	2.6	0.6	1.6	3.7	10
4:00 PM	2.9	0.6	1.8	3.8	10
4:15 PM	2.7	0.7	1.7	3.7	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	1.5	0.4	1.1	2.4	10
3:45 PM	2.7	0.5	1.9	3.8	10
4:00 PM	2.3	0.6	1.5	3.1	10
4:15 PM	3.1	1.3	1.3	5.5	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	0.8	0.2	0.6	1.2	10
3:45 PM	0.9	0.3	0.5	1.5	10
4:00 PM	1.0	0.2	0.7	1.4	10
4:15 PM	1.2	0.3	0.8	1.7	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	1.0	0.3	0.6	1.6	10
3:45 PM	1.0	0.4	0.6	1.6	10
4:00 PM	1.0	0.4	0.5	1.5	10
4:15 PM	1.3	0.3	0.8	1.9	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	1.6	0.3	1.3	2.3	10
3:45 PM	1.8	0.3	1.1	2.3	10
4:00 PM	2.0	0.5	1.4	2.7	10
4:15 PM	1.8	0.5	1.2	2.9	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	0.1	0.0	0.0	0.1	10
3:45 PM	0.1	0.1	0.0	0.2	10
4:00 PM	0.1	0.0	0.0	0.1	10
4:15 PM	0.1	0.1	0.0	0.1	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	1.0	0.1	0.8	1.2	10
3:45 PM	1.3	0.3	0.8	1.9	10
4:00 PM	1.1	0.3	0.7	1.5	10
4:15 PM	1.2	0.2	0.9	1.6	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
3:30 PM	3.0	0.3	2.2	3.4	10
3:45 PM	3.0	0.4	2.2	3.5	10
4:00 PM	3.3	0.6	2.4	3.9	10
4:15 PM	3.1	0.4	2.2	3.6	10
EB R on LAKE AVE NW - Lane ID 274812					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.1	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
3:30 PM	0.7	0.2	0.5	1.1	10
3:45 PM	0.8	0.3	0.4	1.1	10
4:00 PM	0.7	0.3	0.3	1.0	10
4:15 PM	0.8	0.2	0.5	1.1	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.2	0.1	0.1	0.4	10
4:00 PM	0.3	0.1	0.2	0.6	10
4:15 PM	0.3	0.1	0.1	0.4	10
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	1.8	0.2	1.5	2.1	10
3:45 PM	1.8	0.3	1.3	2.3	10
4:00 PM	1.8	0.3	1.4	2.2	10
4:15 PM	1.8	0.1	1.6	2.1	10
SB L on [Unnamed Street] - Lane ID 274815					
3:30 PM	0.5	0.1	0.3	0.6	10
3:45 PM	0.4	0.1	0.1	0.6	10
4:00 PM	0.5	0.1	0.3	0.6	10
4:15 PM	0.6	0.1	0.4	0.7	10
SB R on [Unnamed Street] - Lane ID 274817					
3:30 PM	0.4	0.1	0.2	0.6	10
3:45 PM	0.5	0.2	0.3	0.9	10
4:00 PM	0.5	0.2	0.3	0.7	10
4:15 PM	0.5	0.2	0.3	0.9	10
SB T on [Unnamed Street] - Lane ID 274816					
3:30 PM	1.0	0.2	0.7	1.5	10
3:45 PM	1.0	0.1	0.8	1.1	10
4:00 PM	1.0	0.1	0.7	1.1	10
4:15 PM	1.0	0.2	0.7	1.2	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	0.9	0.1	0.8	1.0	10
3:45 PM	0.9	0.2	0.6	1.1	10
4:00 PM	1.0	0.1	0.8	1.2	10
4:15 PM	0.9	0.2	0.6	1.2	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	2.2	0.2	1.7	2.4	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
3:45 PM	2.2	0.3	1.9	2.9	10
4:00 PM	2.2	0.6	1.3	3.0	10
4:15 PM	2.4	0.5	1.7	3.6	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Queue

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	28.9	11.5	18.8	44.8	10
3:45 PM	34.6	17.3	17.8	70.5	10
4:00 PM	34.9	18.9	18.9	77.7	10
4:15 PM	35.0	13.6	18.0	52.3	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	359.5	156.3	208.9	629.8	10
3:45 PM	412.3	159.1	206.6	614.8	10
4:00 PM	420.5	148.7	219.7	619.7	10
4:15 PM	418.6	140.6	265.0	620.7	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	22.2	11.0	15.8	52.2	10
3:45 PM	23.0	8.4	15.3	40.9	10
4:00 PM	19.2	3.8	15.8	26.5	10
4:15 PM	17.9	1.1	16.6	19.6	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	171.1	26.8	129.7	207.1	10
3:45 PM	165.2	26.1	125.5	195.9	10
4:00 PM	177.8	19.8	139.7	207.9	10
4:15 PM	168.1	23.3	132.0	205.3	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	245.3	82.3	172.1	467.7	10
3:45 PM	216.8	46.1	137.8	307.0	10
4:00 PM	235.7	39.0	161.5	303.6	10
4:15 PM	220.9	56.2	142.1	304.7	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	115.8	22.1	78.2	145.2	10
3:45 PM	169.7	21.9	138.5	205.7	10
4:00 PM	151.6	38.5	76.2	187.7	10
4:15 PM	200.5	71.0	104.4	329.4	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	96.0	31.6	49.7	160.2	10
3:45 PM	113.2	47.7	64.1	184.5	10
4:00 PM	110.8	33.3	42.7	160.1	10
4:15 PM	127.0	44.6	65.1	209.6	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	117.2	48.8	72.1	240.5	10
3:45 PM	125.8	56.7	65.0	255.4	10
4:00 PM	108.9	54.1	59.5	193.2	10
4:15 PM	133.0	42.7	87.1	217.5	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	147.6	36.4	110.5	223.6	10
3:45 PM	150.2	25.5	109.3	192.2	10
4:00 PM	171.1	33.4	124.1	226.6	10
4:15 PM	157.7	31.7	122.3	227.7	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	9.4	9.3	0.0	28.5	10
3:45 PM	11.5	8.1	0.0	22.1	10
4:00 PM	12.1	10.3	0.0	32.7	10
4:15 PM	6.8	6.5	0.0	17.5	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	88.1	25.4	65.8	138.4	10
3:45 PM	106.4	24.3	84.4	159.1	10
4:00 PM	112.6	39.0	54.2	177.2	10
4:15 PM	105.6	36.9	52.4	166.4	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
3:30 PM	194.9	21.7	162.6	228.5	10
3:45 PM	201.0	21.6	171.3	236.9	10
4:00 PM	207.1	29.8	152.5	254.3	10
4:15 PM	187.0	16.8	159.7	222.4	10
EB R on LAKE AVE NW - Lane ID 274812					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.8	2.5	0.0	7.8	10
4:15 PM	4.6	8.8	0.0	26.6	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
3:30 PM	80.5	25.2	45.5	115.0	10
3:45 PM	86.4	29.0	54.8	129.3	10
4:00 PM	77.1	28.5	17.7	114.4	10
4:15 PM	101.1	29.5	56.9	148.8	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	27.7	11.4	15.2	43.5	10
3:45 PM	19.2	8.3	5.3	36.2	10
4:00 PM	29.8	17.2	16.7	69.5	10
4:15 PM	26.4	11.0	15.4	47.4	10
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	142.4	14.9	121.0	172.1	10
3:45 PM	132.3	17.7	106.9	161.8	10
4:00 PM	128.2	20.3	105.5	166.8	10
4:15 PM	126.6	13.9	98.0	143.2	10
SB L on [Unnamed Street] - Lane ID 274815					
3:30 PM	25.5	10.3	16.2	45.6	10
3:45 PM	22.0	14.2	14.6	61.4	10
4:00 PM	23.6	9.5	15.5	41.5	10
4:15 PM	18.4	1.7	16.9	21.8	10
SB R on [Unnamed Street] - Lane ID 274817					
3:30 PM	46.1	18.5	16.9	74.7	10
3:45 PM	49.2	19.9	24.6	96.9	10
4:00 PM	49.8	18.2	22.9	82.1	10
4:15 PM	47.7	19.4	25.4	77.0	10
SB T on [Unnamed Street] - Lane ID 274816					
3:30 PM	73.6	10.0	54.4	87.8	10
3:45 PM	70.6	9.6	56.5	85.7	10
4:00 PM	67.2	11.7	46.5	91.6	10
4:15 PM	64.0	8.3	50.5	78.2	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	56.5	11.5	45.6	75.5	10
3:45 PM	57.2	11.3	44.2	80.2	10
4:00 PM	58.0	12.0	35.6	73.7	10
4:15 PM	59.8	15.3	46.5	97.3	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	197.3	25.9	164.2	233.7	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
3:45 PM	204.1	31.9	160.7	257.1	10
4:00 PM	203.0	30.9	162.6	265.6	10
4:15 PM	229.0	63.2	182.3	393.7	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Percentile Num Queued

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	1.4	0.5	1.0	2.0	10
3:45 PM	1.5	0.5	1.0	2.0	10
4:00 PM	1.6	0.7	1.0	3.0	10
4:15 PM	1.5	0.5	1.0	2.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	13.0	5.5	8.0	23.0	10
3:45 PM	15.1	5.6	7.5	22.0	10
4:00 PM	15.2	5.3	8.5	23.0	10
4:15 PM	14.8	4.6	10.0	21.2	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	1.0	0.0	1.0	1.0	10
3:45 PM	1.1	0.3	1.0	2.0	10
4:00 PM	1.0	0.0	1.0	1.0	10
4:15 PM	1.0	0.0	1.0	1.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	6.3	0.9	5.0	7.5	10
3:45 PM	6.1	1.0	5.0	7.5	10
4:00 PM	6.5	0.8	5.0	7.5	10
4:15 PM	6.1	0.9	5.0	7.6	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	8.5	2.8	6.0	16.1	10
3:45 PM	7.7	1.5	5.0	10.1	10
4:00 PM	8.1	1.1	6.0	9.5	10
4:15 PM	8.0	1.7	5.6	10.2	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	4.4	0.9	3.0	6.0	10
3:45 PM	6.4	0.9	5.0	8.0	10
4:00 PM	5.7	1.4	3.0	7.1	10
4:15 PM	6.7	2.0	4.0	10.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	3.6	1.0	2.0	5.6	10
3:45 PM	4.2	1.4	2.5	6.5	10
4:00 PM	4.4	1.2	2.0	6.5	10
4:15 PM	4.6	1.3	3.0	7.4	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	4.4	1.6	3.0	8.5	10
3:45 PM	4.6	1.8	2.5	8.6	10
4:00 PM	4.1	1.9	2.5	7.5	10
4:15 PM	5.2	1.5	3.6	8.0	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	5.1	1.1	3.5	7.5	10
3:45 PM	5.3	0.6	4.1	6.5	10
4:00 PM	6.1	0.9	5.0	7.5	10
4:15 PM	5.7	0.7	4.6	6.6	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	0.5	0.4	0.0	1.0	10
3:45 PM	0.7	0.4	0.0	1.0	10
4:00 PM	0.6	0.5	0.0	1.0	10
4:15 PM	0.4	0.4	0.0	1.0	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	3.5	0.8	2.5	5.0	10
3:45 PM	4.1	0.9	3.0	6.0	10
4:00 PM	3.9	1.2	2.0	5.6	10
4:15 PM	3.8	1.1	2.0	5.6	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
3:30 PM	6.8	0.6	6.0	8.0	10
3:45 PM	7.0	0.7	6.0	8.1	10
4:00 PM	7.2	1.1	6.0	9.0	10
4:15 PM	6.6	0.4	6.0	7.0	10
EB R on LAKE AVE NW - Lane ID 274812					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.1	0.2	0.0	0.5	10
4:15 PM	0.3	0.4	0.0	1.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
3:30 PM	3.2	0.7	2.0	4.0	10
3:45 PM	3.4	1.0	2.5	5.1	10
4:00 PM	3.0	1.0	1.0	4.5	10
4:15 PM	3.8	1.1	2.6	6.0	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	1.4	0.5	1.0	2.0	10
3:45 PM	1.1	0.4	0.5	2.0	10
4:00 PM	1.3	0.4	1.0	2.0	10
4:15 PM	1.2	0.3	1.0	1.6	10
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	5.1	0.5	4.0	5.5	10
3:45 PM	5.0	0.6	4.0	6.0	10
4:00 PM	4.8	0.6	4.0	6.0	10
4:15 PM	4.6	0.4	4.0	5.0	10
SB L on [Unnamed Street] - Lane ID 274815					
3:30 PM	1.3	0.4	1.0	2.0	10
3:45 PM	1.1	0.2	1.0	1.5	10
4:00 PM	1.0	0.0	1.0	1.0	10
4:15 PM	1.0	0.0	1.0	1.0	10
SB R on [Unnamed Street] - Lane ID 274817					
3:30 PM	1.8	0.6	1.0	2.5	10
3:45 PM	2.1	0.6	1.0	3.5	10
4:00 PM	2.1	0.6	1.0	3.0	10
4:15 PM	1.9	0.7	1.0	3.0	10
SB T on [Unnamed Street] - Lane ID 274816					
3:30 PM	2.8	0.4	2.0	3.0	10
3:45 PM	2.8	0.4	2.0	3.0	10
4:00 PM	2.6	0.4	2.0	3.1	10
4:15 PM	2.7	0.4	2.0	3.0	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	2.2	0.3	2.0	2.5	10
3:45 PM	2.3	0.4	2.0	3.0	10
4:00 PM	2.4	0.4	2.0	3.0	10
4:15 PM	2.4	0.6	2.0	3.6	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	7.0	0.8	5.5	8.5	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
3:45 PM	7.4	0.8	6.0	8.5	10
4:00 PM	7.2	1.1	5.5	9.0	10
4:15 PM	8.2	2.2	6.6	14.4	10

Project: Alt 4_SR-21 & Lake Ave_Existing Signals
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINT

Lane Queue by Intersection - Spillback Rate

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB TR on LAKE AVE NW - Lane ID 262157					
3:30 PM	0.1	0.1	0.0	0.3	10
3:45 PM	0.1	0.2	0.0	0.6	10
4:00 PM	0.1	0.2	0.0	0.6	10
4:15 PM	0.0	0.1	0.0	0.2	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.1	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 — NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 274810					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB R on LAKE AVE NW - Lane ID 274812					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on LAKE AVE NW - Lane ID 274811					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB L on [Unnamed Street] - Lane ID 274804					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NB TR on [Unnamed Street] - Lane ID 274788					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB L on [Unnamed Street] - Lane ID 274815					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB R on [Unnamed Street] - Lane ID 274817					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on [Unnamed Street] - Lane ID 274816					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 274794					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB TR on LAKE AVE NW - Lane ID 274784					
3:30 PM	0.0	0.0	0.0	0.0	10

LAKE AVE NW, 55104 & 55106 NODE: 4

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
WB TR on LAKE AVE NW - Lane ID 274784					
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

Build Alternate 5

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on LAKE AVE NW: Superlink ID 52029					
7:15 AM	1	5.0	0.00	25.5	C
7:15 AM	2	4.0	0.00	16.2	B
7:15 AM	3	6.0	0.00	18.5	B
7:15 AM	4	5.0	0.00	31.4	C
7:15 AM	5	5.0	0.00	31.3	C
7:15 AM	6	5.0	0.00	25.7	C
7:15 AM	7	5.0	0.00	25.1	C
7:15 AM	8	5.0	0.00	25.6	C
7:15 AM	9	6.0	0.00	23.5	C
7:15 AM	10	5.0	0.00	31.6	C
7:30 AM	1	5.0	0.10	37.6	D
7:30 AM	2	6.0	0.10	38.4	D
7:30 AM	3	5.0	0.00	18.7	B
7:30 AM	4	5.0	0.00	30.2	C
7:30 AM	5	5.0	0.00	21.9	C
7:30 AM	6	5.0	0.00	20.7	C
7:30 AM	7	5.0	0.00	19.2	B
7:30 AM	8	5.0	0.00	23.8	C
7:30 AM	9	5.0	0.00	30.4	C
7:30 AM	10	5.0	0.00	11.3	B
7:45 AM	1	5.0	0.00	16.5	B
7:45 AM	2	5.0	0.00	17.9	B
7:45 AM	3	5.0	0.00	23.2	C
7:45 AM	4	5.0	0.00	34.5	C
7:45 AM	5	5.0	0.00	23.6	C
7:45 AM	6	5.0	0.00	23.2	C
7:45 AM	7	4.0	0.00	36.8	D
7:45 AM	8	5.0	0.00	29.3	C
7:45 AM	9	5.0	0.00	27.5	C
7:45 AM	10	5.0	0.00	23.6	C
8:00 AM	1	5.0	0.00	32.8	C
8:00 AM	2	5.0	0.00	28.8	C
8:00 AM	3	5.0	0.00	12.8	B
8:00 AM	4	4.0	0.00	12.2	B
8:00 AM	5	5.0	0.10	38.3	D
8:00 AM	6	5.0	0.10	37.6	D

8:00 AM	7	5.0	0.00	30.7	C
8:00 AM	8	5.0	0.00	27.4	C
8:00 AM	9	4.0	0.00	23.1	C
8:00 AM	10	5.0	0.00	26.7	C
7:15 AM	Avg	5.1	0.00	25.4	C
7:30 AM	Avg	5.1	0.02	25.2	C
7:45 AM	Avg	4.9	0.00	25.6	C
8:00 AM	Avg	4.8	0.02	27.0	C

EB T on LAKE AVE NW: Superlink ID 52029

7:15 AM	1	41.0	0.20	20.5	C
7:15 AM	2	38.0	0.20	19.2	B
7:15 AM	3	41.0	0.30	22.8	C
7:15 AM	4	40.0	0.20	19.9	B
7:15 AM	5	42.0	0.30	24.1	C
7:15 AM	6	38.0	0.20	22.3	C
7:15 AM	7	39.0	0.20	18.5	B
7:15 AM	8	41.0	0.20	21.2	C
7:15 AM	9	40.0	0.30	24.0	C
7:15 AM	10	39.0	0.30	24.2	C
7:30 AM	1	39.0	0.20	23.0	C
7:30 AM	2	44.0	0.30	25.4	C
7:30 AM	3	43.0	0.20	20.6	C
7:30 AM	4	41.0	0.30	22.9	C
7:30 AM	5	39.0	0.30	28.1	C
7:30 AM	6	42.0	0.20	19.1	B
7:30 AM	7	42.0	0.30	27.5	C
7:30 AM	8	41.0	0.30	24.0	C
7:30 AM	9	42.0	0.30	23.5	C
7:30 AM	10	42.0	0.20	20.3	C
7:45 AM	1	40.0	0.30	26.0	C
7:45 AM	2	39.0	0.30	25.2	C
7:45 AM	3	40.0	0.20	19.9	B
7:45 AM	4	41.0	0.30	22.8	C
7:45 AM	5	40.0	0.30	23.2	C
7:45 AM	6	40.0	0.30	29.0	C
7:45 AM	7	41.0	0.30	29.4	C
7:45 AM	8	41.0	0.30	27.5	C
7:45 AM	9	41.0	0.30	27.8	C
7:45 AM	10	41.0	0.30	25.3	C
8:00 AM	1	42.0	0.30	26.7	C
8:00 AM	2	41.0	0.30	25.4	C
8:00 AM	3	38.0	0.20	22.2	C
8:00 AM	4	40.0	0.30	24.3	C
8:00 AM	5	39.0	0.20	19.5	B
8:00 AM	6	41.0	0.30	29.1	C
8:00 AM	7	38.0	0.20	20.8	C

8:00 AM	8	42.0	0.30	24.6	C
8:00 AM	9	39.0	0.30	25.4	C
8:00 AM	10	41.0	0.20	19.9	B
7:15 AM	Avg	39.9	0.24	21.7	C
7:30 AM	Avg	41.5	0.26	23.5	C
7:45 AM	Avg	40.4	0.29	25.6	C
8:00 AM	Avg	40.1	0.26	23.8	C

EB TR on LAKE AVE NW: Superlink ID 52029

7:15 AM	1	69.0	0.60	30.9	C
7:15 AM	2	64.0	0.50	25.9	C
7:15 AM	3	61.0	0.40	25.6	C
7:15 AM	4	64.0	0.40	20.9	C
7:15 AM	5	65.0	0.50	26.5	C
7:15 AM	6	63.0	0.40	24.5	C
7:15 AM	7	64.0	0.50	25.4	C
7:15 AM	8	62.0	0.40	25.6	C
7:15 AM	9	63.0	0.60	32.9	C
7:15 AM	10	64.0	0.60	32.0	C
7:30 AM	1	64.0	0.60	31.2	C
7:30 AM	2	66.0	0.40	22.4	C
7:30 AM	3	68.0	0.70	36.9	D
7:30 AM	4	62.0	0.60	37.6	D
7:30 AM	5	64.0	0.60	31.4	C
7:30 AM	6	66.0	0.40	23.1	C
7:30 AM	7	65.0	0.60	33.6	C
7:30 AM	8	65.0	0.80	45.6	D
7:30 AM	9	66.0	0.50	25.1	C
7:30 AM	10	64.0	0.70	40.7	D
7:45 AM	1	62.0	0.40	25.6	C
7:45 AM	2	62.0	0.40	24.4	C
7:45 AM	3	63.0	0.60	32.1	C
7:45 AM	4	65.0	0.50	26.3	C
7:45 AM	5	65.0	0.50	30.0	C
7:45 AM	6	63.0	0.70	38.1	D
7:45 AM	7	64.0	0.50	28.9	C
7:45 AM	8	63.0	0.50	30.0	C
7:45 AM	9	65.0	1.00	53.3	D
7:45 AM	10	64.0	0.50	26.3	C
8:00 AM	1	69.0	0.50	28.1	C
8:00 AM	2	67.0	0.60	32.8	C
8:00 AM	3	63.0	0.50	26.9	C
8:00 AM	4	68.0	0.60	32.8	C
8:00 AM	5	64.0	0.50	30.1	C
8:00 AM	6	64.0	0.60	32.4	C
8:00 AM	7	63.0	0.60	31.5	C
8:00 AM	8	67.0	0.50	25.9	C

8:00 AM	9	65.0	0.60	32.8	C
8:00 AM	10	66.0	0.50	27.4	C
7:15 AM	Avg	63.9	0.49	27.0	C
7:30 AM	Avg	65.0	0.59	32.8	C
7:45 AM	Avg	63.6	0.56	31.5	C
8:00 AM	Avg	65.6	0.55	30.1	C

NWB L on GREAT LAKES BLVD NW: Superlink ID 52044

7:15 AM	1	4.0	0.00	28.8	C
7:15 AM	2	6.0	0.10	32.0	C
7:15 AM	3	5.0	0.10	56.8	E
7:15 AM	4	4.0	0.00	43.2	D
7:15 AM	5	5.0	0.10	36.3	D
7:15 AM	6	5.0	0.10	37.7	D
7:15 AM	7	5.0	0.00	30.4	C
7:15 AM	8	5.0	0.10	42.6	D
7:15 AM	9	6.0	0.10	40.2	D
7:15 AM	10	5.0	0.00	34.6	C
7:30 AM	1	5.0	0.10	41.7	D
7:30 AM	2	4.0	0.00	34.7	C
7:30 AM	3	4.0	0.00	22.0	C
7:30 AM	4	6.0	0.00	24.9	C
7:30 AM	5	4.0	0.00	32.4	C
7:30 AM	6	4.0	0.00	26.3	C
7:30 AM	7	5.0	0.10	39.5	D
7:30 AM	8	4.0	0.00	29.1	C
7:30 AM	9	5.0	0.00	25.6	C
7:30 AM	10	4.0	0.00	43.2	D
7:45 AM	1	6.0	0.00	18.9	B
7:45 AM	2	6.0	0.00	26.1	C
7:45 AM	3	6.0	0.10	34.8	C
7:45 AM	4	5.0	0.00	34.3	C
7:45 AM	5	5.0	0.00	21.8	C
7:45 AM	6	6.0	0.10	42.3	D
7:45 AM	7	5.0	0.10	37.1	D
7:45 AM	8	6.0	0.10	38.0	D
7:45 AM	9	5.0	0.00	16.1	B
7:45 AM	10	6.0	0.00	23.8	C
8:00 AM	1	4.0	0.00	27.7	C
8:00 AM	2	4.0	0.00	10.2	B
8:00 AM	3	5.0	0.00	32.7	C
8:00 AM	4	5.0	0.00	23.7	C
8:00 AM	5	5.0	0.00	18.4	B
8:00 AM	6	5.0	0.10	41.0	D
8:00 AM	7	6.0	0.00	20.8	C
8:00 AM	8	4.0	0.00	36.4	D
8:00 AM	9	4.0	0.00	27.1	C

8:00 AM	10	4.0	0.00	42.0	D
7:15 AM	Avg	5.0	0.06	38.3	D
7:30 AM	Avg	4.5	0.02	31.9	C
7:45 AM	Avg	5.6	0.04	29.3	C
8:00 AM	Avg	4.6	0.01	28.0	C

NWB T on GREAT LAKES BLVD NW: Superlink ID 52044

7:15 AM	1	45.0	0.20	17.9	B
7:15 AM	2	49.0	0.20	17.0	B
7:15 AM	3	48.0	0.20	13.1	B
7:15 AM	4	49.0	0.20	14.0	B
7:15 AM	5	51.0	0.20	17.2	B
7:15 AM	6	52.0	0.20	15.4	B
7:15 AM	7	52.0	0.20	12.8	B
7:15 AM	8	46.0	0.20	19.0	B
7:15 AM	9	54.0	0.20	14.8	B
7:15 AM	10	49.0	0.20	15.1	B
7:30 AM	1	48.0	0.30	20.2	C
7:30 AM	2	52.0	0.20	13.2	B
7:30 AM	3	50.0	0.30	19.4	B
7:30 AM	4	48.0	0.20	18.1	B
7:30 AM	5	53.0	0.20	16.6	B
7:30 AM	6	50.0	0.20	16.7	B
7:30 AM	7	49.0	0.20	16.8	B
7:30 AM	8	46.0	0.30	22.3	C
7:30 AM	9	54.0	0.30	17.2	B
7:30 AM	10	46.0	0.20	17.1	B
7:45 AM	1	53.0	0.20	16.5	B
7:45 AM	2	47.0	0.30	19.2	B
7:45 AM	3	52.0	0.20	14.4	B
7:45 AM	4	49.0	0.20	16.7	B
7:45 AM	5	54.0	0.30	17.4	B
7:45 AM	6	55.0	0.20	16.1	B
7:45 AM	7	48.0	0.30	19.5	B
7:45 AM	8	51.0	0.20	14.0	B
7:45 AM	9	53.0	0.20	16.4	B
7:45 AM	10	53.0	0.20	16.5	B
8:00 AM	1	45.0	0.20	16.9	B
8:00 AM	2	47.0	0.20	13.8	B
8:00 AM	3	54.0	0.30	18.2	B
8:00 AM	4	54.0	0.30	17.0	B
8:00 AM	5	49.0	0.20	15.3	B
8:00 AM	6	51.0	0.20	13.0	B
8:00 AM	7	51.0	0.20	16.8	B
8:00 AM	8	49.0	0.30	18.4	B
8:00 AM	9	53.0	0.30	18.8	B
8:00 AM	10	51.0	0.20	15.5	B

7:15 AM	Avg	49.5	0.20	15.7	B
7:30 AM	Avg	49.6	0.24	17.8	B
7:45 AM	Avg	51.5	0.23	16.7	B
8:00 AM	Avg	50.4	0.24	16.4	B

NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044

7:15 AM	1	83.0	0.30	11.6	B
7:15 AM	2	84.0	0.30	14.3	B
7:15 AM	3	81.0	0.30	13.0	B
7:15 AM	4	82.0	0.30	12.1	B
7:15 AM	5	73.0	0.30	14.5	B
7:15 AM	6	80.0	0.30	12.4	B
7:15 AM	7	75.0	0.30	14.1	B
7:15 AM	8	81.0	0.30	13.9	B
7:15 AM	9	76.0	0.30	15.7	B
7:15 AM	10	80.0	0.40	18.8	B
7:30 AM	1	89.0	0.30	12.3	B
7:30 AM	2	78.0	0.30	15.8	B
7:30 AM	3	81.0	0.40	17.7	B
7:30 AM	4	86.0	0.30	14.1	B
7:30 AM	5	85.0	0.40	15.0	B
7:30 AM	6	82.0	0.30	12.5	B
7:30 AM	7	85.0	0.30	11.2	B
7:30 AM	8	92.0	0.40	14.2	B
7:30 AM	9	77.0	0.30	15.6	B
7:30 AM	10	84.0	0.30	12.1	B
7:45 AM	1	79.0	0.30	14.1	B
7:45 AM	2	91.0	0.30	10.7	B
7:45 AM	3	85.0	0.30	12.4	B
7:45 AM	4	81.0	0.20	9.6	A
7:45 AM	5	76.0	0.40	17.7	B
7:45 AM	6	80.0	0.30	15.3	B
7:45 AM	7	87.0	0.30	14.4	B
7:45 AM	8	82.0	0.30	14.1	B
7:45 AM	9	80.0	0.30	14.5	B
7:45 AM	10	81.0	0.30	14.7	B
8:00 AM	1	85.0	0.30	12.6	B
8:00 AM	2	81.0	0.30	12.7	B
8:00 AM	3	80.0	0.40	18.5	B
8:00 AM	4	74.0	0.30	14.0	B
8:00 AM	5	83.0	0.30	14.1	B
8:00 AM	6	80.0	0.40	16.5	B
8:00 AM	7	83.0	0.40	16.7	B
8:00 AM	8	81.0	0.30	14.5	B
8:00 AM	9	78.0	0.30	16.1	B
8:00 AM	10	80.0	0.40	19.4	B

7:15 AM	Avg	79.5	0.31	14.0	B
7:30 AM	Avg	83.9	0.33	14.1	B
7:45 AM	Avg	82.2	0.30	13.7	B
8:00 AM	Avg	80.5	0.34	15.5	B

SB L on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	19.0	0.20	41.9	D
7:15 AM	2	16.0	0.10	27.2	C
7:15 AM	3	17.0	0.20	33.0	C
7:15 AM	4	19.0	0.20	35.5	D
7:15 AM	5	20.0	0.10	27.0	C
7:15 AM	6	19.0	0.20	37.5	D
7:15 AM	7	19.0	0.20	38.8	D
7:15 AM	8	20.0	0.30	47.0	D
7:15 AM	9	21.0	0.20	40.4	D
7:15 AM	10	17.0	0.20	31.9	C
7:30 AM	1	24.0	0.30	42.7	D
7:30 AM	2	28.0	0.30	35.7	D
7:30 AM	3	26.0	0.30	37.9	D
7:30 AM	4	23.0	0.30	43.0	D
7:30 AM	5	24.0	0.20	34.5	C
7:30 AM	6	23.0	0.30	39.6	D
7:30 AM	7	24.0	0.20	33.2	C
7:30 AM	8	26.0	0.30	39.0	D
7:30 AM	9	21.0	0.20	34.6	C
7:30 AM	10	25.0	0.30	44.0	D
7:45 AM	1	27.0	0.40	55.5	E
7:45 AM	2	24.0	0.30	39.0	D
7:45 AM	3	25.0	0.20	32.8	C
7:45 AM	4	24.0	0.30	42.2	D
7:45 AM	5	23.0	0.20	33.7	C
7:45 AM	6	25.0	0.30	46.5	D
7:45 AM	7	24.0	0.30	47.6	D
7:45 AM	8	20.0	0.40	64.3	E
7:45 AM	9	22.0	0.20	40.6	D
7:45 AM	10	26.0	0.60	85.8	F
8:00 AM	1	18.0	0.20	40.7	D
8:00 AM	2	25.0	0.20	29.6	C
8:00 AM	3	25.0	0.30	36.8	D
8:00 AM	4	29.0	0.40	55.0	D
8:00 AM	5	26.0	0.30	40.9	D
8:00 AM	6	25.0	0.30	45.9	D
8:00 AM	7	29.0	0.60	78.9	E
8:00 AM	8	29.0	0.40	55.5	E
8:00 AM	9	28.0	0.40	56.9	E
8:00 AM	10	28.0	0.30	41.1	D
7:15 AM	Avg	18.7	0.19	36.0	D

7:30 AM	Avg	24.4	0.27	38.4	D
7:45 AM	Avg	24.0	0.32	48.8	D
8:00 AM	Avg	26.2	0.34	48.1	D

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	45.0	0.30	21.5	C
7:15 AM	2	38.0	0.20	22.6	C
7:15 AM	3	40.0	0.20	21.6	C
7:15 AM	4	42.0	0.30	22.9	C
7:15 AM	5	41.0	0.20	21.2	C
7:15 AM	6	42.0	0.20	21.1	C
7:15 AM	7	37.0	0.20	22.4	C
7:15 AM	8	46.0	0.20	18.3	B
7:15 AM	9	42.0	0.20	14.5	B
7:15 AM	10	39.0	0.20	18.5	B
7:30 AM	1	50.0	0.30	23.6	C
7:30 AM	2	60.0	0.40	21.0	C
7:30 AM	3	52.0	0.30	22.4	C
7:30 AM	4	52.0	0.30	17.7	B
7:30 AM	5	52.0	0.40	27.9	C
7:30 AM	6	42.0	0.20	19.2	B
7:30 AM	7	53.0	0.30	22.8	C
7:30 AM	8	50.0	0.30	20.8	C
7:30 AM	9	52.0	0.30	17.9	B
7:30 AM	10	53.0	0.20	15.9	B
7:45 AM	1	52.0	0.30	19.5	B
7:45 AM	2	44.0	0.20	12.7	B
7:45 AM	3	51.0	0.30	21.9	C
7:45 AM	4	56.0	0.40	22.6	C
7:45 AM	5	54.0	0.40	23.6	C
7:45 AM	6	63.0	0.40	21.0	C
7:45 AM	7	49.0	0.30	22.4	C
7:45 AM	8	50.0	0.20	16.5	B
7:45 AM	9	51.0	0.30	21.0	C
7:45 AM	10	55.0	0.30	18.7	B
8:00 AM	1	39.0	0.20	17.6	B
8:00 AM	2	56.0	0.40	25.1	C
8:00 AM	3	54.0	0.40	25.3	C
8:00 AM	4	48.0	0.30	19.0	B
8:00 AM	5	55.0	0.30	18.6	B
8:00 AM	6	48.0	0.40	26.4	C
8:00 AM	7	52.0	0.30	23.7	C
8:00 AM	8	54.0	0.40	25.4	C
8:00 AM	9	44.0	0.40	28.7	C
8:00 AM	10	65.0	0.30	17.9	B
7:15 AM	Avg	41.2	0.22	20.4	C
7:30 AM	Avg	51.6	0.30	20.9	C

7:45 AM	Avg	52.5	0.31	20.0	B
8:00 AM	Avg	51.5	0.34	22.8	C

SB TR on GREAT LAKES BLVD NW: Superlink ID 52043

7:15 AM	1	38.0	0.20	21.6	C
7:15 AM	2	37.0	0.20	22.7	C
7:15 AM	3	36.0	0.20	22.7	C
7:15 AM	4	38.0	0.20	23.4	C
7:15 AM	5	39.0	0.20	18.3	B
7:15 AM	6	40.0	0.30	24.0	C
7:15 AM	7	44.0	0.20	19.9	B
7:15 AM	8	42.0	0.20	18.6	B
7:15 AM	9	33.0	0.10	15.8	B
7:15 AM	10	41.0	0.20	16.5	B
7:30 AM	1	55.0	0.40	22.9	C
7:30 AM	2	58.0	0.40	23.5	C
7:30 AM	3	56.0	0.30	17.4	B
7:30 AM	4	54.0	0.30	20.3	C
7:30 AM	5	57.0	0.40	22.9	C
7:30 AM	6	64.0	0.20	13.1	B
7:30 AM	7	56.0	0.30	17.5	B
7:30 AM	8	53.0	0.30	17.6	B
7:30 AM	9	59.0	0.30	16.3	B
7:30 AM	10	54.0	0.30	19.5	B
7:45 AM	1	60.0	0.30	19.3	B
7:45 AM	2	49.0	0.10	10.6	B
7:45 AM	3	60.0	0.30	16.4	B
7:45 AM	4	56.0	0.40	25.0	C
7:45 AM	5	54.0	0.40	25.5	C
7:45 AM	6	51.0	0.30	22.1	C
7:45 AM	7	53.0	0.30	19.1	B
7:45 AM	8	46.0	0.20	16.6	B
7:45 AM	9	61.0	0.30	16.4	B
7:45 AM	10	51.0	0.40	25.8	C
8:00 AM	1	46.0	0.30	20.7	C
8:00 AM	2	59.0	0.30	19.4	B
8:00 AM	3	52.0	0.40	24.7	C
8:00 AM	4	57.0	0.30	18.7	B
8:00 AM	5	55.0	0.30	22.6	C
8:00 AM	6	51.0	0.30	24.5	C
8:00 AM	7	54.0	0.30	21.1	C
8:00 AM	8	60.0	0.40	22.8	C
8:00 AM	9	62.0	0.40	21.5	C
8:00 AM	10	46.0	0.30	21.3	C
7:15 AM	Avg	38.8	0.20	20.4	C
7:30 AM	Avg	56.6	0.32	19.1	B
7:45 AM	Avg	54.1	0.30	19.7	B

8:00 AM	Avg	54.2	0.33	21.7	C

WB L on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	80.0	0.60	26.9	C
7:15 AM	2	84.0	0.80	33.4	C
7:15 AM	3	80.0	0.60	27.1	C
7:15 AM	4	79.0	0.60	25.8	C
7:15 AM	5	80.0	0.60	28.1	C
7:15 AM	6	84.0	0.60	25.9	C
7:15 AM	7	77.0	0.60	26.8	C
7:15 AM	8	81.0	0.60	25.5	C
7:15 AM	9	84.0	0.60	27.8	C
7:15 AM	10	79.0	0.60	28.5	C
7:30 AM	1	80.0	0.60	27.7	C
7:30 AM	2	79.0	0.70	32.8	C
7:30 AM	3	79.0	0.60	28.7	C
7:30 AM	4	80.0	0.70	32.7	C
7:30 AM	5	78.0	0.60	27.6	C
7:30 AM	6	77.0	0.60	30.1	C
7:30 AM	7	83.0	0.70	29.0	C
7:30 AM	8	79.0	0.60	27.2	C
7:30 AM	9	78.0	0.70	30.1	C
7:30 AM	10	83.0	0.70	32.0	C
7:45 AM	1	79.0	0.60	26.6	C
7:45 AM	2	79.0	0.70	31.3	C
7:45 AM	3	81.0	0.70	30.3	C
7:45 AM	4	85.0	0.60	27.4	C
7:45 AM	5	78.0	0.60	26.4	C
7:45 AM	6	76.0	0.60	29.5	C
7:45 AM	7	78.0	0.60	27.4	C
7:45 AM	8	83.0	0.60	24.6	C
7:45 AM	9	79.0	0.60	27.2	C
7:45 AM	10	82.0	0.70	30.9	C
8:00 AM	1	82.0	0.80	34.0	C
8:00 AM	2	83.0	0.60	26.7	C
8:00 AM	3	79.0	0.70	30.1	C
8:00 AM	4	77.0	0.60	26.6	C
8:00 AM	5	83.0	0.60	28.2	C
8:00 AM	6	83.0	0.70	30.0	C
8:00 AM	7	80.0	0.70	33.3	C
8:00 AM	8	78.0	0.60	27.2	C
8:00 AM	9	81.0	0.70	31.2	C
8:00 AM	10	73.0	0.60	29.9	C
7:15 AM	Avg	80.8	0.62	27.6	C
7:30 AM	Avg	79.6	0.65	29.8	C
7:45 AM	Avg	80.0	0.63	28.2	C
8:00 AM	Avg	79.9	0.66	29.7	C

WB R on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	42.0	0.10	5.2	A
7:15 AM	2	43.0	0.10	4.4	A
7:15 AM	3	40.0	0.00	4.3	A
7:15 AM	4	44.0	0.00	3.1	A
7:15 AM	5	42.0	0.10	4.5	A
7:15 AM	6	42.0	0.10	4.9	A
7:15 AM	7	42.0	0.10	4.6	A
7:15 AM	8	42.0	0.10	4.4	A
7:15 AM	9	42.0	0.10	5.1	A
7:15 AM	10	45.0	0.10	5.6	A
7:30 AM	1	42.0	0.10	7.0	A
7:30 AM	2	40.0	0.00	4.0	A
7:30 AM	3	41.0	0.10	5.8	A
7:30 AM	4	42.0	0.10	5.9	A
7:30 AM	5	44.0	0.10	5.6	A
7:30 AM	6	43.0	0.10	4.4	A
7:30 AM	7	41.0	0.10	5.4	A
7:30 AM	8	42.0	0.10	5.5	A
7:30 AM	9	41.0	0.10	4.8	A
7:30 AM	10	41.0	0.10	5.3	A
7:45 AM	1	43.0	0.00	3.5	A
7:45 AM	2	45.0	0.10	4.9	A
7:45 AM	3	43.0	0.10	6.1	A
7:45 AM	4	43.0	0.00	3.1	A
7:45 AM	5	40.0	0.00	4.4	A
7:45 AM	6	42.0	0.00	4.0	A
7:45 AM	7	44.0	0.00	4.1	A
7:45 AM	8	44.0	0.10	4.5	A
7:45 AM	9	43.0	0.10	5.5	A
7:45 AM	10	43.0	0.00	3.9	A
8:00 AM	1	43.0	0.00	4.2	A
8:00 AM	2	41.0	0.10	4.9	A
8:00 AM	3	42.0	0.10	4.8	A
8:00 AM	4	40.0	0.10	5.2	A
8:00 AM	5	46.0	0.10	5.7	A
8:00 AM	6	41.0	0.10	5.8	A
8:00 AM	7	42.0	0.00	4.2	A
8:00 AM	8	43.0	0.10	4.5	A
8:00 AM	9	45.0	0.10	4.3	A
8:00 AM	10	41.0	0.10	4.9	A
7:15 AM	Avg	42.4	0.08	4.6	A
7:30 AM	Avg	41.7	0.09	5.4	A
7:45 AM	Avg	43.0	0.04	4.4	A
8:00 AM	Avg	42.4	0.08	4.8	A

WB T on LAKE AVE NW: Superlink ID 52038

7:15 AM	1	49.0	0.30	23.8	C
7:15 AM	2	48.0	0.30	24.2	C
7:15 AM	3	52.0	0.40	26.5	C
7:15 AM	4	49.0	0.20	17.4	B
7:15 AM	5	49.0	0.40	27.0	C
7:15 AM	6	48.0	0.30	22.6	C
7:15 AM	7	51.0	0.30	24.7	C
7:15 AM	8	50.0	0.30	21.1	C
7:15 AM	9	51.0	0.40	27.4	C
7:15 AM	10	47.0	0.30	24.6	C
7:30 AM	1	49.0	0.40	27.3	C
7:30 AM	2	54.0	0.30	23.0	C
7:30 AM	3	50.0	0.30	20.8	C
7:30 AM	4	49.0	0.30	21.3	C
7:30 AM	5	50.0	0.30	24.8	C
7:30 AM	6	51.0	0.30	21.5	C
7:30 AM	7	50.0	0.30	21.0	C
7:30 AM	8	49.0	0.30	25.6	C
7:30 AM	9	52.0	0.30	20.8	C
7:30 AM	10	51.0	0.30	22.6	C
7:45 AM	1	48.0	0.40	28.0	C
7:45 AM	2	49.0	0.20	18.3	B
7:45 AM	3	49.0	0.30	23.1	C
7:45 AM	4	52.0	0.40	26.9	C
7:45 AM	5	52.0	0.30	24.0	C
7:45 AM	6	48.0	0.30	23.7	C
7:45 AM	7	52.0	0.40	28.8	C
7:45 AM	8	51.0	0.40	27.0	C
7:45 AM	9	50.0	0.30	21.3	C
7:45 AM	10	50.0	0.40	28.0	C
8:00 AM	1	54.0	0.40	27.0	C
8:00 AM	2	50.0	0.30	24.4	C
8:00 AM	3	49.0	0.40	26.7	C
8:00 AM	4	48.0	0.40	28.6	C
8:00 AM	5	47.0	0.30	21.0	C
8:00 AM	6	48.0	0.30	24.4	C
8:00 AM	7	46.0	0.30	26.5	C
8:00 AM	8	51.0	0.30	20.9	C
8:00 AM	9	49.0	0.30	23.4	C
8:00 AM	10	55.0	0.30	21.0	C
7:15 AM	Avg	49.4	0.32	23.9	C
7:30 AM	Avg	50.5	0.31	22.9	C
7:45 AM	Avg	50.1	0.34	24.9	C
8:00 AM	Avg	49.7	0.33	24.4	C

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.1	10
EB T on LAKE AVE NW: Superlink ID 52029					
7:15 AM	0.2	0.1	0.2	0.3	10
7:30 AM	0.3	0.1	0.2	0.3	10
7:45 AM	0.3	0.0	0.2	0.3	10
8:00 AM	0.3	0.1	0.2	0.3	10
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM	0.5	0.1	0.4	0.6	10
7:30 AM	0.6	0.1	0.4	0.8	10
7:45 AM	0.6	0.2	0.4	1.0	10
8:00 AM	0.6	0.1	0.5	0.6	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	0.1	0.1	0.0	0.1	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.1	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.1	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	0.2	0.0	0.2	0.2	10
7:30 AM	0.2	0.1	0.2	0.3	10
7:45 AM	0.2	0.0	0.2	0.3	10
8:00 AM	0.2	0.1	0.2	0.3	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	0.3	0.0	0.3	0.4	10
7:30 AM	0.3	0.0	0.3	0.4	10
7:45 AM	0.3	0.0	0.2	0.4	10
8:00 AM	0.3	0.1	0.3	0.4	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.3	0.0	0.2	0.3	10
7:45 AM	0.3	0.1	0.2	0.6	10
8:00 AM	0.3	0.1	0.2	0.6	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.2	0.0	0.2	0.3	10
7:30 AM	0.3	0.1	0.2	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.1	0.2	0.4	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	0.2	0.0	0.1	0.3	10
7:30 AM	0.3	0.1	0.2	0.4	10
7:45 AM	0.3	0.1	0.1	0.4	10
8:00 AM	0.3	0.0	0.3	0.4	10
WB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.6	0.1	0.6	0.8	10
7:30 AM	0.7	0.1	0.6	0.7	10
7:45 AM	0.6	0.0	0.6	0.7	10
8:00 AM	0.7	0.1	0.6	0.8	10
WB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.0	0.0	0.1	10
7:45 AM	0.0	0.1	0.0	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
WB T on LAKE AVE NW: Superlink ID 52038					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.0	0.3	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.3	0.0	0.3	0.4	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
7:15 AM	25.4	5.2	16.2	31.6	10
7:30 AM	25.2	8.7	11.3	38.4	10
7:45 AM	25.6	6.5	16.5	36.8	10
8:00 AM	27.0	9.0	12.2	38.3	10
EB T on LAKE AVE NW: Superlink ID 52029					
7:15 AM	21.7	2.1	18.5	24.2	10
7:30 AM	23.5	3.0	19.1	28.1	10
7:45 AM	25.6	3.0	19.9	29.4	10
8:00 AM	23.8	3.1	19.5	29.1	10
EB TR on LAKE AVE NW: Superlink ID 52029					
7:15 AM	27.0	3.7	20.9	32.9	10
7:30 AM	32.8	7.7	22.4	45.6	10
7:45 AM	31.5	8.6	24.4	53.3	10
8:00 AM	30.1	2.8	25.9	32.8	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	38.3	8.2	28.8	56.8	10
7:30 AM	31.9	7.6	22.0	43.2	10
7:45 AM	29.3	9.1	16.1	42.3	10
8:00 AM	28.0	10.2	10.2	42.0	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	15.7	2.1	12.8	19.0	10
7:30 AM	17.8	2.4	13.2	22.3	10
7:45 AM	16.7	1.8	14.0	19.5	10
8:00 AM	16.4	1.9	13.0	18.8	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
7:15 AM	14.0	2.1	11.6	18.8	10
7:30 AM	14.1	2.0	11.2	17.7	10
7:45 AM	13.7	2.3	9.6	17.7	10
8:00 AM	15.5	2.3	12.6	19.4	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	36.0	6.4	27.0	47.0	10
7:30 AM	38.4	3.9	33.2	44.0	10
7:45 AM	48.8	16.1	32.8	85.8	10
8:00 AM	48.1	14.0	29.6	78.9	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	20.4	2.6	14.5	22.9	10
7:30 AM	20.9	3.5	15.9	27.9	10
7:45 AM	20.0	3.3	12.7	23.6	10
8:00 AM	22.8	4.1	17.6	28.7	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
7:15 AM	20.4	2.9	15.8	24.0	10
7:30 AM	19.1	3.4	13.1	23.5	10
7:45 AM	19.7	4.9	10.6	25.8	10
8:00 AM	21.7	1.9	18.7	24.7	10
WB L on LAKE AVE NW: Superlink ID 52038					
7:15 AM	27.6	2.3	25.5	33.4	10
7:30 AM	29.8	2.1	27.2	32.8	10
7:45 AM	28.2	2.2	24.6	31.3	10
8:00 AM	29.7	2.6	26.6	34.0	10
WB R on LAKE AVE NW: Superlink ID 52038					
7:15 AM	4.6	0.7	3.1	5.6	10
7:30 AM	5.4	0.8	4.0	7.0	10
7:45 AM	4.4	0.9	3.1	6.1	10
8:00 AM	4.8	0.6	4.2	5.8	10
WB T on LAKE AVE NW: Superlink ID 52038					
7:15 AM	23.9	3.0	17.4	27.4	10
7:30 AM	22.9	2.3	20.8	27.3	10
7:45 AM	24.9	3.4	18.3	28.8	10
8:00 AM	24.4	2.8	20.9	28.6	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Roundabout Level of Service by Lane - Overview

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT **NODE: 8**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on [Unnamed Street]: Lane ID 274823					
7:15 AM	1	71.0	0.00	0.9	A
7:15 AM	2	69.0	0.00	0.6	A
7:15 AM	3	69.0	0.00	0.6	A
7:15 AM	4	71.0	0.00	0.7	A
7:15 AM	5	72.0	0.00	1.3	A
7:15 AM	6	70.0	0.00	1.1	A
7:15 AM	7	71.0	0.00	0.6	A
7:15 AM	8	74.0	0.00	0.7	A
7:15 AM	9	74.0	0.00	1.1	A
7:15 AM	10	69.0	0.00	0.5	A
7:30 AM	1	75.0	0.00	1.5	A
7:30 AM	2	80.0	0.00	1.5	A
7:30 AM	3	80.0	0.00	1.1	A
7:30 AM	4	76.0	0.00	1.3	A
7:30 AM	5	75.0	0.00	1.1	A
7:30 AM	6	75.0	0.00	1.1	A
7:30 AM	7	74.0	0.00	1.6	A
7:30 AM	8	76.0	0.00	1.2	A
7:30 AM	9	76.0	0.00	1.0	A
7:30 AM	10	74.0	0.00	0.9	A
7:45 AM	1	73.0	0.00	1.3	A
7:45 AM	2	74.0	0.00	1.0	A
7:45 AM	3	74.0	0.00	0.8	A
7:45 AM	4	74.0	0.00	0.9	A
7:45 AM	5	74.0	0.00	1.2	A
7:45 AM	6	72.0	0.00	0.8	A
7:45 AM	7	77.0	0.00	1.4	A
7:45 AM	8	74.0	0.00	0.9	A
7:45 AM	9	72.0	0.00	1.2	A
7:45 AM	10	78.0	0.00	0.9	A
8:00 AM	1	74.0	0.00	1.0	A
8:00 AM	2	73.0	0.00	1.0	A
8:00 AM	3	73.0	0.00	1.0	A
8:00 AM	4	75.0	0.00	1.0	A
8:00 AM	5	75.0	0.00	0.8	A
8:00 AM	6	75.0	0.00	1.2	A
8:00 AM	7	76.0	0.00	1.7	A
8:00 AM	8	75.0	0.00	1.2	A
8:00 AM	9	75.0	0.00	1.4	A
8:00 AM	10	77.0	0.00	1.3	A
7:15 AM	Avg	71.0	0.00	0.8	A
7:30 AM	Avg	76.1	0.00	1.2	A
7:45 AM	Avg	74.2	0.00	1.0	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	Avg	74.8	0.00	1.2	A
EB T on [Unnamed Street]: Lane ID 274840					
7:15 AM	1	110.0	0.00	0.8	A
7:15 AM	2	102.0	0.00	0.8	A
7:15 AM	3	102.0	0.00	0.9	A
7:15 AM	4	106.0	0.00	0.9	A
7:15 AM	5	107.0	0.00	0.9	A
7:15 AM	6	107.0	0.00	0.7	A
7:15 AM	7	105.0	0.00	0.9	A
7:15 AM	8	104.0	0.00	0.5	A
7:15 AM	9	104.0	0.00	1.0	A
7:15 AM	10	103.0	0.00	0.7	A
7:30 AM	1	112.0	0.00	0.9	A
7:30 AM	2	114.0	0.00	1.1	A
7:30 AM	3	114.0	0.00	0.8	A
7:30 AM	4	108.0	0.00	1.1	A
7:30 AM	5	106.0	0.00	0.9	A
7:30 AM	6	109.0	0.00	0.8	A
7:30 AM	7	109.0	0.00	1.0	A
7:30 AM	8	112.0	0.00	0.9	A
7:30 AM	9	107.0	0.00	1.0	A
7:30 AM	10	109.0	0.00	0.9	A
7:45 AM	1	107.0	0.00	0.8	A
7:45 AM	2	108.0	0.00	0.8	A
7:45 AM	3	111.0	0.00	0.5	A
7:45 AM	4	111.0	0.00	0.7	A
7:45 AM	5	111.0	0.00	1.0	A
7:45 AM	6	112.0	0.00	0.7	A
7:45 AM	7	110.0	0.00	0.9	A
7:45 AM	8	105.0	0.00	0.9	A
7:45 AM	9	110.0	0.00	1.0	A
7:45 AM	10	108.0	0.00	0.7	A
8:00 AM	1	112.0	0.00	0.6	A
8:00 AM	2	110.0	0.00	0.6	A
8:00 AM	3	108.0	0.00	0.9	A
8:00 AM	4	114.0	0.00	0.8	A
8:00 AM	5	110.0	0.00	0.8	A
8:00 AM	6	109.0	0.00	0.7	A
8:00 AM	7	112.0	0.00	1.0	A
8:00 AM	8	113.0	0.00	0.7	A
8:00 AM	9	110.0	0.00	0.8	A
8:00 AM	10	114.0	0.00	0.8	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
7:15 AM	Avg	105.0	0.00	0.8	A
7:30 AM	Avg	110.0	0.00	0.9	A
7:45 AM	Avg	109.3	0.00	0.8	A
8:00 AM	Avg	111.2	0.00	0.8	A
NEB T on [Unnamed Street]: Lane ID 274828					
7:15 AM	1	36.0	0.00	3.2	A
7:15 AM	2	40.0	0.00	2.7	A
7:15 AM	3	39.0	0.00	3.2	A
7:15 AM	4	39.0	0.00	2.3	A
7:15 AM	5	36.0	0.00	2.9	A
7:15 AM	6	40.0	0.00	3.4	A
7:15 AM	7	37.0	0.00	3.1	A
7:15 AM	8	38.0	0.00	3.8	A
7:15 AM	9	39.0	0.00	2.5	A
7:15 AM	10	38.0	0.00	3.0	A
7:30 AM	1	37.0	0.00	3.7	A
7:30 AM	2	36.0	0.00	3.1	A
7:30 AM	3	37.0	0.00	2.9	A
7:30 AM	4	37.0	0.00	4.4	A
7:30 AM	5	39.0	0.00	2.5	A
7:30 AM	6	38.0	0.00	3.2	A
7:30 AM	7	38.0	0.00	4.1	A
7:30 AM	8	38.0	0.10	4.9	A
7:30 AM	9	36.0	0.00	3.7	A
7:30 AM	10	37.0	0.00	3.1	A
7:45 AM	1	39.0	0.00	2.9	A
7:45 AM	2	38.0	0.10	5.0	A
7:45 AM	3	38.0	0.00	3.6	A
7:45 AM	4	38.0	0.00	3.0	A
7:45 AM	5	38.0	0.00	3.2	A
7:45 AM	6	36.0	0.00	3.0	A
7:45 AM	7	36.0	0.00	2.4	A
7:45 AM	8	39.0	0.00	2.9	A
7:45 AM	9	38.0	0.10	5.8	A
7:45 AM	10	37.0	0.00	2.4	A
8:00 AM	1	37.0	0.00	3.3	A
8:00 AM	2	39.0	0.00	4.1	A
8:00 AM	3	36.0	0.00	4.3	A
8:00 AM	4	36.0	0.00	2.9	A
8:00 AM	5	37.0	0.00	3.2	A
8:00 AM	6	37.0	0.00	2.3	A
8:00 AM	7	39.0	0.00	3.3	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	8	37.0	0.00	2.5	A
8:00 AM	9	38.0	0.00	4.4	A
8:00 AM	10	39.0	0.00	4.0	A
7:15 AM	Avg	38.2	0.00	3.0	A
7:30 AM	Avg	37.3	0.01	3.6	A
7:45 AM	Avg	37.7	0.02	3.4	A
8:00 AM	Avg	37.5	0.00	3.4	A
SWB T on [Unnamed Street]: Lane ID 274820					
7:15 AM	1	92.0	0.10	2.4	A
7:15 AM	2	94.0	0.10	3.9	A
7:15 AM	3	91.0	0.10	3.5	A
7:15 AM	4	91.0	0.10	2.8	A
7:15 AM	5	91.0	0.10	2.2	A
7:15 AM	6	93.0	0.10	2.0	A
7:15 AM	7	91.0	0.10	2.9	A
7:15 AM	8	91.0	0.10	3.2	A
7:15 AM	9	90.0	0.10	2.5	A
7:15 AM	10	95.0	0.10	2.0	A
7:30 AM	1	93.0	0.10	2.7	A
7:30 AM	2	90.0	0.10	2.6	A
7:30 AM	3	93.0	0.10	2.9	A
7:30 AM	4	93.0	0.10	3.0	A
7:30 AM	5	93.0	0.10	2.2	A
7:30 AM	6	93.0	0.10	3.2	A
7:30 AM	7	92.0	0.10	2.8	A
7:30 AM	8	93.0	0.10	2.2	A
7:30 AM	9	95.0	0.10	2.2	A
7:30 AM	10	90.0	0.10	3.4	A
7:45 AM	1	92.0	0.10	2.4	A
7:45 AM	2	93.0	0.10	2.6	A
7:45 AM	3	95.0	0.10	2.9	A
7:45 AM	4	92.0	0.10	2.7	A
7:45 AM	5	95.0	0.10	2.8	A
7:45 AM	6	93.0	0.10	3.0	A
7:45 AM	7	96.0	0.10	3.2	A
7:45 AM	8	92.0	0.10	2.8	A
7:45 AM	9	93.0	0.10	2.6	A
7:45 AM	10	93.0	0.10	3.2	A
8:00 AM	1	95.0	0.10	2.7	A
8:00 AM	2	91.0	0.10	3.1	A
8:00 AM	3	93.0	0.10	2.7	A
8:00 AM	4	91.0	0.10	2.6	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	5	91.0	0.10	2.1	A
8:00 AM	6	90.0	0.10	2.5	A
8:00 AM	7	92.0	0.10	2.5	A
8:00 AM	8	93.0	0.10	3.9	A
8:00 AM	9	91.0	0.10	3.3	A
8:00 AM	10	90.0	0.00	2.0	A
7:15 AM	Avg	91.9	0.10	2.7	A
7:30 AM	Avg	92.5	0.10	2.7	A
7:45 AM	Avg	93.4	0.10	2.8	A
8:00 AM	Avg	91.7	0.09	2.7	A
WB T on [Unnamed Street]: Lane ID 274826					
7:15 AM	1	133.0	0.10	1.4	A
7:15 AM	2	136.0	0.10	1.9	A
7:15 AM	3	137.0	0.10	1.8	A
7:15 AM	4	135.0	0.10	2.0	A
7:15 AM	5	132.0	0.10	1.5	A
7:15 AM	6	135.0	0.10	1.6	A
7:15 AM	7	134.0	0.10	1.7	A
7:15 AM	8	137.0	0.10	1.9	A
7:15 AM	9	135.0	0.10	2.2	A
7:15 AM	10	136.0	0.10	1.6	A
7:30 AM	1	137.0	0.10	1.8	A
7:30 AM	2	134.0	0.10	2.0	A
7:30 AM	3	133.0	0.10	2.0	A
7:30 AM	4	132.0	0.10	2.1	A
7:30 AM	5	137.0	0.10	2.0	A
7:30 AM	6	134.0	0.10	1.9	A
7:30 AM	7	134.0	0.10	2.0	A
7:30 AM	8	133.0	0.10	2.1	A
7:30 AM	9	135.0	0.10	2.1	A
7:30 AM	10	135.0	0.10	1.8	A
7:45 AM	1	133.0	0.10	1.9	A
7:45 AM	2	136.0	0.10	1.7	A
7:45 AM	3	134.0	0.10	1.7	A
7:45 AM	4	137.0	0.10	1.6	A
7:45 AM	5	133.0	0.10	1.7	A
7:45 AM	6	133.0	0.10	1.5	A
7:45 AM	7	135.0	0.10	1.6	A
7:45 AM	8	133.0	0.10	2.1	A
7:45 AM	9	133.0	0.10	1.7	A
7:45 AM	10	135.0	0.10	2.0	A
8:00 AM	1	134.0	0.10	1.9	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8:00 AM	2	136.0	0.10	2.0	A
8:00 AM	3	136.0	0.10	1.5	A
8:00 AM	4	134.0	0.10	1.8	A
8:00 AM	5	136.0	0.10	2.0	A
8:00 AM	6	137.0	0.10	1.9	A
8:00 AM	7	136.0	0.10	2.3	A
8:00 AM	8	137.0	0.10	1.8	A
8:00 AM	9	135.0	0.10	1.6	A
8:00 AM	10	135.0	0.10	1.8	A
7:15 AM	Avg	135.0	0.10	1.7	A
7:30 AM	Avg	134.4	0.10	2.0	A
7:45 AM	Avg	134.2	0.10	1.7	A
8:00 AM	Avg	135.6	0.10	1.8	A

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street]: Lane ID 274823					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB T on [Unnamed Street]: Lane ID 274840					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NEB T on [Unnamed Street]: Lane ID 274828					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.1	10
7:45 AM	0.0	0.0	0.0	0.1	10
8:00 AM	0.0	0.0	0.0	0.0	10
SWB T on [Unnamed Street]: Lane ID 274820					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.0	0.1	10
WB T on [Unnamed Street]: Lane ID 274826					
7:15 AM	0.1	0.0	0.1	0.1	10
7:30 AM	0.1	0.0	0.1	0.1	10
7:45 AM	0.1	0.0	0.1	0.1	10
8:00 AM	0.1	0.0	0.1	0.1	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street]: Lane ID 274823					
7:15 AM	0.8	0.3	0.5	1.3	10
7:30 AM	1.2	0.2	0.9	1.6	10
7:45 AM	1.0	0.2	0.8	1.4	10
8:00 AM	1.2	0.3	0.8	1.7	10
EB T on [Unnamed Street]: Lane ID 274840					
7:15 AM	0.8	0.2	0.5	1.0	10
7:30 AM	0.9	0.1	0.8	1.1	10
7:45 AM	0.8	0.2	0.5	1.0	10
8:00 AM	0.8	0.1	0.6	1.0	10
NEB T on [Unnamed Street]: Lane ID 274828					
7:15 AM	3.0	0.4	2.3	3.8	10
7:30 AM	3.6	0.7	2.5	4.9	10
7:45 AM	3.4	1.1	2.4	5.8	10
8:00 AM	3.4	0.8	2.3	4.4	10
SWB T on [Unnamed Street]: Lane ID 274820					
7:15 AM	2.7	0.7	2.0	3.9	10
7:30 AM	2.7	0.4	2.2	3.4	10
7:45 AM	2.8	0.3	2.4	3.2	10
8:00 AM	2.7	0.6	2.0	3.9	10
WB T on [Unnamed Street]: Lane ID 274826					
7:15 AM	1.7	0.2	1.4	2.2	10
7:30 AM	2.0	0.1	1.8	2.1	10
7:45 AM	1.7	0.2	1.5	2.1	10
8:00 AM	1.8	0.2	1.5	2.3	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Overview

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on [Unnamed Street] - Lane ID 274823							
7:15 AM	1	30.0	1.5	0.1	10.1	0.5	6.7%
7:15 AM	2	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	3	30.0	0.8	0.0	0.0	0.0	3.3%
7:15 AM	4	30.0	1.4	0.1	0.0	0.0	3.3%
7:15 AM	5	30.0	2.2	0.1	16.3	1.0	13.3%
7:15 AM	6	30.0	1.1	0.1	9.1	0.5	6.7%
7:15 AM	7	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	8	30.0	1.2	0.1	5.7	0.5	6.7%
7:15 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	30.0	2.0	0.1	18.3	1.0	10.0%
7:30 AM	1	30.0	6.0	0.3	33.4	1.5	20.0%
7:30 AM	2	30.0	1.7	0.1	9.5	0.5	6.7%
7:30 AM	3	30.0	4.0	0.2	30.8	1.5	13.3%
7:30 AM	4	30.0	3.5	0.2	24.9	1.0	13.3%
7:30 AM	5	30.0	1.8	0.1	8.8	1.0	10.0%
7:30 AM	6	30.0	2.4	0.1	17.2	0.5	6.7%
7:30 AM	7	30.0	1.3	0.1	0.0	0.0	3.3%
7:30 AM	8	30.0	1.1	0.0	0.0	0.0	3.3%
7:30 AM	9	30.0	1.2	0.1	9.0	0.5	6.7%
7:30 AM	10	30.0	1.2	0.1	8.4	0.5	6.7%
7:45 AM	1	30.0	1.6	0.1	10.1	0.5	6.7%
7:45 AM	2	30.0	3.1	0.1	10.4	0.5	6.7%
7:45 AM	3	30.0	2.2	0.1	15.5	1.0	10.0%
7:45 AM	4	30.0	1.4	0.1	0.0	0.0	3.3%
7:45 AM	5	30.0	1.6	0.1	13.4	1.0	10.0%
7:45 AM	6	30.0	1.7	0.1	16.3	1.0	10.0%
7:45 AM	7	30.0	1.1	0.1	8.9	0.5	6.7%
7:45 AM	8	30.0	2.1	0.1	15.2	1.0	13.3%
7:45 AM	9	30.0	4.9	0.2	21.7	1.0	16.7%
7:45 AM	10	30.0	0.5	0.0	0.0	0.0	3.3%
8:00 AM	1	29.0	0.6	0.0	0.0	0.0	3.4%
8:00 AM	2	29.0	0.6	0.0	0.0	0.0	3.4%
8:00 AM	3	29.0	4.6	0.2	32.0	1.6	17.2%
8:00 AM	4	29.0	1.4	0.1	0.0	0.0	3.4%
8:00 AM	5	29.0	1.4	0.1	10.2	0.6	6.9%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	6	29.0	2.4	0.1	17.3	1.0	10.3%
8:00 AM	7	29.0	1.8	0.1	16.4	1.0	10.3%
8:00 AM	8	29.0	0.5	0.0	0.0	0.0	3.4%
8:00 AM	9	29.0	2.2	0.1	12.2	0.6	6.9%
8:00 AM	10	29.0	2.5	0.1	15.6	1.0	10.3%
7:15 AM	Avg	30.0	1.0	0.1	6.0	0.4	5.0%
7:30 AM	Avg	30.0	2.4	0.1	14.2	0.7	9.0%
7:45 AM	Avg	30.0	2.0	0.1	11.2	0.7	8.7%
8:00 AM	Avg	29.0	1.8	0.1	10.4	0.6	7.6%
EB T on [Unnamed Street] - Lane ID 274840							
7:15 AM	1	30.0	1.7	0.1	8.6	0.5	6.7%
7:15 AM	2	30.0	0.7	0.0	0.0	0.0	3.3%
7:15 AM	3	30.0	1.1	0.1	7.0	0.5	6.7%
7:15 AM	4	30.0	1.4	0.1	10.5	0.5	6.7%
7:15 AM	5	30.0	1.8	0.1	16.8	1.0	10.0%
7:15 AM	6	30.0	1.1	0.1	8.7	0.5	6.7%
7:15 AM	7	30.0	0.4	0.0	0.0	0.0	3.3%
7:15 AM	8	30.0	1.3	0.1	9.1	0.5	6.7%
7:15 AM	9	30.0	0.0	0.0	0.0	0.0	0.0%
7:15 AM	10	30.0	1.5	0.1	7.5	0.5	6.7%
7:30 AM	1	30.0	6.0	0.2	32.3	1.0	16.7%
7:30 AM	2	30.0	0.6	0.0	0.0	0.0	3.3%
7:30 AM	3	30.0	3.4	0.2	23.1	1.0	13.3%
7:30 AM	4	30.0	3.3	0.2	20.3	1.0	13.3%
7:30 AM	5	30.0	0.6	0.0	0.0	0.0	3.3%
7:30 AM	6	30.0	4.9	0.2	38.7	1.5	16.7%
7:30 AM	7	30.0	3.6	0.2	24.7	1.0	13.3%
7:30 AM	8	30.0	0.5	0.0	0.0	0.0	3.3%
7:30 AM	9	30.0	1.3	0.1	0.0	0.0	3.3%
7:30 AM	10	30.0	2.4	0.1	17.6	1.0	13.3%
7:45 AM	1	30.0	0.6	0.0	0.0	0.0	3.3%
7:45 AM	2	30.0	2.5	0.1	22.1	1.0	10.0%
7:45 AM	3	30.0	4.8	0.2	33.7	1.0	16.7%
7:45 AM	4	30.0	0.6	0.0	0.0	0.0	3.3%
7:45 AM	5	30.0	2.3	0.1	17.6	1.0	13.3%
7:45 AM	6	30.0	2.3	0.1	20.2	1.0	10.0%
7:45 AM	7	30.0	2.4	0.1	16.6	0.5	6.7%
7:45 AM	8	30.0	4.1	0.2	34.0	1.5	13.3%
7:45 AM	9	30.0	1.4	0.1	10.3	0.5	6.7%
7:45 AM	10	30.0	1.1	0.1	8.8	0.5	6.7%
8:00 AM	1	29.0	0.6	0.0	0.0	0.0	3.4%
8:00 AM	2	29.0	0.6	0.0	0.0	0.0	3.4%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	3	29.0	2.5	0.1	16.2	1.0	10.3%
8:00 AM	4	29.0	2.4	0.1	19.2	1.0	10.3%
8:00 AM	5	29.0	0.7	0.0	0.0	0.0	3.4%
8:00 AM	6	29.0	2.2	0.1	15.5	0.6	6.9%
8:00 AM	7	29.0	0.6	0.0	0.0	0.0	3.4%
8:00 AM	8	29.0	1.2	0.1	9.5	0.6	6.9%
8:00 AM	9	29.0	2.1	0.1	17.0	0.6	6.9%
8:00 AM	10	29.0	2.7	0.1	9.8	0.6	6.9%
7:15 AM	Avg	30.0	1.1	0.1	6.8	0.4	5.7%
7:30 AM	Avg	30.0	2.7	0.1	15.7	0.7	10.0%
7:45 AM	Avg	30.0	2.2	0.1	16.3	0.7	9.0%
8:00 AM	Avg	29.0	1.6	0.1	8.7	0.4	6.2%
NEB T on [Unnamed Street] - Lane ID 274828							
7:15 AM	1	30.0	2.0	0.1	15.2	1.0	13.3%
7:15 AM	2	30.0	1.1	0.1	8.1	0.5	6.7%
7:15 AM	3	30.0	5.2	0.2	18.7	1.0	20.0%
7:15 AM	4	30.0	0.6	0.0	0.0	0.0	3.3%
7:15 AM	5	30.0	1.7	0.1	15.9	1.0	10.0%
7:15 AM	6	30.0	1.4	0.1	14.0	1.0	10.0%
7:15 AM	7	30.0	1.7	0.1	16.2	1.0	10.0%
7:15 AM	8	30.0	4.4	0.3	18.4	1.0	26.7%
7:15 AM	9	30.0	0.5	0.0	0.0	0.0	3.3%
7:15 AM	10	30.0	1.9	0.1	16.8	1.0	10.0%
7:30 AM	1	30.0	2.7	0.1	19.0	1.0	13.3%
7:30 AM	2	30.0	1.2	0.1	9.0	0.5	6.7%
7:30 AM	3	30.0	0.0	0.0	0.0	0.0	0.0%
7:30 AM	4	30.0	0.4	0.0	0.0	0.0	3.3%
7:30 AM	5	30.0	1.9	0.1	17.7	1.0	10.0%
7:30 AM	6	30.0	3.0	0.2	19.4	1.0	16.7%
7:30 AM	7	30.0	1.1	0.1	8.8	0.5	6.7%
7:30 AM	8	30.0	4.0	0.2	21.0	1.0	20.0%
7:30 AM	9	30.0	3.4	0.2	16.5	1.0	20.0%
7:30 AM	10	30.0	3.5	0.2	18.5	1.0	20.0%
7:45 AM	1	30.0	1.6	0.1	15.4	1.0	10.0%
7:45 AM	2	30.0	2.7	0.2	16.5	1.0	16.7%
7:45 AM	3	30.0	3.6	0.2	17.8	1.0	20.0%
7:45 AM	4	30.0	3.3	0.2	17.1	1.0	20.0%
7:45 AM	5	30.0	2.3	0.1	17.7	1.0	13.3%
7:45 AM	6	30.0	1.1	0.1	7.6	0.5	6.7%
7:45 AM	7	30.0	1.6	0.1	13.5	1.0	10.0%
7:45 AM	8	30.0	1.9	0.1	18.3	1.0	10.0%
7:45 AM	9	30.0	3.3	0.2	16.4	1.0	20.0%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	10	30.0	2.7	0.1	17.1	1.0	13.3%
8:00 AM	1	29.0	3.0	0.2	17.5	1.0	17.2%
8:00 AM	2	29.0	2.2	0.1	16.1	1.0	13.8%
8:00 AM	3	29.0	4.4	0.2	17.3	1.0	17.2%
8:00 AM	4	29.0	4.4	0.2	20.2	1.0	24.1%
8:00 AM	5	29.0	0.6	0.0	0.0	0.0	3.4%
8:00 AM	6	29.0	2.4	0.1	16.3	1.0	13.8%
8:00 AM	7	29.0	2.4	0.1	18.1	1.0	13.8%
8:00 AM	8	29.0	2.3	0.1	15.5	1.0	13.8%
8:00 AM	9	29.0	1.4	0.1	12.3	1.0	10.3%
8:00 AM	10	29.0	3.6	0.1	17.6	1.0	10.3%
7:15 AM	Avg	30.0	2.1	0.1	12.3	0.8	11.3%
7:30 AM	Avg	30.0	2.1	0.1	13.0	0.7	11.7%
7:45 AM	Avg	30.0	2.4	0.1	15.7	1.0	14.0%
8:00 AM	Avg	29.0	2.7	0.1	15.1	0.9	13.8%
SWB T on [Unnamed Street] - Lane ID 274820							
7:15 AM	1	30.0	6.2	0.3	42.9	2.0	20.0%
7:15 AM	2	30.0	3.4	0.2	20.8	1.0	16.7%
7:15 AM	3	30.0	6.0	0.3	23.6	1.0	26.7%
7:15 AM	4	30.0	5.5	0.2	27.3	1.0	20.0%
7:15 AM	5	30.0	8.4	0.3	47.3	1.5	26.7%
7:15 AM	6	30.0	6.7	0.3	35.7	1.5	26.7%
7:15 AM	7	30.0	8.0	0.3	48.0	2.0	23.3%
7:15 AM	8	30.0	8.7	0.4	47.5	2.0	26.7%
7:15 AM	9	30.0	3.6	0.2	20.6	1.0	10.0%
7:15 AM	10	30.0	4.2	0.2	39.9	2.0	10.0%
7:30 AM	1	30.0	6.4	0.2	34.8	1.0	20.0%
7:30 AM	2	30.0	4.1	0.2	21.2	1.0	20.0%
7:30 AM	3	30.0	6.1	0.3	30.9	1.5	23.3%
7:30 AM	4	30.0	3.1	0.1	20.9	1.0	13.3%
7:30 AM	5	30.0	4.0	0.2	31.2	1.5	13.3%
7:30 AM	6	30.0	7.3	0.4	36.1	1.5	33.3%
7:30 AM	7	30.0	4.2	0.2	32.6	1.5	13.3%
7:30 AM	8	30.0	8.6	0.4	38.9	1.5	33.3%
7:30 AM	9	30.0	6.4	0.3	30.5	1.0	26.7%
7:30 AM	10	30.0	8.7	0.4	45.6	2.0	33.3%
7:45 AM	1	30.0	5.1	0.3	20.6	1.0	23.3%
7:45 AM	2	30.0	5.5	0.3	43.7	2.0	16.7%
7:45 AM	3	30.0	5.4	0.3	33.0	1.5	20.0%
7:45 AM	4	30.0	9.4	0.3	60.1	1.5	23.3%
7:45 AM	5	30.0	5.4	0.2	34.1	1.0	20.0%
7:45 AM	6	30.0	7.5	0.4	42.3	2.0	26.7%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	7	30.0	4.1	0.2	21.9	1.0	20.0%
7:45 AM	8	30.0	5.4	0.2	34.0	1.0	16.7%
7:45 AM	9	30.0	4.4	0.2	34.3	1.5	10.0%
7:45 AM	10	30.0	8.3	0.4	37.8	1.5	30.0%
8:00 AM	1	29.0	6.2	0.3	35.7	1.6	24.1%
8:00 AM	2	29.0	6.9	0.3	36.4	1.6	24.1%
8:00 AM	3	29.0	6.5	0.3	42.0	2.0	17.2%
8:00 AM	4	29.0	3.0	0.2	18.0	1.0	17.2%
8:00 AM	5	29.0	1.7	0.1	10.1	0.6	6.9%
8:00 AM	6	29.0	3.6	0.2	18.2	1.0	17.2%
8:00 AM	7	29.0	1.1	0.1	9.1	0.6	6.9%
8:00 AM	8	29.0	11.0	0.6	42.1	2.0	34.5%
8:00 AM	9	29.0	3.7	0.2	18.0	1.0	20.7%
8:00 AM	10	29.0	2.7	0.1	20.8	1.0	10.3%
7:15 AM	Avg	30.0	6.1	0.3	35.4	1.5	20.7%
7:30 AM	Avg	30.0	5.9	0.3	32.3	1.4	23.0%
7:45 AM	Avg	30.0	6.1	0.3	36.2	1.4	20.7%
8:00 AM	Avg	29.0	4.6	0.2	25.0	1.2	17.9%
WB T on [Unnamed Street] - Lane ID 274826							
7:15 AM	1	30.0	4.7	0.3	19.9	1.0	26.7%
7:15 AM	2	30.0	7.9	0.4	37.3	1.5	33.3%
7:15 AM	3	30.0	6.7	0.2	34.7	1.0	20.0%
7:15 AM	4	30.0	5.0	0.2	26.2	1.0	23.3%
7:15 AM	5	30.0	2.6	0.1	18.4	1.0	13.3%
7:15 AM	6	30.0	2.5	0.1	17.8	1.0	13.3%
7:15 AM	7	30.0	3.9	0.2	20.9	1.0	20.0%
7:15 AM	8	30.0	8.8	0.4	38.5	2.0	33.3%
7:15 AM	9	30.0	6.9	0.3	33.6	1.0	30.0%
7:15 AM	10	30.0	6.3	0.3	22.8	1.0	26.7%
7:30 AM	1	30.0	4.5	0.2	28.2	1.0	20.0%
7:30 AM	2	30.0	6.0	0.3	20.2	1.0	30.0%
7:30 AM	3	30.0	5.2	0.2	30.3	1.0	16.7%
7:30 AM	4	30.0	9.2	0.4	32.4	1.0	36.7%
7:30 AM	5	30.0	3.8	0.2	20.8	1.0	20.0%
7:30 AM	6	30.0	9.3	0.3	56.6	1.0	26.7%
7:30 AM	7	30.0	3.7	0.2	27.7	1.5	13.3%
7:30 AM	8	30.0	4.0	0.2	21.3	1.0	20.0%
7:30 AM	9	30.0	2.6	0.1	19.9	1.0	13.3%
7:30 AM	10	30.0	4.6	0.2	26.0	1.0	20.0%
7:45 AM	1	30.0	2.1	0.1	18.2	1.0	10.0%
7:45 AM	2	30.0	4.7	0.3	18.7	1.0	23.3%
7:45 AM	3	30.0	4.1	0.2	19.8	1.0	20.0%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	4	30.0	5.9	0.3	23.0	1.0	30.0%
7:45 AM	5	30.0	6.2	0.3	20.8	1.0	33.3%
7:45 AM	6	30.0	6.1	0.3	20.8	1.0	33.3%
7:45 AM	7	30.0	2.3	0.1	17.8	1.0	13.3%
7:45 AM	8	30.0	4.9	0.3	19.3	1.0	26.7%
7:45 AM	9	30.0	6.5	0.3	30.7	1.0	30.0%
7:45 AM	10	30.0	6.3	0.3	36.5	1.0	23.3%
8:00 AM	1	29.0	6.5	0.3	36.3	1.0	24.1%
8:00 AM	2	29.0	4.9	0.2	23.3	1.0	24.1%
8:00 AM	3	29.0	4.5	0.2	27.4	1.0	17.2%
8:00 AM	4	29.0	7.2	0.3	32.3	1.0	31.0%
8:00 AM	5	29.0	5.6	0.3	21.6	1.0	27.6%
8:00 AM	6	29.0	6.0	0.3	29.1	1.0	27.6%
8:00 AM	7	29.0	10.7	0.4	38.6	1.0	41.4%
8:00 AM	8	29.0	6.1	0.3	27.5	1.0	27.6%
8:00 AM	9	29.0	6.8	0.3	28.2	1.0	31.0%
8:00 AM	10	29.0	1.9	0.1	17.8	1.0	10.3%
7:15 AM	Avg	30.0	5.5	0.3	27.0	1.2	24.0%
7:30 AM	Avg	30.0	5.3	0.2	28.3	1.1	21.7%
7:45 AM	Avg	30.0	4.9	0.3	22.6	1.0	24.3%
8:00 AM	Avg	29.0	6.0	0.3	28.2	1.0	26.2%

GREAT LAKES BLVD NW & LAKE AVE NW NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262156							
7:15 AM	1	30.0	2.8	0.1	17.4	1.0	0.0%
7:15 AM	2	30.0	1.1	0.1	8.3	0.5	0.0%
7:15 AM	3	30.0	2.3	0.1	18.3	1.0	0.0%
7:15 AM	4	30.0	3.4	0.1	15.4	1.0	0.0%
7:15 AM	5	30.0	2.8	0.2	17.6	1.0	0.0%
7:15 AM	6	30.0	3.4	0.2	17.2	1.0	0.0%
7:15 AM	7	30.0	3.2	0.2	16.6	1.0	0.0%
7:15 AM	8	30.0	1.5	0.1	14.8	1.0	0.0%
7:15 AM	9	30.0	2.0	0.1	16.0	1.0	0.0%
7:15 AM	10	30.0	2.2	0.1	17.7	1.0	0.0%
7:30 AM	1	30.0	5.2	0.3	26.4	1.0	0.0%
7:30 AM	2	30.0	4.3	0.3	16.7	1.0	0.0%
7:30 AM	3	30.0	2.1	0.1	15.5	1.0	0.0%
7:30 AM	4	30.0	2.6	0.2	16.3	1.0	0.0%
7:30 AM	5	30.0	2.5	0.1	18.7	1.0	0.0%
7:30 AM	6	30.0	2.4	0.1	16.6	1.0	0.0%
7:30 AM	7	30.0	2.1	0.1	15.8	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	8	30.0	2.2	0.1	16.6	1.0	0.0%
7:30 AM	9	30.0	3.2	0.2	16.2	1.0	0.0%
7:30 AM	10	30.0	2.4	0.0	0.0	0.0	0.0%
7:45 AM	1	30.0	2.2	0.1	16.1	1.0	0.0%
7:45 AM	2	30.0	1.6	0.1	15.2	1.0	0.0%
7:45 AM	3	30.0	1.7	0.1	16.3	1.0	0.0%
7:45 AM	4	30.0	2.7	0.2	15.5	1.0	0.0%
7:45 AM	5	30.0	2.3	0.1	16.9	1.0	0.0%
7:45 AM	6	30.0	2.4	0.1	18.5	1.0	0.0%
7:45 AM	7	30.0	3.3	0.2	17.7	1.0	0.0%
7:45 AM	8	30.0	2.2	0.1	16.4	1.0	0.0%
7:45 AM	9	30.0	3.8	0.2	16.4	1.0	0.0%
7:45 AM	10	30.0	4.1	0.2	31.8	1.0	0.0%
8:00 AM	1	29.0	3.2	0.2	16.1	1.0	0.0%
8:00 AM	2	29.0	3.2	0.1	27.2	1.0	0.0%
8:00 AM	3	29.0	2.5	0.1	18.1	1.0	0.0%
8:00 AM	4	29.0	1.4	0.1	9.1	0.6	0.0%
8:00 AM	5	29.0	3.3	0.2	15.8	1.0	0.0%
8:00 AM	6	29.0	4.2	0.2	19.0	1.0	0.0%
8:00 AM	7	29.0	2.3	0.1	16.5	1.0	0.0%
8:00 AM	8	29.0	2.8	0.1	18.7	1.0	0.0%
8:00 AM	9	29.0	1.3	0.1	8.6	1.0	0.0%
8:00 AM	10	29.0	2.8	0.2	16.4	1.0	0.0%
7:15 AM	Avg	30.0	2.5	0.1	15.9	1.0	0.0%
7:30 AM	Avg	30.0	2.9	0.2	15.9	0.9	0.0%
7:45 AM	Avg	30.0	2.6	0.1	18.1	1.0	0.0%
8:00 AM	Avg	29.0	2.7	0.1	16.6	1.0	0.0%

EB T on LAKE AVE NW - Lane ID 262157

7:15 AM	1	30.0	23.0	1.1	50.1	2.0	0.0%
7:15 AM	2	30.0	16.9	0.8	48.6	2.0	0.0%
7:15 AM	3	30.0	22.0	0.9	74.3	2.5	0.0%
7:15 AM	4	30.0	14.6	0.8	45.6	2.0	0.0%
7:15 AM	5	30.0	17.9	0.9	45.5	2.0	0.0%
7:15 AM	6	30.0	16.1	0.8	54.5	2.0	0.0%
7:15 AM	7	30.0	19.7	1.0	47.0	2.0	0.0%
7:15 AM	8	30.0	21.3	0.8	64.2	2.0	0.0%
7:15 AM	9	30.0	18.4	0.9	65.0	3.0	0.0%
7:15 AM	10	30.0	25.1	1.2	61.1	2.5	0.0%
7:30 AM	1	30.0	24.6	1.1	73.6	3.0	0.0%
7:30 AM	2	30.0	15.4	0.8	61.5	2.5	0.0%
7:30 AM	3	30.0	26.3	1.2	74.4	3.0	0.0%
7:30 AM	4	30.0	21.9	1.0	61.6	2.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	5	30.0	28.4	1.1	69.4	2.0	0.0%
7:30 AM	6	30.0	17.0	0.8	52.4	2.0	0.0%
7:30 AM	7	30.0	19.7	0.9	48.5	2.0	0.0%
7:30 AM	8	30.0	19.8	1.0	68.0	3.0	0.0%
7:30 AM	9	30.0	23.8	1.1	73.0	3.0	0.0%
7:30 AM	10	30.0	19.2	0.9	65.3	2.5	0.0%
7:45 AM	1	30.0	18.3	0.9	79.1	3.0	0.0%
7:45 AM	2	30.0	14.4	0.6	56.7	2.0	0.0%
7:45 AM	3	30.0	16.6	0.8	58.1	2.5	0.0%
7:45 AM	4	30.0	20.8	1.0	50.7	2.0	0.0%
7:45 AM	5	30.0	20.6	0.9	56.8	2.0	0.0%
7:45 AM	6	30.0	21.3	1.0	51.1	2.0	0.0%
7:45 AM	7	30.0	33.2	1.4	104.2	3.5	0.0%
7:45 AM	8	30.0	22.3	1.0	59.7	2.5	0.0%
7:45 AM	9	30.0	28.4	1.2	76.9	3.0	0.0%
7:45 AM	10	30.0	28.0	1.3	74.8	3.0	0.0%
8:00 AM	1	29.0	25.8	1.1	68.4	2.6	0.0%
8:00 AM	2	29.0	25.3	1.0	86.9	2.6	0.0%
8:00 AM	3	29.0	18.5	0.9	49.1	2.0	0.0%
8:00 AM	4	29.0	25.0	1.1	65.1	3.0	0.0%
8:00 AM	5	29.0	19.1	0.9	50.7	2.0	0.0%
8:00 AM	6	29.0	25.9	1.2	71.7	2.6	0.0%
8:00 AM	7	29.0	18.4	0.9	60.4	2.6	0.0%
8:00 AM	8	29.0	19.7	1.0	60.8	2.0	0.0%
8:00 AM	9	29.0	17.7	0.9	49.2	2.0	0.0%
8:00 AM	10	29.0	14.3	0.7	46.9	2.0	0.0%
7:15 AM	Avg	30.0	19.5	0.9	55.6	2.2	0.0%
7:30 AM	Avg	30.0	21.6	1.0	64.8	2.6	0.0%
7:45 AM	Avg	30.0	22.4	1.0	66.8	2.6	0.0%
8:00 AM	Avg	29.0	21.0	1.0	60.9	2.3	0.0%
EB TR on LAKE AVE NW - Lane ID 274837							
7:15 AM	1	30.0	52.1	2.1	110.6	4.0	0.0%
7:15 AM	2	30.0	33.4	1.4	96.4	4.0	0.0%
7:15 AM	3	30.0	47.4	1.8	128.6	5.0	0.0%
7:15 AM	4	30.0	25.2	1.1	76.4	3.0	0.0%
7:15 AM	5	30.0	37.4	1.6	102.7	4.0	0.0%
7:15 AM	6	30.0	28.5	1.2	80.1	3.0	0.0%
7:15 AM	7	30.0	54.3	2.2	106.0	4.0	0.0%
7:15 AM	8	30.0	56.6	1.8	195.0	6.0	0.0%
7:15 AM	9	30.0	43.2	1.8	106.8	4.0	0.0%
7:15 AM	10	30.0	63.4	2.3	126.7	4.5	0.0%
7:30 AM	1	30.0	44.7	1.8	139.4	4.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:30 AM	2	30.0	27.9	1.3	86.4	3.5	0.0%
7:30 AM	3	30.0	57.0	2.3	132.9	5.0	0.0%
7:30 AM	4	30.0	57.7	2.3	154.8	5.0	0.0%
7:30 AM	5	30.0	69.2	2.5	142.9	5.0	0.0%
7:30 AM	6	30.0	30.8	1.2	120.9	3.5	0.0%
7:30 AM	7	30.0	48.1	2.0	132.6	4.5	0.0%
7:30 AM	8	30.0	76.1	2.9	261.4	8.0	0.0%
7:30 AM	9	30.0	50.9	2.1	113.9	4.5	0.0%
7:30 AM	10	30.0	71.3	2.9	132.0	5.0	0.0%
7:45 AM	1	30.0	32.2	1.4	95.9	4.0	0.0%
7:45 AM	2	30.0	31.3	1.3	94.7	3.5	0.0%
7:45 AM	3	30.0	50.0	2.0	146.3	5.0	0.0%
7:45 AM	4	30.0	43.2	1.8	104.5	4.0	0.0%
7:45 AM	5	30.0	45.0	1.8	122.8	4.5	0.0%
7:45 AM	6	30.0	58.1	2.1	152.3	5.0	0.0%
7:45 AM	7	30.0	50.3	2.1	107.5	4.0	0.0%
7:45 AM	8	30.0	41.7	1.7	117.6	4.5	0.0%
7:45 AM	9	30.0	94.3	3.3	261.4	8.0	0.0%
7:45 AM	10	30.0	48.3	2.0	106.9	4.0	0.0%
8:00 AM	1	29.0	52.0	2.1	119.4	4.6	0.0%
8:00 AM	2	29.0	49.1	2.0	140.5	4.6	0.0%
8:00 AM	3	29.0	37.9	1.6	116.6	4.0	0.0%
8:00 AM	4	29.0	59.0	2.4	143.1	5.6	0.0%
8:00 AM	5	29.0	50.5	2.1	109.9	4.0	0.0%
8:00 AM	6	29.0	49.6	2.1	149.0	5.6	0.0%
8:00 AM	7	29.0	45.1	1.9	119.0	5.0	0.0%
8:00 AM	8	29.0	40.3	1.6	105.0	4.0	0.0%
8:00 AM	9	29.0	47.9	1.8	136.7	4.6	0.0%
8:00 AM	10	29.0	37.2	1.5	119.1	4.2	0.0%
7:15 AM	Avg	30.0	44.2	1.7	112.9	4.2	0.0%
7:30 AM	Avg	30.0	53.4	2.1	141.7	4.9	0.0%
7:45 AM	Avg	30.0	49.4	2.0	131.0	4.7	0.0%
8:00 AM	Avg	29.0	46.9	1.9	125.8	4.6	0.0%

NWB L on GREAT LAKES BLVD NW - Lane ID 262214

7:15 AM	1	30.0	3.2	0.2	16.1	1.0	0.0%
7:15 AM	2	30.0	3.6	0.2	16.1	1.0	0.0%
7:15 AM	3	30.0	5.1	0.3	19.0	1.0	0.0%
7:15 AM	4	30.0	3.4	0.2	18.1	1.0	0.0%
7:15 AM	5	30.0	3.3	0.2	17.9	1.0	0.0%
7:15 AM	6	30.0	2.3	0.1	17.9	1.0	0.0%
7:15 AM	7	30.0	2.6	0.2	16.2	1.0	0.0%
7:15 AM	8	30.0	5.1	0.3	19.8	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	9	30.0	4.3	0.2	21.5	1.0	0.0%
7:15 AM	10	30.0	3.7	0.2	19.4	1.0	0.0%
7:30 AM	1	30.0	2.1	0.1	15.4	1.0	0.0%
7:30 AM	2	30.0	3.1	0.2	19.2	1.0	0.0%
7:30 AM	3	30.0	1.0	0.1	8.3	0.5	0.0%
7:30 AM	4	30.0	0.5	0.0	0.0	0.0	0.0%
7:30 AM	5	30.0	1.7	0.1	9.9	0.5	0.0%
7:30 AM	6	30.0	2.1	0.1	15.8	1.0	0.0%
7:30 AM	7	30.0	3.3	0.2	16.4	1.0	0.0%
7:30 AM	8	30.0	1.6	0.1	15.4	1.0	0.0%
7:30 AM	9	30.0	1.7	0.1	17.2	1.0	0.0%
7:30 AM	10	30.0	2.5	0.2	15.6	1.0	0.0%
7:45 AM	1	30.0	1.1	0.1	8.9	0.5	0.0%
7:45 AM	2	30.0	1.7	0.1	17.2	1.0	0.0%
7:45 AM	3	30.0	3.4	0.2	17.1	1.0	0.0%
7:45 AM	4	30.0	2.1	0.1	15.9	1.0	0.0%
7:45 AM	5	30.0	1.7	0.1	16.3	1.0	0.0%
7:45 AM	6	30.0	3.5	0.2	18.2	1.0	0.0%
7:45 AM	7	30.0	2.1	0.1	15.1	1.0	0.0%
7:45 AM	8	30.0	9.0	0.2	73.2	1.0	0.0%
7:45 AM	9	30.0	1.4	0.1	13.5	1.0	0.0%
7:45 AM	10	30.0	2.1	0.2	15.3	1.0	0.0%
8:00 AM	1	29.0	3.2	0.2	17.2	1.0	0.0%
8:00 AM	2	29.0	1.7	0.1	14.8	1.0	0.0%
8:00 AM	3	29.0	3.1	0.2	18.5	1.0	0.0%
8:00 AM	4	29.0	2.1	0.1	15.4	1.0	0.0%
8:00 AM	5	29.0	1.1	0.1	9.6	0.6	0.0%
8:00 AM	6	29.0	3.3	0.2	16.2	1.0	0.0%
8:00 AM	7	29.0	2.0	0.1	19.2	1.0	0.0%
8:00 AM	8	29.0	2.2	0.1	16.2	1.0	0.0%
8:00 AM	9	29.0	1.2	0.1	10.0	0.6	0.0%
8:00 AM	10	29.0	3.5	0.2	17.9	1.0	0.0%
7:15 AM	Avg	30.0	3.7	0.2	18.2	1.0	0.0%
7:30 AM	Avg	30.0	2.0	0.1	13.3	0.8	0.0%
7:45 AM	Avg	30.0	2.8	0.1	21.1	1.0	0.0%
8:00 AM	Avg	29.0	2.3	0.1	15.5	0.9	0.0%

NWB T on GREAT LAKES BLVD NW - Lane ID 262215

7:15 AM	1	30.0	11.3	0.5	48.5	2.0	0.0%
7:15 AM	2	30.0	16.9	0.8	48.4	2.0	0.0%
7:15 AM	3	30.0	10.0	0.5	40.4	2.0	0.0%
7:15 AM	4	30.0	12.7	0.6	47.1	2.0	0.0%
7:15 AM	5	30.0	18.5	0.8	50.2	2.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	6	30.0	14.1	0.6	53.8	2.0	0.0%
7:15 AM	7	30.0	8.5	0.4	48.3	2.0	0.0%
7:15 AM	8	30.0	19.7	0.9	93.6	4.0	0.0%
7:15 AM	9	30.0	16.7	0.7	60.1	2.5	0.0%
7:15 AM	10	30.0	7.7	0.4	45.7	2.0	0.0%
7:30 AM	1	30.0	19.6	0.8	74.4	3.0	0.0%
7:30 AM	2	30.0	13.6	0.6	57.2	2.5	0.0%
7:30 AM	3	30.0	17.8	0.8	68.1	3.0	0.0%
7:30 AM	4	30.0	22.1	1.0	75.6	3.0	0.0%
7:30 AM	5	30.0	11.8	0.6	48.8	2.0	0.0%
7:30 AM	6	30.0	13.5	0.6	47.8	2.0	0.0%
7:30 AM	7	30.0	13.6	0.6	43.6	2.0	0.0%
7:30 AM	8	30.0	10.9	0.5	46.4	2.0	0.0%
7:30 AM	9	30.0	12.3	0.6	73.2	3.0	0.0%
7:30 AM	10	30.0	16.5	0.7	55.7	2.5	0.0%
7:45 AM	1	30.0	22.6	1.0	76.6	3.0	0.0%
7:45 AM	2	30.0	19.6	0.9	64.1	2.5	0.0%
7:45 AM	3	30.0	16.7	0.8	73.1	3.0	0.0%
7:45 AM	4	30.0	13.4	0.6	71.0	2.5	0.0%
7:45 AM	5	30.0	18.8	0.8	67.7	3.0	0.0%
7:45 AM	6	30.0	15.8	0.7	63.7	2.5	0.0%
7:45 AM	7	30.0	13.2	0.5	65.0	2.0	0.0%
7:45 AM	8	30.0	13.3	0.6	45.2	2.0	0.0%
7:45 AM	9	30.0	11.4	0.6	50.4	2.0	0.0%
7:45 AM	10	30.0	15.3	0.6	63.3	2.0	0.0%
8:00 AM	1	29.0	7.9	0.4	39.8	2.0	0.0%
8:00 AM	2	29.0	10.3	0.5	46.5	2.0	0.0%
8:00 AM	3	29.0	17.2	0.8	63.3	2.6	0.0%
8:00 AM	4	29.0	14.8	0.7	72.1	3.0	0.0%
8:00 AM	5	29.0	11.6	0.6	47.2	2.0	0.0%
8:00 AM	6	29.0	10.6	0.4	65.6	2.6	0.0%
8:00 AM	7	29.0	18.4	0.8	74.5	3.2	0.0%
8:00 AM	8	29.0	18.9	0.8	75.8	3.0	0.0%
8:00 AM	9	29.0	18.5	0.9	65.9	3.0	0.0%
8:00 AM	10	29.0	17.4	0.8	47.8	2.0	0.0%
7:15 AM	Avg	30.0	13.6	0.6	53.6	2.3	0.0%
7:30 AM	Avg	30.0	15.2	0.7	59.1	2.5	0.0%
7:45 AM	Avg	30.0	16.0	0.7	64.0	2.5	0.0%
8:00 AM	Avg	29.0	14.6	0.7	59.9	2.5	0.0%

NWB TR on GREAT LAKES BLVD NW - Lane ID 262216

7:15 AM	1	30.0	14.7	0.6	79.8	3.0	0.0%
7:15 AM	2	30.0	24.0	0.9	143.1	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	3	30.0	12.9	0.6	73.3	3.0	0.0%
7:15 AM	4	30.0	16.4	0.8	61.5	2.5	0.0%
7:15 AM	5	30.0	25.8	1.0	74.4	3.0	0.0%
7:15 AM	6	30.0	21.2	0.9	75.6	3.0	0.0%
7:15 AM	7	30.0	17.6	0.8	83.0	3.1	0.0%
7:15 AM	8	30.0	27.5	1.1	108.5	4.1	0.0%
7:15 AM	9	30.0	33.8	1.2	157.0	4.5	0.0%
7:15 AM	10	30.0	27.8	1.1	104.0	4.0	0.0%
7:30 AM	1	30.0	19.6	0.8	75.7	3.0	0.0%
7:30 AM	2	30.0	33.1	1.4	106.8	4.0	0.0%
7:30 AM	3	30.0	27.8	1.2	94.7	3.5	0.0%
7:30 AM	4	30.0	25.5	1.1	75.4	3.0	0.0%
7:30 AM	5	30.0	23.8	1.0	83.7	3.5	0.0%
7:30 AM	6	30.0	20.2	0.9	88.0	4.0	0.0%
7:30 AM	7	30.0	19.6	0.9	66.6	3.0	0.0%
7:30 AM	8	30.0	20.0	0.9	81.8	3.5	0.0%
7:30 AM	9	30.0	13.4	0.7	70.9	3.0	0.0%
7:30 AM	10	30.0	17.6	0.8	59.7	2.5	0.0%
7:45 AM	1	30.0	30.3	1.2	96.1	3.5	0.0%
7:45 AM	2	30.0	19.0	0.8	80.0	3.0	0.0%
7:45 AM	3	30.0	24.7	1.1	86.6	3.5	0.0%
7:45 AM	4	30.0	7.9	0.4	42.7	2.1	0.0%
7:45 AM	5	30.0	29.7	1.2	101.9	4.0	0.0%
7:45 AM	6	30.0	35.4	1.5	103.9	4.0	0.0%
7:45 AM	7	30.0	16.6	0.8	61.3	2.5	0.0%
7:45 AM	8	30.0	21.5	0.8	94.8	3.5	0.0%
7:45 AM	9	30.0	17.3	0.8	77.5	3.0	0.0%
7:45 AM	10	30.0	23.7	0.9	89.2	3.0	0.0%
8:00 AM	1	29.0	15.5	0.7	87.5	3.6	0.0%
8:00 AM	2	29.0	20.3	0.8	77.5	3.0	0.0%
8:00 AM	3	29.0	34.2	1.3	118.1	4.0	0.0%
8:00 AM	4	29.0	16.7	0.8	76.8	3.0	0.0%
8:00 AM	5	29.0	17.4	0.8	76.5	3.0	0.0%
8:00 AM	6	29.0	22.9	1.0	74.0	3.0	0.0%
8:00 AM	7	29.0	24.6	1.0	104.8	4.0	0.0%
8:00 AM	8	29.0	18.7	0.8	95.4	3.6	0.0%
8:00 AM	9	29.0	27.8	1.1	111.4	4.0	0.0%
8:00 AM	10	29.0	33.1	1.4	102.3	4.0	0.0%
7:15 AM	Avg	30.0	22.2	0.9	96.0	3.4	0.0%
7:30 AM	Avg	30.0	22.1	1.0	80.3	3.3	0.0%
7:45 AM	Avg	30.0	22.6	1.0	83.4	3.2	0.0%
8:00 AM	Avg	29.0	23.1	1.0	92.4	3.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SB L on GREAT LAKES BLVD NW - Lane ID 262207							
7:15 AM	1	30.0	15.3	0.7	90.7	3.5	0.0%
7:15 AM	2	30.0	14.7	0.5	62.7	1.5	0.0%
7:15 AM	3	30.0	15.8	0.7	78.9	3.1	0.0%
7:15 AM	4	30.0	16.2	0.7	99.6	3.0	0.0%
7:15 AM	5	30.0	13.6	0.6	61.5	2.5	0.0%
7:15 AM	6	30.0	13.7	0.7	39.8	2.0	0.0%
7:15 AM	7	30.0	15.2	0.7	65.0	2.5	0.0%
7:15 AM	8	30.0	15.0	0.8	72.6	3.5	0.0%
7:15 AM	9	30.0	16.3	0.8	45.7	2.0	0.0%
7:15 AM	10	30.0	11.8	0.5	47.9	2.0	0.0%
7:30 AM	1	30.0	18.2	0.8	85.4	3.5	0.0%
7:30 AM	2	30.0	23.6	1.0	72.1	3.0	0.0%
7:30 AM	3	30.0	17.8	0.8	67.5	3.0	0.0%
7:30 AM	4	30.0	27.3	1.0	124.5	3.0	0.0%
7:30 AM	5	30.0	21.4	0.9	62.9	3.0	0.0%
7:30 AM	6	30.0	23.3	1.0	102.0	3.5	0.0%
7:30 AM	7	30.0	16.9	0.8	50.9	2.0	0.0%
7:30 AM	8	30.0	22.0	1.0	74.8	3.0	0.0%
7:30 AM	9	30.0	12.4	0.6	60.5	2.5	0.0%
7:30 AM	10	30.0	16.2	0.7	77.9	3.0	0.0%
7:45 AM	1	30.0	29.8	1.3	105.3	4.0	0.0%
7:45 AM	2	30.0	23.9	1.1	87.8	3.5	0.0%
7:45 AM	3	30.0	11.5	0.5	49.3	2.0	0.0%
7:45 AM	4	30.0	39.7	1.7	118.4	5.0	0.0%
7:45 AM	5	30.0	11.7	0.5	62.2	3.0	0.0%
7:45 AM	6	30.0	19.4	0.8	89.1	3.5	0.0%
7:45 AM	7	30.0	23.8	1.2	69.8	3.0	0.0%
7:45 AM	8	30.0	40.0	1.6	162.3	6.0	0.0%
7:45 AM	9	30.0	20.9	1.0	83.5	3.1	0.0%
7:45 AM	10	30.0	66.2	2.4	209.0	6.5	0.0%
8:00 AM	1	29.0	17.2	0.8	81.5	3.2	0.0%
8:00 AM	2	29.0	14.4	0.6	81.3	3.6	0.0%
8:00 AM	3	29.0	18.0	0.8	89.4	3.6	0.0%
8:00 AM	4	29.0	20.7	0.9	87.0	3.6	0.0%
8:00 AM	5	29.0	20.8	1.0	73.3	3.0	0.0%
8:00 AM	6	29.0	23.2	1.1	96.4	4.0	0.0%
8:00 AM	7	29.0	72.2	2.2	230.6	7.0	0.0%
8:00 AM	8	29.0	34.4	1.6	119.9	5.0	0.0%
8:00 AM	9	29.0	30.0	1.3	90.8	3.0	0.0%
8:00 AM	10	29.0	22.4	1.0	79.0	3.0	0.0%
7:15 AM	Avg	30.0	14.8	0.7	66.4	2.6	0.0%
7:30 AM	Avg	30.0	19.9	0.9	77.9	3.0	0.0%
7:45 AM	Avg	30.0	28.7	1.2	103.7	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	Avg	29.0	27.3	1.1	102.9	3.9	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 262208							
7:15 AM	1	30.0	17.3	0.7	120.2	4.6	0.0%
7:15 AM	2	30.0	18.4	0.8	110.3	4.5	0.0%
7:15 AM	3	30.0	10.6	0.4	71.1	2.6	0.0%
7:15 AM	4	30.0	21.9	0.9	97.6	3.5	0.0%
7:15 AM	5	30.0	12.1	0.6	61.6	2.5	0.0%
7:15 AM	6	30.0	17.0	0.7	94.3	3.5	0.0%
7:15 AM	7	30.0	15.9	0.6	79.6	3.0	0.0%
7:15 AM	8	30.0	12.9	0.6	84.4	3.5	0.0%
7:15 AM	9	30.0	8.2	0.4	45.7	2.0	0.0%
7:15 AM	10	30.0	4.9	0.3	28.0	1.5	0.0%
7:30 AM	1	30.0	22.7	1.0	124.3	5.0	0.0%
7:30 AM	2	30.0	17.0	0.7	98.1	4.0	0.0%
7:30 AM	3	30.0	31.9	1.1	134.6	3.5	0.0%
7:30 AM	4	30.0	20.3	0.8	94.8	3.5	0.0%
7:30 AM	5	30.0	30.1	1.2	138.9	5.5	0.0%
7:30 AM	6	30.0	14.6	0.6	103.5	4.1	0.0%
7:30 AM	7	30.0	24.0	1.1	109.2	4.5	0.0%
7:30 AM	8	30.0	19.8	0.9	77.5	3.0	0.0%
7:30 AM	9	30.0	17.1	0.7	82.9	3.0	0.0%
7:30 AM	10	30.0	22.4	0.8	139.5	4.0	0.0%
7:45 AM	1	30.0	19.2	0.8	75.5	3.0	0.0%
7:45 AM	2	30.0	15.4	0.7	61.2	2.5	0.0%
7:45 AM	3	30.0	20.8	0.8	96.6	3.5	0.0%
7:45 AM	4	30.0	27.3	1.0	124.3	4.0	0.0%
7:45 AM	5	30.0	8.4	0.4	46.5	2.0	0.0%
7:45 AM	6	30.0	23.4	1.0	105.9	4.1	0.0%
7:45 AM	7	30.0	20.6	0.9	93.2	3.5	0.0%
7:45 AM	8	30.0	18.5	0.6	100.7	2.5	0.0%
7:45 AM	9	30.0	24.3	0.9	131.6	4.5	0.0%
7:45 AM	10	30.0	15.7	0.7	59.6	2.5	0.0%
8:00 AM	1	29.0	10.1	0.4	60.1	2.6	0.0%
8:00 AM	2	29.0	31.4	1.3	130.1	4.6	0.0%
8:00 AM	3	29.0	36.2	1.4	123.3	4.6	0.0%
8:00 AM	4	29.0	7.5	0.3	45.3	2.0	0.0%
8:00 AM	5	29.0	19.3	0.7	90.1	3.6	0.0%
8:00 AM	6	29.0	17.7	0.7	98.8	3.6	0.0%
8:00 AM	7	29.0	23.5	1.0	105.1	4.0	0.0%
8:00 AM	8	29.0	29.6	1.1	133.0	5.2	0.0%
8:00 AM	9	29.0	29.1	1.2	184.8	6.6	0.0%
8:00 AM	10	29.0	28.9	1.2	103.1	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:15 AM	Avg	30.0	13.9	0.6	79.3	3.1	0.0%
7:30 AM	Avg	30.0	22.0	0.9	110.3	4.0	0.0%
7:45 AM	Avg	30.0	19.4	0.8	89.5	3.2	0.0%
8:00 AM	Avg	29.0	23.3	0.9	107.4	4.1	0.0%
SB TR on GREAT LAKES BLVD NW - Lane ID 262209							
7:15 AM	1	30.0	14.5	0.6	80.0	3.1	0.0%
7:15 AM	2	30.0	13.9	0.6	84.8	3.5	0.0%
7:15 AM	3	30.0	14.9	0.6	103.7	4.1	0.0%
7:15 AM	4	30.0	20.2	0.8	119.5	4.5	0.0%
7:15 AM	5	30.0	12.1	0.5	68.4	2.5	0.0%
7:15 AM	6	30.0	22.8	1.0	122.4	5.1	0.0%
7:15 AM	7	30.0	10.6	0.5	54.4	2.1	0.0%
7:15 AM	8	30.0	11.4	0.5	60.1	2.5	0.0%
7:15 AM	9	30.0	9.5	0.3	49.0	2.0	0.0%
7:15 AM	10	30.0	3.6	0.2	9.2	0.5	0.0%
7:30 AM	1	30.0	28.6	1.2	117.9	4.5	0.0%
7:30 AM	2	30.0	38.9	1.4	211.2	6.5	0.0%
7:30 AM	3	30.0	12.4	0.5	53.6	2.0	0.0%
7:30 AM	4	30.0	29.5	1.2	108.8	4.5	0.0%
7:30 AM	5	30.0	30.8	1.2	179.0	6.5	0.0%
7:30 AM	6	30.0	16.5	0.7	79.2	3.0	0.0%
7:30 AM	7	30.0	16.4	0.6	65.2	2.5	0.0%
7:30 AM	8	30.0	18.2	0.8	69.9	3.0	0.0%
7:30 AM	9	30.0	12.3	0.6	75.9	3.1	0.0%
7:30 AM	10	30.0	21.1	0.9	96.5	4.0	0.0%
7:45 AM	1	30.0	21.3	0.9	92.3	4.0	0.0%
7:45 AM	2	30.0	18.2	0.8	83.6	3.5	0.0%
7:45 AM	3	30.0	19.0	0.8	93.0	3.5	0.0%
7:45 AM	4	30.0	33.5	1.4	133.1	5.0	0.0%
7:45 AM	5	30.0	15.8	0.7	73.7	3.0	0.0%
7:45 AM	6	30.0	19.7	0.8	116.6	4.5	0.0%
7:45 AM	7	30.0	12.8	0.6	67.0	3.0	0.0%
7:45 AM	8	30.0	17.9	0.8	78.0	3.0	0.0%
7:45 AM	9	30.0	19.3	0.8	99.0	4.0	0.0%
7:45 AM	10	30.0	22.7	0.9	145.7	5.5	0.0%
8:00 AM	1	29.0	17.3	0.7	122.5	4.8	0.0%
8:00 AM	2	29.0	21.3	0.8	89.7	3.6	0.0%
8:00 AM	3	29.0	30.1	1.3	156.1	6.0	0.0%
8:00 AM	4	29.0	11.6	0.6	45.6	2.0	0.0%
8:00 AM	5	29.0	22.8	0.9	144.9	5.8	0.0%
8:00 AM	6	29.0	24.3	1.0	90.0	3.6	0.0%
8:00 AM	7	29.0	24.4	1.0	100.8	3.6	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	8	29.0	28.5	1.1	134.0	5.0	0.0%
8:00 AM	9	29.0	29.9	1.2	164.5	5.8	0.0%
8:00 AM	10	29.0	27.5	1.1	123.8	4.6	0.0%
7:15 AM	Avg	30.0	13.4	0.6	75.2	3.0	0.0%
7:30 AM	Avg	30.0	22.5	0.9	105.7	4.0	0.0%
7:45 AM	Avg	30.0	20.0	0.9	98.2	3.9	0.0%
8:00 AM	Avg	29.0	23.8	1.0	117.2	4.5	0.0%
WB L on LAKE AVE NW - Lane ID 262189							
7:15 AM	1	30.0	18.1	0.9	48.6	2.0	0.0%
7:15 AM	2	30.0	34.6	1.4	73.5	3.0	0.0%
7:15 AM	3	30.0	34.1	1.5	77.2	3.0	0.0%
7:15 AM	4	30.0	24.9	1.1	70.4	3.0	0.0%
7:15 AM	5	30.0	27.4	1.3	67.0	3.0	0.0%
7:15 AM	6	30.0	33.8	1.5	74.9	3.0	0.0%
7:15 AM	7	30.0	28.0	1.1	67.7	2.0	0.0%
7:15 AM	8	30.0	28.5	1.3	68.0	2.0	0.0%
7:15 AM	9	30.0	37.4	1.6	81.0	3.0	0.0%
7:15 AM	10	30.0	27.6	1.2	70.5	3.0	0.0%
7:30 AM	1	30.0	25.6	1.1	61.3	2.0	0.0%
7:30 AM	2	30.0	34.5	1.5	92.7	3.5	0.0%
7:30 AM	3	30.0	21.1	1.0	75.5	3.0	0.0%
7:30 AM	4	30.0	29.5	1.2	74.4	3.0	0.0%
7:30 AM	5	30.0	27.6	1.2	76.7	3.0	0.0%
7:30 AM	6	30.0	31.0	1.4	65.9	2.5	0.0%
7:30 AM	7	30.0	30.6	1.4	78.1	3.0	0.0%
7:30 AM	8	30.0	32.7	1.5	82.6	3.5	0.0%
7:30 AM	9	30.0	27.4	1.1	91.2	3.5	0.0%
7:30 AM	10	30.0	29.7	1.3	82.1	3.0	0.0%
7:45 AM	1	30.0	26.0	1.1	80.5	3.0	0.0%
7:45 AM	2	30.0	22.1	1.0	77.5	3.0	0.0%
7:45 AM	3	30.0	35.5	1.6	74.0	3.0	0.0%
7:45 AM	4	30.0	28.6	1.2	69.1	3.0	0.0%
7:45 AM	5	30.0	22.6	1.0	75.3	3.0	0.0%
7:45 AM	6	30.0	31.6	1.4	75.1	3.0	0.0%
7:45 AM	7	30.0	33.2	1.5	74.3	3.0	0.0%
7:45 AM	8	30.0	21.3	1.0	71.2	3.0	0.0%
7:45 AM	9	30.0	30.7	1.2	81.4	2.0	0.0%
7:45 AM	10	30.0	28.2	1.2	78.6	3.0	0.0%
8:00 AM	1	29.0	35.8	1.6	77.1	3.0	0.0%
8:00 AM	2	29.0	29.5	1.2	76.5	3.0	0.0%
8:00 AM	3	29.0	28.4	1.3	75.6	3.0	0.0%
8:00 AM	4	29.0	22.7	1.1	69.7	3.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	5	29.0	31.6	1.4	77.5	3.0	0.0%
8:00 AM	6	29.0	24.3	1.1	59.8	2.6	0.0%
8:00 AM	7	29.0	39.4	1.7	76.5	3.0	0.0%
8:00 AM	8	29.0	27.2	1.2	74.8	3.0	0.0%
8:00 AM	9	29.0	34.9	1.5	82.1	3.0	0.0%
8:00 AM	10	29.0	28.8	1.3	75.4	3.0	0.0%
7:15 AM	Avg	30.0	29.4	1.3	69.9	2.7	0.0%
7:30 AM	Avg	30.0	29.0	1.3	78.1	3.0	0.0%
7:45 AM	Avg	30.0	28.0	1.2	75.7	2.9	0.0%
8:00 AM	Avg	29.0	30.3	1.3	74.5	3.0	0.0%
WB L on LAKE AVE NW - Lane ID 274852							
7:15 AM	1	30.0	16.3	0.8	48.3	2.0	0.0%
7:15 AM	2	30.0	37.5	1.4	99.7	3.5	0.0%
7:15 AM	3	30.0	31.0	1.4	76.8	3.0	0.0%
7:15 AM	4	30.0	31.5	1.2	91.5	3.0	0.0%
7:15 AM	5	30.0	32.6	1.4	83.0	3.0	0.0%
7:15 AM	6	30.0	27.4	1.2	83.9	3.0	0.0%
7:15 AM	7	30.0	36.5	1.6	71.9	3.0	0.0%
7:15 AM	8	30.0	29.5	1.4	73.4	3.0	0.0%
7:15 AM	9	30.0	24.3	1.1	84.3	3.0	0.0%
7:15 AM	10	30.0	33.2	1.3	86.1	2.5	0.0%
7:30 AM	1	30.0	22.5	1.0	57.0	2.0	0.0%
7:30 AM	2	30.0	41.2	1.8	91.5	3.5	0.0%
7:30 AM	3	30.0	26.7	1.1	78.7	2.5	0.0%
7:30 AM	4	30.0	21.2	1.0	52.8	2.0	0.0%
7:30 AM	5	30.0	24.7	1.0	70.1	3.0	0.0%
7:30 AM	6	30.0	33.7	1.3	95.1	3.0	0.0%
7:30 AM	7	30.0	30.9	1.4	74.4	3.0	0.0%
7:30 AM	8	30.0	21.9	0.9	62.2	2.5	0.0%
7:30 AM	9	30.0	30.2	1.3	80.7	3.0	0.0%
7:30 AM	10	30.0	30.0	1.4	70.0	3.0	0.0%
7:45 AM	1	30.0	23.8	1.1	74.3	3.0	0.0%
7:45 AM	2	30.0	29.1	1.3	68.3	3.0	0.0%
7:45 AM	3	30.0	29.9	1.3	76.3	3.0	0.0%
7:45 AM	4	30.0	25.9	1.2	69.6	3.0	0.0%
7:45 AM	5	30.0	29.1	1.2	67.5	2.0	0.0%
7:45 AM	6	30.0	28.8	1.2	70.0	3.0	0.0%
7:45 AM	7	30.0	34.0	1.3	81.3	2.5	0.0%
7:45 AM	8	30.0	27.4	1.2	73.5	3.0	0.0%
7:45 AM	9	30.0	20.5	1.0	49.3	2.0	0.0%
7:45 AM	10	30.0	34.7	1.6	76.7	3.0	0.0%
8:00 AM	1	29.0	30.0	1.4	68.6	3.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
8:00 AM	2	29.0	31.0	1.3	74.1	3.0	0.0%
8:00 AM	3	29.0	33.7	1.5	74.5	3.0	0.0%
8:00 AM	4	29.0	14.9	0.7	45.8	2.0	0.0%
8:00 AM	5	29.0	32.0	1.3	98.6	3.6	0.0%
8:00 AM	6	29.0	32.4	1.5	66.5	3.0	0.0%
8:00 AM	7	29.0	32.2	1.3	82.7	3.0	0.0%
8:00 AM	8	29.0	25.8	1.1	71.7	3.0	0.0%
8:00 AM	9	29.0	30.2	1.4	67.4	3.0	0.0%
8:00 AM	10	29.0	28.6	1.1	81.0	3.0	3.4%
7:15 AM	Avg	30.0	30.0	1.3	79.9	2.9	0.0%
7:30 AM	Avg	30.0	28.3	1.2	73.3	2.8	0.0%
7:45 AM	Avg	30.0	28.3	1.2	70.7	2.8	0.0%
8:00 AM	Avg	29.0	29.1	1.3	73.1	3.0	0.3%
WB R on LAKE AVE NW - Lane ID 274809							
7:15 AM	1	30.0	3.7	0.2	16.8	1.0	0.0%
7:15 AM	2	30.0	6.4	0.4	30.1	1.5	0.0%
7:15 AM	3	30.0	3.8	0.1	22.2	1.0	0.0%
7:15 AM	4	30.0	1.4	0.1	0.0	0.0	0.0%
7:15 AM	5	30.0	2.4	0.1	17.7	1.0	0.0%
7:15 AM	6	30.0	2.8	0.2	16.9	1.0	0.0%
7:15 AM	7	30.0	4.5	0.2	29.6	1.5	0.0%
7:15 AM	8	30.0	3.6	0.2	17.4	1.0	0.0%
7:15 AM	9	30.0	6.0	0.3	25.8	1.0	0.0%
7:15 AM	10	30.0	6.5	0.3	37.9	1.5	0.0%
7:30 AM	1	30.0	9.8	0.5	51.0	2.0	0.0%
7:30 AM	2	30.0	1.1	0.1	7.9	0.5	0.0%
7:30 AM	3	30.0	4.0	0.2	20.0	1.0	0.0%
7:30 AM	4	30.0	6.0	0.3	21.2	1.0	0.0%
7:30 AM	5	30.0	3.0	0.2	18.3	1.0	0.0%
7:30 AM	6	30.0	8.1	0.4	24.7	1.0	0.0%
7:30 AM	7	30.0	3.0	0.2	18.2	1.0	0.0%
7:30 AM	8	30.0	7.0	0.3	24.1	1.0	0.0%
7:30 AM	9	30.0	2.4	0.1	18.1	1.0	0.0%
7:30 AM	10	30.0	2.5	0.2	17.5	1.0	0.0%
7:45 AM	1	30.0	1.1	0.1	8.3	0.5	0.0%
7:45 AM	2	30.0	6.8	0.3	40.3	1.0	0.0%
7:45 AM	3	30.0	6.6	0.4	32.6	1.5	0.0%
7:45 AM	4	30.0	2.9	0.2	17.3	1.0	0.0%
7:45 AM	5	30.0	8.3	0.3	34.4	1.0	0.0%
7:45 AM	6	30.0	1.6	0.1	15.3	1.0	0.0%
7:45 AM	7	30.0	3.3	0.2	18.3	1.0	0.0%
7:45 AM	8	30.0	2.9	0.2	17.3	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	9	30.0	3.6	0.2	17.6	1.0	0.0%
7:45 AM	10	30.0	7.0	0.4	35.1	1.5	0.0%
8:00 AM	1	29.0	2.3	0.2	13.4	1.0	0.0%
8:00 AM	2	29.0	3.8	0.2	17.4	1.0	0.0%
8:00 AM	3	29.0	3.6	0.2	17.3	1.0	0.0%
8:00 AM	4	29.0	3.3	0.2	17.9	1.0	0.0%
8:00 AM	5	29.0	6.6	0.3	33.4	1.6	0.0%
8:00 AM	6	29.0	5.4	0.3	18.8	1.0	0.0%
8:00 AM	7	29.0	2.3	0.1	21.0	1.0	0.0%
8:00 AM	8	29.0	5.7	0.3	22.6	1.0	0.0%
8:00 AM	9	29.0	3.5	0.2	19.6	1.0	0.0%
8:00 AM	10	29.0	3.7	0.2	25.0	1.0	0.0%
7:15 AM	Avg	30.0	4.1	0.2	21.4	1.1	0.0%
7:30 AM	Avg	30.0	4.7	0.3	22.1	1.1	0.0%
7:45 AM	Avg	30.0	4.4	0.2	23.7	1.1	0.0%
8:00 AM	Avg	29.0	4.0	0.2	20.6	1.1	0.0%
WB T on LAKE AVE NW - Lane ID 262190							
7:15 AM	1	30.0	31.1	1.4	79.6	3.0	0.0%
7:15 AM	2	30.0	26.4	1.2	76.9	3.0	0.0%
7:15 AM	3	30.0	36.3	1.5	102.5	4.0	0.0%
7:15 AM	4	30.0	19.0	0.8	64.9	2.5	0.0%
7:15 AM	5	30.0	28.5	1.2	70.5	3.0	0.0%
7:15 AM	6	30.0	18.8	0.9	68.3	3.0	0.0%
7:15 AM	7	30.0	32.1	1.5	73.8	3.0	0.0%
7:15 AM	8	30.0	21.4	1.0	78.4	3.0	0.0%
7:15 AM	9	30.0	32.7	1.4	88.5	3.5	3.3%
7:15 AM	10	30.0	33.9	1.5	100.2	4.0	0.0%
7:30 AM	1	30.0	35.4	1.5	82.3	3.0	0.0%
7:30 AM	2	30.0	18.9	0.8	86.4	2.5	0.0%
7:30 AM	3	30.0	25.2	1.1	73.4	3.0	0.0%
7:30 AM	4	30.0	25.0	1.1	87.8	3.0	0.0%
7:30 AM	5	30.0	38.5	1.5	127.8	4.0	0.0%
7:30 AM	6	30.0	20.7	1.0	77.3	3.0	0.0%
7:30 AM	7	30.0	19.1	0.8	71.0	2.5	0.0%
7:30 AM	8	30.0	36.2	1.5	89.8	3.0	0.0%
7:30 AM	9	30.0	35.6	1.5	104.4	4.0	0.0%
7:30 AM	10	30.0	23.2	1.0	65.8	3.0	0.0%
7:45 AM	1	30.0	29.6	1.2	81.2	3.0	0.0%
7:45 AM	2	30.0	17.8	0.8	74.4	3.0	0.0%
7:45 AM	3	30.0	21.9	1.1	62.4	3.0	0.0%
7:45 AM	4	30.0	29.7	1.3	77.1	3.0	0.0%
7:45 AM	5	30.0	26.6	1.2	66.7	3.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
7:45 AM	6	30.0	22.3	1.1	65.2	3.0	0.0%
7:45 AM	7	30.0	35.0	1.6	90.0	3.5	0.0%
7:45 AM	8	30.0	29.9	1.2	95.0	3.0	0.0%
7:45 AM	9	30.0	17.1	0.9	54.9	2.5	0.0%
7:45 AM	10	30.0	43.0	1.8	115.8	4.0	0.0%
8:00 AM	1	29.0	36.7	1.5	99.5	3.6	0.0%
8:00 AM	2	29.0	22.8	1.0	97.2	3.6	0.0%
8:00 AM	3	29.0	31.3	1.4	92.4	4.0	0.0%
8:00 AM	4	29.0	43.6	1.7	104.9	3.6	0.0%
8:00 AM	5	29.0	31.4	1.3	84.9	3.6	0.0%
8:00 AM	6	29.0	30.3	1.3	94.0	3.6	0.0%
8:00 AM	7	29.0	35.2	1.5	87.5	3.6	0.0%
8:00 AM	8	29.0	22.7	1.0	84.0	3.0	0.0%
8:00 AM	9	29.0	21.9	1.0	74.7	3.0	0.0%
8:00 AM	10	29.0	16.5	0.8	70.1	3.0	0.0%
7:15 AM	Avg	30.0	28.0	1.2	80.4	3.2	0.3%
7:30 AM	Avg	30.0	27.8	1.2	86.6	3.1	0.0%
7:45 AM	Avg	30.0	27.3	1.2	78.3	3.1	0.0%
8:00 AM	Avg	29.0	29.2	1.3	88.9	3.5	0.0%

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Avg Queue

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
7:15 AM	1.0	0.8	0.0	2.2	10
7:30 AM	2.4	1.6	1.1	6.0	10
7:45 AM	2.0	1.2	0.5	4.9	10
8:00 AM	1.8	1.2	0.5	4.6	10
EB T on [Unnamed Street] - Lane ID 274840					
7:15 AM	1.1	0.6	0.0	1.8	10
7:30 AM	2.7	1.9	0.5	6.0	10
7:45 AM	2.2	1.4	0.6	4.8	10
8:00 AM	1.6	0.9	0.6	2.7	10
NEB T on [Unnamed Street] - Lane ID 274828					
7:15 AM	2.1	1.5	0.5	5.2	10
7:30 AM	2.1	1.4	0.0	4.0	10
7:45 AM	2.4	0.8	1.1	3.6	10
8:00 AM	2.7	1.2	0.6	4.4	10
SWB T on [Unnamed Street] - Lane ID 274820					
7:15 AM	6.1	1.9	3.4	8.7	10
7:30 AM	5.9	2.0	3.1	8.7	10
7:45 AM	6.1	1.7	4.1	9.4	10
8:00 AM	4.6	3.0	1.1	11.0	10
WB T on [Unnamed Street] - Lane ID 274826					
7:15 AM	5.5	2.1	2.5	8.8	10
7:30 AM	5.3	2.3	2.6	9.3	10
7:45 AM	4.9	1.6	2.1	6.5	10
8:00 AM	6.0	2.2	1.9	10.7	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	2.5	0.8	1.1	3.4	10
7:30 AM	2.9	1.0	2.1	5.2	10
7:45 AM	2.6	0.8	1.6	4.1	10
8:00 AM	2.7	0.9	1.3	4.2	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
7:15 AM	19.5	3.3	14.6	25.1	10
7:30 AM	21.6	4.1	15.4	28.4	10
7:45 AM	22.4	5.8	14.4	33.2	10
8:00 AM	21.0	4.2	14.3	25.9	10
EB TR on LAKE AVE NW - Lane ID 274837					
7:15 AM	44.2	12.8	25.2	63.4	10
7:30 AM	53.4	16.3	27.9	76.1	10
7:45 AM	49.4	17.7	31.3	94.3	10
8:00 AM	46.9	6.8	37.2	59.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	3.7	0.9	2.3	5.1	10
7:30 AM	2.0	0.9	0.5	3.3	10
7:45 AM	2.8	2.3	1.1	9.0	10
8:00 AM	2.3	0.9	1.1	3.5	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	13.6	4.2	7.7	19.7	10
7:30 AM	15.2	3.7	10.9	22.1	10
7:45 AM	16.0	3.5	11.4	22.6	10
8:00 AM	14.6	4.1	7.9	18.9	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	22.2	6.7	12.9	33.8	10
7:30 AM	22.1	5.6	13.4	33.1	10
7:45 AM	22.6	8.0	7.9	35.4	10
8:00 AM	23.1	6.7	15.5	34.2	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	14.8	1.4	11.8	16.3	10
7:30 AM	19.9	4.4	12.4	27.3	10
7:45 AM	28.7	16.4	11.5	66.2	10
8:00 AM	27.3	16.8	14.4	72.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	13.9	5.1	4.9	21.9	10
7:30 AM	22.0	5.6	14.6	31.9	10
7:45 AM	19.4	5.3	8.4	27.3	10
8:00 AM	23.3	9.5	7.5	36.2	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	13.4	5.4	3.6	22.8	10
7:30 AM	22.5	9.0	12.3	38.9	10
7:45 AM	20.0	5.5	12.8	33.5	10
8:00 AM	23.8	5.9	11.6	30.1	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	29.4	5.7	18.1	37.4	10
7:30 AM	29.0	3.8	21.1	34.5	10
7:45 AM	28.0	4.9	21.3	35.5	10
8:00 AM	30.3	5.2	22.7	39.4	10
WB L on LAKE AVE NW - Lane ID 274852					
7:15 AM	30.0	6.2	16.3	37.5	10
7:30 AM	28.3	6.2	21.2	41.2	10
7:45 AM	28.3	4.3	20.5	34.7	10
8:00 AM	29.1	5.5	14.9	33.7	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	4.1	1.7	1.4	6.5	10
7:30 AM	4.7	2.9	1.1	9.8	10
7:45 AM	4.4	2.5	1.1	8.3	10
8:00 AM	4.0	1.4	2.3	6.6	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	28.0	6.4	18.8	36.3	10
7:30 AM	27.8	7.8	18.9	38.5	10
7:45 AM	27.3	8.0	17.1	43.0	10
8:00 AM	29.2	8.2	16.5	43.6	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Avg Num Queued

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
7:15 AM	0.1	0.1	0.0	0.1	10
7:30 AM	0.1	0.1	0.0	0.3	10
7:45 AM	0.1	0.0	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
EB T on [Unnamed Street] - Lane ID 274840					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.0	0.2	10
8:00 AM	0.1	0.1	0.0	0.1	10
NEB T on [Unnamed Street] - Lane ID 274828					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.1	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
SWB T on [Unnamed Street] - Lane ID 274820					
7:15 AM	0.3	0.1	0.2	0.4	10
7:30 AM	0.3	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.2	0.4	10
8:00 AM	0.2	0.2	0.1	0.6	10
WB T on [Unnamed Street] - Lane ID 274826					
7:15 AM	0.3	0.1	0.1	0.4	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.3	0.1	0.1	0.3	10
8:00 AM	0.3	0.1	0.1	0.4	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.1	0.0	0.1	0.2	10
7:30 AM	0.2	0.1	0.0	0.3	10
7:45 AM	0.1	0.1	0.1	0.2	10
8:00 AM	0.1	0.1	0.1	0.2	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
7:15 AM	0.9	0.1	0.8	1.2	10
7:30 AM	1.0	0.1	0.8	1.2	10
7:45 AM	1.0	0.2	0.6	1.4	10
8:00 AM	1.0	0.1	0.7	1.2	10
EB TR on LAKE AVE NW - Lane ID 274837					
7:15 AM	1.7	0.4	1.1	2.3	10
7:30 AM	2.1	0.6	1.2	2.9	10
7:45 AM	2.0	0.5	1.3	3.3	10
8:00 AM	1.9	0.3	1.5	2.4	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.1	0.1	0.2	10
8:00 AM	0.1	0.1	0.1	0.2	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	0.6	0.2	0.4	0.9	10
7:30 AM	0.7	0.1	0.5	1.0	10
7:45 AM	0.7	0.2	0.5	1.0	10
8:00 AM	0.7	0.2	0.4	0.9	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	0.9	0.2	0.6	1.2	10
7:30 AM	1.0	0.2	0.7	1.4	10
7:45 AM	1.0	0.3	0.4	1.5	10
8:00 AM	1.0	0.2	0.7	1.4	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	0.7	0.1	0.5	0.8	10
7:30 AM	0.9	0.1	0.6	1.0	10
7:45 AM	1.2	0.6	0.5	2.4	10
8:00 AM	1.1	0.5	0.6	2.2	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	0.6	0.2	0.3	0.9	10
7:30 AM	0.9	0.2	0.6	1.2	10
7:45 AM	0.8	0.2	0.4	1.0	10
8:00 AM	0.9	0.4	0.3	1.4	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	0.6	0.2	0.2	1.0	10
7:30 AM	0.9	0.3	0.5	1.4	10
7:45 AM	0.9	0.2	0.6	1.4	10
8:00 AM	1.0	0.2	0.6	1.3	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	1.3	0.2	0.9	1.6	10
7:30 AM	1.3	0.2	1.0	1.5	10
7:45 AM	1.2	0.2	1.0	1.6	10
8:00 AM	1.3	0.2	1.1	1.7	10
WB L on LAKE AVE NW - Lane ID 274852					
7:15 AM	1.3	0.2	0.8	1.6	10
7:30 AM	1.2	0.3	0.9	1.8	10
7:45 AM	1.2	0.2	1.0	1.6	10
8:00 AM	1.3	0.2	0.7	1.5	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	0.2	0.1	0.1	0.4	10
7:30 AM	0.3	0.1	0.1	0.5	10
7:45 AM	0.2	0.1	0.1	0.4	10
8:00 AM	0.2	0.1	0.1	0.3	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	1.2	0.3	0.8	1.5	10
7:30 AM	1.2	0.3	0.8	1.5	10
7:45 AM	1.2	0.3	0.8	1.8	10
8:00 AM	1.3	0.3	0.8	1.7	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Percentile Queue

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
7:15 AM	6.0	7.2	0.0	18.3	10
7:30 AM	14.2	11.9	0.0	33.4	10
7:45 AM	11.2	6.9	0.0	21.7	10
8:00 AM	10.4	10.6	0.0	32.0	10
EB T on [Unnamed Street] - Lane ID 274840					
7:15 AM	6.8	5.4	0.0	16.8	10
7:30 AM	15.7	14.7	0.0	38.7	10
7:45 AM	16.3	12.0	0.0	34.0	10
8:00 AM	8.7	8.1	0.0	19.2	10
NEB T on [Unnamed Street] - Lane ID 274828					
7:15 AM	12.3	7.1	0.0	18.7	10
7:30 AM	13.0	8.0	0.0	21.0	10
7:45 AM	15.7	3.2	7.6	18.3	10
8:00 AM	15.1	5.7	0.0	20.2	10
SWB T on [Unnamed Street] - Lane ID 274820					
7:15 AM	35.4	11.4	20.6	48.0	10
7:30 AM	32.3	7.5	20.9	45.6	10
7:45 AM	36.2	11.2	20.6	60.1	10
8:00 AM	25.0	12.7	9.1	42.1	10
WB T on [Unnamed Street] - Lane ID 274826					
7:15 AM	27.0	8.2	17.8	38.5	10
7:30 AM	28.3	10.9	19.9	56.6	10
7:45 AM	22.6	6.2	17.8	36.5	10
8:00 AM	28.2	6.4	17.8	38.6	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	15.9	2.9	8.3	18.3	10
7:30 AM	15.9	6.4	0.0	26.4	10
7:45 AM	18.1	4.9	15.2	31.8	10
8:00 AM	16.6	5.2	8.6	27.2	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
7:15 AM	55.6	10.0	45.5	74.3	10
7:30 AM	64.8	8.9	48.5	74.4	10
7:45 AM	66.8	16.8	50.7	104.2	10
8:00 AM	60.9	12.7	46.9	86.9	10
EB TR on LAKE AVE NW - Lane ID 274837					
7:15 AM	112.9	33.4	76.4	195.0	10
7:30 AM	141.7	46.0	86.4	261.4	10
7:45 AM	131.0	49.8	94.7	261.4	10
8:00 AM	125.8	15.2	105.0	149.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	18.2	1.8	16.1	21.5	10
7:30 AM	13.3	5.7	0.0	19.2	10
7:45 AM	21.1	18.5	8.9	73.2	10
8:00 AM	15.5	3.3	9.6	19.2	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	53.6	15.0	40.4	93.6	10
7:30 AM	59.1	12.6	43.6	75.6	10
7:45 AM	64.0	9.7	45.2	76.6	10
8:00 AM	59.9	13.3	39.8	75.8	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	96.0	31.9	61.5	157.0	10
7:30 AM	80.3	13.9	59.7	106.8	10
7:45 AM	83.4	19.1	42.7	103.9	10
8:00 AM	92.4	16.2	74.0	118.1	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	66.4	19.5	39.8	99.6	10
7:30 AM	77.9	21.6	50.9	124.5	10
7:45 AM	103.7	48.8	49.3	209.0	10
8:00 AM	102.9	46.7	73.3	230.6	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	79.3	28.6	28.0	120.2	10
7:30 AM	110.3	22.9	77.5	139.5	10
7:45 AM	89.5	28.2	46.5	131.6	10
8:00 AM	107.4	39.3	45.3	184.8	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	75.2	34.7	9.2	122.4	10
7:30 AM	105.7	51.6	53.6	211.2	10
7:45 AM	98.2	26.0	67.0	145.7	10
8:00 AM	117.2	36.2	45.6	164.5	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	69.9	8.7	48.6	81.0	10
7:30 AM	78.1	9.9	61.3	92.7	10
7:45 AM	75.7	3.9	69.1	81.4	10
8:00 AM	74.5	6.0	59.8	82.1	10
WB L on LAKE AVE NW - Lane ID 274852					
7:15 AM	79.9	13.8	48.3	99.7	10
7:30 AM	73.3	13.8	52.8	95.1	10
7:45 AM	70.7	8.7	49.3	81.3	10
8:00 AM	73.1	13.5	45.8	98.6	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	21.4	10.4	0.0	37.9	10
7:30 AM	22.1	11.2	7.9	51.0	10
7:45 AM	23.7	10.8	8.3	40.3	10
8:00 AM	20.6	5.5	13.4	33.4	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	80.4	12.9	64.9	102.5	10
7:30 AM	86.6	18.2	65.8	127.8	10
7:45 AM	78.3	18.1	54.9	115.8	10
8:00 AM	88.9	10.9	70.1	104.9	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Percentile Num Queued

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
7:15 AM	0.4	0.4	0.0	1.0	10
7:30 AM	0.7	0.5	0.0	1.5	10
7:45 AM	0.7	0.4	0.0	1.0	10
8:00 AM	0.6	0.6	0.0	1.6	10
EB T on [Unnamed Street] - Lane ID 274840					
7:15 AM	0.4	0.3	0.0	1.0	10
7:30 AM	0.7	0.6	0.0	1.5	10
7:45 AM	0.7	0.5	0.0	1.5	10
8:00 AM	0.4	0.4	0.0	1.0	10
NEB T on [Unnamed Street] - Lane ID 274828					
7:15 AM	0.8	0.4	0.0	1.0	10
7:30 AM	0.7	0.4	0.0	1.0	10
7:45 AM	1.0	0.2	0.5	1.0	10
8:00 AM	0.9	0.3	0.0	1.0	10
SWB T on [Unnamed Street] - Lane ID 274820					
7:15 AM	1.5	0.5	1.0	2.0	10
7:30 AM	1.4	0.3	1.0	2.0	10
7:45 AM	1.4	0.4	1.0	2.0	10
8:00 AM	1.2	0.5	0.6	2.0	10
WB T on [Unnamed Street] - Lane ID 274826					
7:15 AM	1.2	0.3	1.0	2.0	10
7:30 AM	1.1	0.2	1.0	1.5	10
7:45 AM	1.0	0.0	1.0	1.0	10
8:00 AM	1.0	0.0	1.0	1.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	1.0	0.2	0.5	1.0	10
7:30 AM	0.9	0.3	0.0	1.0	10
7:45 AM	1.0	0.0	1.0	1.0	10
8:00 AM	1.0	0.1	0.6	1.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
7:15 AM	2.2	0.3	2.0	3.0	10
7:30 AM	2.6	0.4	2.0	3.0	10
7:45 AM	2.6	0.6	2.0	3.5	10
8:00 AM	2.3	0.4	2.0	3.0	10
EB TR on LAKE AVE NW - Lane ID 274837					
7:15 AM	4.2	0.9	3.0	6.0	10
7:30 AM	4.9	1.2	3.5	8.0	10
7:45 AM	4.7	1.3	3.5	8.0	10
8:00 AM	4.6	0.6	4.0	5.6	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	1.0	0.0	1.0	1.0	10
7:30 AM	0.8	0.3	0.0	1.0	10
7:45 AM	1.0	0.2	0.5	1.0	10
8:00 AM	0.9	0.2	0.6	1.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	2.3	0.6	2.0	4.0	10
7:30 AM	2.5	0.5	2.0	3.0	10
7:45 AM	2.5	0.4	2.0	3.0	10
8:00 AM	2.5	0.5	2.0	3.2	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	3.4	0.7	2.5	4.5	10
7:30 AM	3.3	0.5	2.5	4.0	10
7:45 AM	3.2	0.6	2.1	4.0	10
8:00 AM	3.5	0.5	3.0	4.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	2.6	0.7	1.5	3.5	10
7:30 AM	3.0	0.4	2.0	3.5	10
7:45 AM	4.0	1.4	2.0	6.5	10
8:00 AM	3.9	1.2	3.0	7.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	3.1	1.0	1.5	4.6	10
7:30 AM	4.0	0.8	3.0	5.5	10
7:45 AM	3.2	0.8	2.0	4.5	10
8:00 AM	4.1	1.3	2.0	6.6	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	3.0	1.4	0.5	5.1	10
7:30 AM	4.0	1.6	2.0	6.5	10
7:45 AM	3.9	0.9	3.0	5.5	10
8:00 AM	4.5	1.3	2.0	6.0	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	2.7	0.5	2.0	3.0	10
7:30 AM	3.0	0.5	2.0	3.5	10
7:45 AM	2.9	0.3	2.0	3.0	10
8:00 AM	3.0	0.1	2.6	3.0	10
WB L on LAKE AVE NW - Lane ID 274852					
7:15 AM	2.9	0.4	2.0	3.5	10
7:30 AM	2.8	0.5	2.0	3.5	10
7:45 AM	2.8	0.4	2.0	3.0	10
8:00 AM	3.0	0.4	2.0	3.6	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	1.1	0.4	0.0	1.5	10
7:30 AM	1.1	0.4	0.5	2.0	10
7:45 AM	1.1	0.3	0.5	1.5	10
8:00 AM	1.1	0.2	1.0	1.6	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	3.2	0.5	2.5	4.0	10
7:30 AM	3.1	0.5	2.5	4.0	10
7:45 AM	3.1	0.4	2.5	4.0	10
8:00 AM	3.5	0.3	3.0	4.0	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 AM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 07:15:00 - 08:15:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Spillback Rate

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.0	0.0	0.2	10
8:00 AM	0.1	0.0	0.0	0.2	10
EB T on [Unnamed Street] - Lane ID 274840					
7:15 AM	0.1	0.0	0.0	0.1	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.0	0.0	0.2	10
8:00 AM	0.1	0.0	0.0	0.1	10
NEB T on [Unnamed Street] - Lane ID 274828					
7:15 AM	0.1	0.1	0.0	0.3	10
7:30 AM	0.1	0.1	0.0	0.2	10
7:45 AM	0.1	0.0	0.1	0.2	10
8:00 AM	0.1	0.1	0.0	0.2	10
SWB T on [Unnamed Street] - Lane ID 274820					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.2	0.1	0.1	0.3	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.2	0.1	0.1	0.3	10
WB T on [Unnamed Street] - Lane ID 274826					
7:15 AM	0.2	0.1	0.1	0.3	10
7:30 AM	0.2	0.1	0.1	0.4	10
7:45 AM	0.2	0.1	0.1	0.3	10
8:00 AM	0.3	0.1	0.1	0.4	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
EB TR on LAKE AVE NW - Lane ID 274837					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 262189					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 274852					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274809					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 262190					
7:15 AM	0.0	0.0	0.0	0.0	10
7:30 AM	0.0	0.0	0.0	0.0	10
7:45 AM	0.0	0.0	0.0	0.0	10
8:00 AM	0.0	0.0	0.0	0.0	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Intersection Level of Service by Lane Group - Overview

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on LAKE AVE NW: Superlink ID 52029					
3:30 PM	1	5.0	0.10	44.0	D
3:30 PM	2	4.0	0.00	31.8	C
3:30 PM	3	5.0	0.00	30.5	C
3:30 PM	4	5.0	0.10	46.1	D
3:30 PM	5	4.0	0.00	44.0	D
3:30 PM	6	5.0	0.10	61.3	E
3:30 PM	7	4.0	0.00	42.3	D
3:30 PM	8	5.0	0.00	29.8	C
3:30 PM	9	5.0	0.10	43.0	D
3:30 PM	10	4.0	0.00	33.6	C
3:45 PM	1	5.0	0.10	37.0	D
3:45 PM	2	6.0	0.10	59.9	E
3:45 PM	3	4.0	0.00	33.3	C
3:45 PM	4	5.0	0.10	53.6	D
3:45 PM	5	5.0	0.10	38.8	D
3:45 PM	6	5.0	0.00	24.3	C
3:45 PM	7	6.0	0.10	43.9	D
3:45 PM	8	4.0	0.10	73.8	E
3:45 PM	9	5.0	0.10	53.8	D
3:45 PM	10	5.0	0.10	62.7	E
4:00 PM	1	4.0	0.00	39.4	D
4:00 PM	2	5.0	0.10	59.3	E
4:00 PM	3	5.0	0.10	67.7	E
4:00 PM	4	5.0	0.00	32.7	C
4:00 PM	5	6.0	0.10	54.3	D
4:00 PM	6	5.0	0.10	43.7	D
4:00 PM	7	5.0	0.10	60.9	E
4:00 PM	8	6.0	0.10	34.3	C
4:00 PM	9	5.0	0.00	19.7	B
4:00 PM	10	5.0	0.10	59.4	E
4:15 PM	1	6.0	0.10	37.7	D
4:15 PM	2	5.0	0.10	66.6	E
4:15 PM	3	6.0	0.10	41.0	D
4:15 PM	4	5.0	0.00	34.2	C
4:15 PM	5	4.0	0.00	41.0	D
4:15 PM	6	5.0	0.10	58.3	E

4:15 PM	7	5.0	0.10	38.2	D
4:15 PM	8	5.0	0.10	40.4	D
4:15 PM	9	4.0	0.00	38.4	D
4:15 PM	10	5.0	0.10	36.8	D
3:30 PM	Avg	4.6	0.04	40.6	D
3:45 PM	Avg	5.0	0.08	48.1	D
4:00 PM	Avg	5.1	0.07	47.1	D
4:15 PM	Avg	5.0	0.07	43.3	D

EB T on LAKE AVE NW: Superlink ID 52029

3:30 PM	1	32.0	0.40	44.6	D
3:30 PM	2	31.0	0.20	25.5	C
3:30 PM	3	32.0	0.20	24.6	C
3:30 PM	4	32.0	0.20	26.8	C
3:30 PM	5	34.0	0.20	22.9	C
3:30 PM	6	30.0	0.20	28.8	C
3:30 PM	7	32.0	0.20	23.5	C
3:30 PM	8	32.0	0.20	21.2	C
3:30 PM	9	30.0	0.20	24.7	C
3:30 PM	10	33.0	0.20	25.7	C
3:45 PM	1	30.0	0.20	19.2	B
3:45 PM	2	31.0	0.20	27.2	C
3:45 PM	3	32.0	0.20	26.1	C
3:45 PM	4	33.0	0.20	26.3	C
3:45 PM	5	32.0	0.20	26.0	C
3:45 PM	6	34.0	0.30	26.9	C
3:45 PM	7	31.0	0.20	21.2	C
3:45 PM	8	29.0	0.20	28.0	C
3:45 PM	9	32.0	0.20	25.1	C
3:45 PM	10	30.0	0.20	23.5	C
4:00 PM	1	32.0	0.20	24.2	C
4:00 PM	2	33.0	0.20	23.6	C
4:00 PM	3	31.0	0.30	29.9	C
4:00 PM	4	29.0	0.20	24.4	C
4:00 PM	5	30.0	0.20	21.4	C
4:00 PM	6	33.0	0.20	19.6	B
4:00 PM	7	31.0	0.20	21.9	C
4:00 PM	8	35.0	0.20	25.4	C
4:00 PM	9	33.0	0.30	27.5	C
4:00 PM	10	34.0	0.30	27.6	C
4:15 PM	1	30.0	0.20	22.8	C
4:15 PM	2	31.0	0.20	26.5	C
4:15 PM	3	32.0	0.30	34.8	C
4:15 PM	4	34.0	0.20	24.6	C
4:15 PM	5	32.0	0.20	25.8	C
4:15 PM	6	30.0	0.30	31.3	C
4:15 PM	7	32.0	0.20	25.5	C

4:15 PM	8	31.0	0.20	24.5	C
4:15 PM	9	32.0	0.20	24.6	C
4:15 PM	10	31.0	0.20	26.9	C
3:30 PM	Avg	31.8	0.22	26.8	C
3:45 PM	Avg	31.4	0.21	24.9	C
4:00 PM	Avg	32.1	0.23	24.5	C
4:15 PM	Avg	31.5	0.22	26.7	C

EB TR on LAKE AVE NW: Superlink ID 52029

3:30 PM	1	64.0	0.40	23.4	C
3:30 PM	2	61.0	0.40	23.8	C
3:30 PM	3	63.0	0.50	27.1	C
3:30 PM	4	64.0	0.40	24.1	C
3:30 PM	5	60.0	0.50	28.8	C
3:30 PM	6	57.0	0.40	24.1	C
3:30 PM	7	61.0	0.50	28.7	C
3:30 PM	8	60.0	0.40	23.8	C
3:30 PM	9	61.0	0.40	23.2	C
3:30 PM	10	61.0	0.50	27.7	C
3:45 PM	1	58.0	0.50	28.7	C
3:45 PM	2	64.0	0.50	27.1	C
3:45 PM	3	62.0	0.40	24.9	C
3:45 PM	4	62.0	0.40	22.9	C
3:45 PM	5	63.0	0.50	26.0	C
3:45 PM	6	65.0	0.50	25.1	C
3:45 PM	7	62.0	0.50	26.2	C
3:45 PM	8	57.0	0.40	25.2	C
3:45 PM	9	58.0	0.40	27.3	C
3:45 PM	10	60.0	0.30	20.8	C
4:00 PM	1	64.0	0.50	27.6	C
4:00 PM	2	61.0	0.50	27.3	C
4:00 PM	3	61.0	0.40	25.4	C
4:00 PM	4	60.0	0.40	26.8	C
4:00 PM	5	59.0	0.40	26.0	C
4:00 PM	6	60.0	0.50	28.5	C
4:00 PM	7	63.0	0.40	24.7	C
4:00 PM	8	62.0	0.50	28.1	C
4:00 PM	9	65.0	0.50	28.4	C
4:00 PM	10	64.0	0.50	27.5	C
4:15 PM	1	56.0	0.30	22.3	C
4:15 PM	2	57.0	0.40	25.1	C
4:15 PM	3	60.0	0.40	25.6	C
4:15 PM	4	62.0	0.50	29.1	C
4:15 PM	5	62.0	0.50	26.3	C
4:15 PM	6	58.0	0.40	27.1	C
4:15 PM	7	59.0	0.40	26.7	C
4:15 PM	8	62.0	0.50	31.8	C

4:15 PM	9	62.0	0.50	27.4	C
4:15 PM	10	59.0	0.30	21.0	C
3:30 PM	Avg	61.2	0.44	25.5	C
3:45 PM	Avg	61.1	0.44	25.4	C
4:00 PM	Avg	61.9	0.46	27.0	C
4:15 PM	Avg	59.7	0.42	26.2	C

NWB L on GREAT LAKES BLVD NW: Superlink ID 52044

3:30 PM	1	5.0	0.10	63.9	E
3:30 PM	2	6.0	0.10	42.8	D
3:30 PM	3	5.0	0.10	43.0	D
3:30 PM	4	5.0	0.10	58.1	E
3:30 PM	5	5.0	0.00	34.4	C
3:30 PM	6	6.0	0.10	43.8	D
3:30 PM	7	4.0	0.00	26.2	C
3:30 PM	8	4.0	0.10	59.4	E
3:30 PM	9	4.0	0.00	39.7	D
3:30 PM	10	5.0	0.10	44.9	D
3:45 PM	1	6.0	0.10	34.4	C
3:45 PM	2	4.0	0.00	33.7	C
3:45 PM	3	6.0	0.10	44.6	D
3:45 PM	4	6.0	0.00	23.8	C
3:45 PM	5	5.0	0.10	51.0	D
3:45 PM	6	5.0	0.00	34.1	C
3:45 PM	7	5.0	0.00	22.4	C
3:45 PM	8	6.0	0.10	50.4	D
3:45 PM	9	6.0	0.10	37.2	D
3:45 PM	10	4.0	0.00	35.9	D
4:00 PM	1	5.0	0.00	35.3	D
4:00 PM	2	5.0	0.10	48.7	D
4:00 PM	3	5.0	0.00	17.5	B
4:00 PM	4	5.0	0.10	45.8	D
4:00 PM	5	6.0	0.10	38.5	D
4:00 PM	6	4.0	0.00	12.8	B
4:00 PM	7	5.0	0.10	49.1	D
4:00 PM	8	4.0	0.00	25.1	C
4:00 PM	9	5.0	0.10	59.2	E
4:00 PM	10	6.0	0.10	34.2	C
4:15 PM	1	5.0	0.10	42.2	D
4:15 PM	2	6.0	0.10	48.8	D
4:15 PM	3	5.0	0.00	20.0	C
4:15 PM	4	4.0	0.00	17.9	B
4:15 PM	5	5.0	0.00	24.2	C
4:15 PM	6	6.0	0.10	32.1	C
4:15 PM	7	5.0	0.10	42.4	D
4:15 PM	8	6.0	0.00	23.3	C
4:15 PM	9	5.0	0.00	34.0	C

4:15 PM	10	5.0	0.10	55.0	D
3:30 PM	Avg	4.9	0.07	45.6	D
3:45 PM	Avg	5.3	0.05	36.7	D
4:00 PM	Avg	5.0	0.06	36.6	D
4:15 PM	Avg	5.2	0.05	34.0	C

NWB T on GREAT LAKES BLVD NW: Superlink ID 52044

3:30 PM	1	82.0	0.50	20.9	C
3:30 PM	2	87.0	0.50	22.7	C
3:30 PM	3	87.0	0.50	22.2	C
3:30 PM	4	89.0	0.60	22.9	C
3:30 PM	5	87.0	0.60	24.9	C
3:30 PM	6	86.0	0.50	21.1	C
3:30 PM	7	80.0	0.50	24.0	C
3:30 PM	8	88.0	0.50	21.9	C
3:30 PM	9	80.0	0.50	21.6	C
3:30 PM	10	79.0	0.50	20.9	C
3:45 PM	1	92.0	0.70	28.8	C
3:45 PM	2	84.0	0.60	25.1	C
3:45 PM	3	78.0	0.60	25.9	C
3:45 PM	4	86.0	0.50	20.5	C
3:45 PM	5	90.0	0.70	26.9	C
3:45 PM	6	84.0	0.60	26.6	C
3:45 PM	7	82.0	0.60	24.6	C
3:45 PM	8	92.0	0.60	23.3	C
3:45 PM	9	87.0	0.60	24.5	C
3:45 PM	10	90.0	0.60	23.2	C
4:00 PM	1	80.0	0.60	26.4	C
4:00 PM	2	82.0	0.60	26.2	C
4:00 PM	3	86.0	0.60	25.8	C
4:00 PM	4	86.0	0.50	22.4	C
4:00 PM	5	82.0	0.60	26.8	C
4:00 PM	6	81.0	0.60	26.4	C
4:00 PM	7	86.0	0.50	20.3	C
4:00 PM	8	88.0	0.60	25.0	C
4:00 PM	9	84.0	0.50	23.4	C
4:00 PM	10	86.0	0.60	24.3	C
4:15 PM	1	89.0	0.60	25.3	C
4:15 PM	2	88.0	0.60	25.5	C
4:15 PM	3	85.0	0.60	24.0	C
4:15 PM	4	80.0	0.40	20.0	B
4:15 PM	5	79.0	0.70	29.7	C
4:15 PM	6	90.0	0.70	27.0	C
4:15 PM	7	92.0	0.70	25.9	C
4:15 PM	8	88.0	0.60	22.8	C
4:15 PM	9	82.0	0.50	23.6	C
4:15 PM	10	85.0	0.70	29.2	C

3:30 PM	Avg	84.5	0.52	22.3	C
3:45 PM	Avg	86.5	0.61	24.9	C
4:00 PM	Avg	84.1	0.57	24.7	C
4:15 PM	Avg	85.8	0.61	25.3	C

NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044

3:30 PM	1	116.0	0.60	19.7	B
3:30 PM	2	121.0	0.80	23.5	C
3:30 PM	3	117.0	0.70	20.6	C
3:30 PM	4	110.0	0.70	22.8	C
3:30 PM	5	117.0	0.80	25.9	C
3:30 PM	6	117.0	0.70	23.0	C
3:30 PM	7	123.0	0.60	18.9	B
3:30 PM	8	114.0	0.70	20.8	C
3:30 PM	9	112.0	0.80	24.1	C
3:30 PM	10	117.0	0.70	21.1	C
3:45 PM	1	116.0	1.00	32.3	C
3:45 PM	2	110.0	0.70	23.7	C
3:45 PM	3	116.0	0.70	21.0	C
3:45 PM	4	114.0	0.80	24.5	C
3:45 PM	5	113.0	1.00	32.5	C
3:45 PM	6	113.0	0.80	26.7	C
3:45 PM	7	114.0	0.80	24.4	C
3:45 PM	8	116.0	0.80	26.0	C
3:45 PM	9	120.0	0.80	25.2	C
3:45 PM	10	121.0	0.80	24.4	C
4:00 PM	1	114.0	0.80	25.4	C
4:00 PM	2	118.0	0.70	20.1	C
4:00 PM	3	119.0	0.90	26.5	C
4:00 PM	4	126.0	0.80	22.8	C
4:00 PM	5	120.0	0.80	23.1	C
4:00 PM	6	121.0	0.70	20.4	C
4:00 PM	7	115.0	0.70	20.5	C
4:00 PM	8	112.0	0.90	28.2	C
4:00 PM	9	113.0	0.70	23.4	C
4:00 PM	10	110.0	0.80	26.1	C
4:15 PM	1	118.0	0.80	24.8	C
4:15 PM	2	122.0	0.90	25.5	C
4:15 PM	3	121.0	0.80	23.0	C
4:15 PM	4	112.0	0.70	22.7	C
4:15 PM	5	118.0	0.80	23.2	C
4:15 PM	6	119.0	0.90	28.0	C
4:15 PM	7	118.0	0.90	28.2	C
4:15 PM	8	112.0	0.70	24.0	C
4:15 PM	9	126.0	0.70	18.9	B
4:15 PM	10	122.0	0.90	25.5	C

3:30 PM	Avg	116.4	0.71	22.0	C
3:45 PM	Avg	115.3	0.82	26.1	C
4:00 PM	Avg	116.8	0.78	23.6	C
4:15 PM	Avg	118.8	0.81	24.4	C

SB L on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	22.0	0.30	50.5	D
3:30 PM	2	26.0	0.30	45.0	D
3:30 PM	3	25.0	0.30	49.3	D
3:30 PM	4	25.0	0.30	40.4	D
3:30 PM	5	27.0	0.30	39.5	D
3:30 PM	6	20.0	0.40	63.2	E
3:30 PM	7	24.0	0.30	42.5	D
3:30 PM	8	24.0	0.30	52.2	D
3:30 PM	9	25.0	0.30	48.7	D
3:30 PM	10	18.0	0.20	47.1	D
3:45 PM	1	36.0	0.50	50.3	D
3:45 PM	2	35.0	0.80	83.7	F
3:45 PM	3	35.0	0.50	50.9	D
3:45 PM	4	33.0	0.40	45.1	D
3:45 PM	5	33.0	0.60	64.0	E
3:45 PM	6	40.0	0.60	54.7	D
3:45 PM	7	34.0	0.50	50.4	D
3:45 PM	8	35.0	0.60	58.3	E
3:45 PM	9	33.0	0.50	56.8	E
3:45 PM	10	40.0	1.00	87.7	F
4:00 PM	1	37.0	0.60	58.3	E
4:00 PM	2	32.0	0.40	49.3	D
4:00 PM	3	35.0	0.40	42.7	D
4:00 PM	4	36.0	0.60	60.7	E
4:00 PM	5	34.0	0.50	56.8	E
4:00 PM	6	33.0	0.50	57.5	E
4:00 PM	7	33.0	0.50	50.2	D
4:00 PM	8	35.0	0.90	93.3	F
4:00 PM	9	40.0	0.60	49.9	D
4:00 PM	10	37.0	0.40	39.8	D
4:15 PM	1	33.0	0.30	37.2	D
4:15 PM	2	39.0	0.70	60.6	E
4:15 PM	3	32.0	0.70	78.1	E
4:15 PM	4	39.0	0.70	60.0	E
4:15 PM	5	39.0	0.60	58.1	E
4:15 PM	6	38.0	0.50	51.4	D
4:15 PM	7	41.0	0.90	80.0	F
4:15 PM	8	36.0	0.80	84.4	F
4:15 PM	9	26.0	0.40	58.8	E
4:15 PM	10	36.0	0.50	48.8	D
3:30 PM	Avg	23.6	0.30	47.8	D

3:45 PM	Avg	35.4	0.60	60.2	E
4:00 PM	Avg	35.2	0.54	55.8	E
4:15 PM	Avg	35.9	0.61	61.7	E

SB T on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	34.0	0.20	16.4	B
3:30 PM	2	42.0	0.20	20.0	C
3:30 PM	3	35.0	0.30	28.5	C
3:30 PM	4	37.0	0.20	21.2	C
3:30 PM	5	44.0	0.20	16.9	B
3:30 PM	6	37.0	0.20	20.5	C
3:30 PM	7	34.0	0.20	19.1	B
3:30 PM	8	35.0	0.20	22.5	C
3:30 PM	9	35.0	0.20	20.5	C
3:30 PM	10	31.0	0.20	19.8	B
3:45 PM	1	50.0	0.50	34.1	C
3:45 PM	2	48.0	0.40	33.3	C
3:45 PM	3	52.0	0.30	21.6	C
3:45 PM	4	45.0	0.40	30.2	C
3:45 PM	5	39.0	0.20	21.5	C
3:45 PM	6	54.0	0.30	17.8	B
3:45 PM	7	45.0	0.30	25.6	C
3:45 PM	8	47.0	0.40	27.4	C
3:45 PM	9	52.0	0.30	19.4	B
3:45 PM	10	48.0	0.40	28.9	C
4:00 PM	1	51.0	0.30	23.8	C
4:00 PM	2	43.0	0.30	26.6	C
4:00 PM	3	42.0	0.20	21.1	C
4:00 PM	4	51.0	0.50	35.0	D
4:00 PM	5	54.0	0.30	21.4	C
4:00 PM	6	44.0	0.30	25.2	C
4:00 PM	7	50.0	0.20	16.4	B
4:00 PM	8	53.0	0.30	22.0	C
4:00 PM	9	57.0	0.40	24.2	C
4:00 PM	10	49.0	0.30	22.9	C
4:15 PM	1	45.0	0.40	31.3	C
4:15 PM	2	52.0	0.40	26.2	C
4:15 PM	3	48.0	0.50	36.1	D
4:15 PM	4	44.0	0.40	29.3	C
4:15 PM	5	53.0	0.40	24.5	C
4:15 PM	6	39.0	0.30	23.2	C
4:15 PM	7	52.0	0.20	16.9	B
4:15 PM	8	43.0	0.30	23.7	C
4:15 PM	9	48.0	0.30	20.1	C
4:15 PM	10	47.0	0.30	25.3	C
3:30 PM	Avg	36.4	0.21	20.5	C
3:45 PM	Avg	48.0	0.35	26.0	C

4:00 PM	Avg	49.4	0.31	23.9	C
4:15 PM	Avg	47.1	0.35	25.7	C

SB TR on GREAT LAKES BLVD NW: Superlink ID 52043

3:30 PM	1	37.0	0.20	15.9	B
3:30 PM	2	43.0	0.30	23.8	C
3:30 PM	3	48.0	0.30	23.6	C
3:30 PM	4	43.0	0.20	19.7	B
3:30 PM	5	40.0	0.20	19.4	B
3:30 PM	6	41.0	0.20	14.6	B
3:30 PM	7	48.0	0.20	11.5	B
3:30 PM	8	39.0	0.20	22.8	C
3:30 PM	9	39.0	0.20	16.6	B
3:30 PM	10	39.0	0.20	17.9	B
3:45 PM	1	56.0	0.50	30.0	C
3:45 PM	2	48.0	0.40	30.6	C
3:45 PM	3	53.0	0.30	19.7	B
3:45 PM	4	44.0	0.30	28.2	C
3:45 PM	5	53.0	0.30	23.8	C
3:45 PM	6	47.0	0.20	18.9	B
3:45 PM	7	47.0	0.30	23.2	C
3:45 PM	8	52.0	0.40	28.0	C
3:45 PM	9	41.0	0.20	21.8	C
3:45 PM	10	59.0	0.50	28.1	C
4:00 PM	1	59.0	0.40	21.9	C
4:00 PM	2	48.0	0.30	21.9	C
4:00 PM	3	46.0	0.30	22.2	C
4:00 PM	4	55.0	0.50	36.0	D
4:00 PM	5	48.0	0.30	22.8	C
4:00 PM	6	50.0	0.30	25.0	C
4:00 PM	7	51.0	0.20	17.3	B
4:00 PM	8	58.0	0.30	20.8	C
4:00 PM	9	60.0	0.40	25.6	C
4:00 PM	10	47.0	0.40	29.4	C
4:15 PM	1	46.0	0.40	29.2	C
4:15 PM	2	66.0	0.30	16.6	B
4:15 PM	3	60.0	0.40	25.5	C
4:15 PM	4	51.0	0.30	21.1	C
4:15 PM	5	60.0	0.40	22.3	C
4:15 PM	6	64.0	0.30	14.5	B
4:15 PM	7	55.0	0.30	17.5	B
4:15 PM	8	56.0	0.40	23.2	C
4:15 PM	9	45.0	0.40	31.2	C
4:15 PM	10	63.0	0.50	27.7	C
3:30 PM	Avg	41.7	0.22	18.6	B
3:45 PM	Avg	50.0	0.34	25.2	C
4:00 PM	Avg	52.2	0.34	24.3	C

4:15 PM	Avg	56.6	0.37	22.9	C

WB L on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	70.0	0.60	31.3	C
3:30 PM	2	72.0	0.70	34.9	C
3:30 PM	3	68.0	0.60	34.4	C
3:30 PM	4	66.0	0.60	31.6	C
3:30 PM	5	73.0	0.60	31.4	C
3:30 PM	6	72.0	0.60	29.9	C
3:30 PM	7	72.0	0.70	36.9	D
3:30 PM	8	71.0	0.70	35.1	D
3:30 PM	9	77.0	0.70	34.4	C
3:30 PM	10	79.0	0.70	32.9	C
3:45 PM	1	73.0	0.70	33.2	C
3:45 PM	2	76.0	0.70	32.8	C
3:45 PM	3	76.0	0.60	29.8	C
3:45 PM	4	77.0	0.80	36.8	D
3:45 PM	5	74.0	0.60	29.9	C
3:45 PM	6	66.0	0.60	34.2	C
3:45 PM	7	74.0	0.70	36.3	D
3:45 PM	8	70.0	0.60	28.9	C
3:45 PM	9	76.0	0.70	32.1	C
3:45 PM	10	69.0	0.60	33.5	C
4:00 PM	1	69.0	0.60	33.7	C
4:00 PM	2	71.0	0.70	37.4	D
4:00 PM	3	73.0	0.70	34.9	C
4:00 PM	4	68.0	0.70	34.7	C
4:00 PM	5	70.0	0.70	34.3	C
4:00 PM	6	75.0	0.70	32.6	C
4:00 PM	7	74.0	0.70	33.4	C
4:00 PM	8	72.0	0.70	36.3	D
4:00 PM	9	68.0	0.60	31.9	C
4:00 PM	10	75.0	0.70	35.8	D
4:15 PM	1	78.0	0.80	35.2	D
4:15 PM	2	70.0	0.70	33.9	C
4:15 PM	3	66.0	0.60	33.2	C
4:15 PM	4	78.0	0.70	34.5	C
4:15 PM	5	73.0	0.60	29.2	C
4:15 PM	6	76.0	0.80	36.0	D
4:15 PM	7	69.0	0.70	37.5	D
4:15 PM	8	71.0	0.60	32.3	C
4:15 PM	9	74.0	0.70	33.7	C
4:15 PM	10	71.0	0.80	39.8	D
3:30 PM	Avg	72.0	0.65	33.3	C
3:45 PM	Avg	73.1	0.66	32.8	C
4:00 PM	Avg	71.5	0.68	34.5	C
4:15 PM	Avg	72.6	0.70	34.5	C

WB R on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	24.0	0.00	2.9	A
3:30 PM	2	25.0	0.10	7.3	A
3:30 PM	3	25.0	0.00	7.2	A
3:30 PM	4	25.0	0.00	6.5	A
3:30 PM	5	24.0	0.00	6.2	A
3:30 PM	6	25.0	0.00	3.9	A
3:30 PM	7	26.0	0.00	5.5	A
3:30 PM	8	25.0	0.00	3.6	A
3:30 PM	9	25.0	0.00	3.9	A
3:30 PM	10	27.0	0.00	3.0	A
3:45 PM	1	24.0	0.00	6.7	A
3:45 PM	2	26.0	0.00	4.6	A
3:45 PM	3	25.0	0.00	4.2	A
3:45 PM	4	23.0	0.10	9.8	A
3:45 PM	5	25.0	0.10	8.5	A
3:45 PM	6	26.0	0.00	2.4	A
3:45 PM	7	25.0	0.00	3.1	A
3:45 PM	8	24.0	0.10	9.6	A
3:45 PM	9	24.0	0.00	3.8	A
3:45 PM	10	28.0	0.00	4.8	A
4:00 PM	1	25.0	0.00	5.7	A
4:00 PM	2	24.0	0.00	4.6	A
4:00 PM	3	26.0	0.00	6.7	A
4:00 PM	4	25.0	0.00	6.5	A
4:00 PM	5	25.0	0.00	6.0	A
4:00 PM	6	25.0	0.00	6.1	A
4:00 PM	7	24.0	0.00	6.2	A
4:00 PM	8	26.0	0.00	4.0	A
4:00 PM	9	26.0	0.00	4.9	A
4:00 PM	10	25.0	0.00	2.9	A
4:15 PM	1	26.0	0.00	6.9	A
4:15 PM	2	24.0	0.10	7.9	A
4:15 PM	3	26.0	0.00	4.7	A
4:15 PM	4	26.0	0.00	2.2	A
4:15 PM	5	25.0	0.00	5.1	A
4:15 PM	6	25.0	0.00	5.3	A
4:15 PM	7	25.0	0.10	8.4	A
4:15 PM	8	26.0	0.00	6.1	A
4:15 PM	9	25.0	0.00	6.4	A
4:15 PM	10	24.0	0.00	5.2	A
3:30 PM	Avg	25.1	0.01	5.0	A
3:45 PM	Avg	25.0	0.03	5.8	A
4:00 PM	Avg	25.1	0.00	5.3	A
4:15 PM	Avg	25.2	0.02	5.8	A

WB T on LAKE AVE NW: Superlink ID 52038

3:30 PM	1	90.0	0.50	18.6	B
3:30 PM	2	92.0	0.60	22.0	C
3:30 PM	3	84.0	0.50	20.4	C
3:30 PM	4	92.0	0.50	20.3	C
3:30 PM	5	89.0	0.50	21.9	C
3:30 PM	6	83.0	0.50	19.7	B
3:30 PM	7	93.0	0.60	22.0	C
3:30 PM	8	92.0	0.50	20.5	C
3:30 PM	9	94.0	0.60	21.6	C
3:30 PM	10	93.0	0.50	18.2	B
3:45 PM	1	84.0	0.50	20.6	C
3:45 PM	2	90.0	0.50	21.3	C
3:45 PM	3	92.0	0.50	18.4	B
3:45 PM	4	94.0	0.50	19.2	B
3:45 PM	5	93.0	0.60	22.1	C
3:45 PM	6	94.0	0.60	23.8	C
3:45 PM	7	91.0	0.50	20.7	C
3:45 PM	8	84.0	0.50	21.5	C
3:45 PM	9	85.0	0.50	22.3	C
3:45 PM	10	86.0	0.50	22.9	C
4:00 PM	1	94.0	0.60	24.0	C
4:00 PM	2	92.0	0.60	22.4	C
4:00 PM	3	92.0	0.60	22.8	C
4:00 PM	4	84.0	0.50	20.5	C
4:00 PM	5	86.0	0.60	24.1	C
4:00 PM	6	94.0	0.50	18.8	B
4:00 PM	7	91.0	0.60	22.1	C
4:00 PM	8	93.0	0.60	23.0	C
4:00 PM	9	95.0	0.60	23.7	C
4:00 PM	10	94.0	0.60	21.8	C
4:15 PM	1	87.0	0.50	21.8	C
4:15 PM	2	86.0	0.50	22.2	C
4:15 PM	3	87.0	0.60	26.6	C
4:15 PM	4	95.0	0.60	23.2	C
4:15 PM	5	92.0	0.60	23.0	C
4:15 PM	6	87.0	0.60	23.7	C
4:15 PM	7	85.0	0.50	22.8	C
4:15 PM	8	89.0	0.50	19.4	B
4:15 PM	9	92.0	0.50	20.4	C
4:15 PM	10	88.0	0.50	20.4	C
3:30 PM	Avg	90.2	0.53	20.5	C
3:45 PM	Avg	89.3	0.52	21.3	C
4:00 PM	Avg	91.5	0.58	22.3	C
4:15 PM	Avg	88.8	0.54	22.4	C

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Intersection Level of Service by Lane Group - Total Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
3:30 PM	0.0	0.1	0.0	0.1	10
3:45 PM	0.1	0.0	0.0	0.1	10
4:00 PM	0.1	0.0	0.0	0.1	10
4:15 PM	0.1	0.0	0.0	0.1	10
EB T on LAKE AVE NW: Superlink ID 52029					
3:30 PM	0.2	0.1	0.2	0.4	10
3:45 PM	0.2	0.0	0.2	0.3	10
4:00 PM	0.2	0.0	0.2	0.3	10
4:15 PM	0.2	0.0	0.2	0.3	10
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM	0.4	0.1	0.4	0.5	10
3:45 PM	0.4	0.1	0.3	0.5	10
4:00 PM	0.5	0.1	0.4	0.5	10
4:15 PM	0.4	0.1	0.3	0.5	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	0.1	0.0	0.0	0.1	10
3:45 PM	0.1	0.1	0.0	0.1	10
4:00 PM	0.1	0.1	0.0	0.1	10
4:15 PM	0.1	0.1	0.0	0.1	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	0.5	0.0	0.5	0.6	10
3:45 PM	0.6	0.1	0.5	0.7	10
4:00 PM	0.6	0.0	0.5	0.6	10
4:15 PM	0.6	0.1	0.4	0.7	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	0.7	0.1	0.6	0.8	10
3:45 PM	0.8	0.1	0.7	1.0	10
4:00 PM	0.8	0.1	0.7	0.9	10
4:15 PM	0.8	0.1	0.7	0.9	10
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.3	0.0	0.2	0.4	10
3:45 PM	0.6	0.2	0.4	1.0	10
4:00 PM	0.5	0.2	0.4	0.9	10
4:15 PM	0.6	0.2	0.3	0.9	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.2	0.0	0.2	0.3	10
3:45 PM	0.4	0.1	0.2	0.5	10
4:00 PM	0.3	0.1	0.2	0.5	10
4:15 PM	0.4	0.1	0.2	0.5	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	0.2	0.0	0.2	0.3	10
3:45 PM	0.3	0.1	0.2	0.5	10
4:00 PM	0.3	0.1	0.2	0.5	10
4:15 PM	0.4	0.1	0.3	0.5	10
WB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.7	0.1	0.6	0.7	10
3:45 PM	0.7	0.1	0.6	0.8	10
4:00 PM	0.7	0.0	0.6	0.7	10
4:15 PM	0.7	0.1	0.6	0.8	10
WB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.1	10
WB T on LAKE AVE NW: Superlink ID 52038					
3:30 PM	0.5	0.0	0.5	0.6	10
3:45 PM	0.5	0.0	0.5	0.6	10
4:00 PM	0.6	0.0	0.5	0.6	10
4:15 PM	0.5	0.1	0.5	0.6	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Intersection Level of Service by Lane Group - Avg Control Delay

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW: Superlink ID 52029					
3:30 PM	40.6	9.6	29.8	61.3	10
3:45 PM	48.1	15.2	24.3	73.8	10
4:00 PM	47.1	15.5	19.7	67.7	10
4:15 PM	43.3	10.5	34.2	66.6	10
EB T on LAKE AVE NW: Superlink ID 52029					
3:30 PM	26.8	6.6	21.2	44.6	10
3:45 PM	24.9	2.8	19.2	28.0	10
4:00 PM	24.5	3.2	19.6	29.9	10
4:15 PM	26.7	3.6	22.8	34.8	10
EB TR on LAKE AVE NW: Superlink ID 52029					
3:30 PM	25.5	2.3	23.2	28.8	10
3:45 PM	25.4	2.3	20.8	28.7	10
4:00 PM	27.0	1.3	24.7	28.5	10
4:15 PM	26.2	3.1	21.0	31.8	10
NWB L on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	45.6	11.7	26.2	63.9	10
3:45 PM	36.7	9.7	22.4	51.0	10
4:00 PM	36.6	14.8	12.8	59.2	10
4:15 PM	34.0	12.8	17.9	55.0	10
NWB T on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	22.3	1.3	20.9	24.9	10
3:45 PM	24.9	2.3	20.5	28.8	10
4:00 PM	24.7	2.1	20.3	26.8	10
4:15 PM	25.3	2.9	20.0	29.7	10
NWB TR on GREAT LAKES BLVD NW: Superlink ID 52044					
3:30 PM	22.0	2.2	18.9	25.9	10
3:45 PM	26.1	3.7	21.0	32.5	10
4:00 PM	23.6	2.8	20.1	28.2	10
4:15 PM	24.4	2.7	18.9	28.2	10

SB L on GREAT LAKES BLVD NW: Superlink ID 52043

GREAT LAKES BLVD NW & LAKE AVE NW -- SIGNALIZED NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB L on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	47.8	6.9	39.5	63.2	10
3:45 PM	60.2	14.4	45.1	87.7	10
4:00 PM	55.8	14.8	39.8	93.3	10
4:15 PM	61.7	15.0	37.2	84.4	10
SB T on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	20.5	3.3	16.4	28.5	10
3:45 PM	26.0	5.8	17.8	34.1	10
4:00 PM	23.9	4.8	16.4	35.0	10
4:15 PM	25.7	5.5	16.9	36.1	10
SB TR on GREAT LAKES BLVD NW: Superlink ID 52043					
3:30 PM	18.6	4.1	11.5	23.8	10
3:45 PM	25.2	4.3	18.9	30.6	10
4:00 PM	24.3	5.2	17.3	36.0	10
4:15 PM	22.9	5.6	14.5	31.2	10
WB L on LAKE AVE NW: Superlink ID 52038					
3:30 PM	33.3	2.2	29.9	36.9	10
3:45 PM	32.8	2.7	28.9	36.8	10
4:00 PM	34.5	1.7	31.9	37.4	10
4:15 PM	34.5	2.9	29.2	39.8	10
WB R on LAKE AVE NW: Superlink ID 52038					
3:30 PM	5.0	1.7	2.9	7.3	10
3:45 PM	5.8	2.7	2.4	9.8	10
4:00 PM	5.3	1.2	2.9	6.7	10
4:15 PM	5.8	1.8	2.2	8.4	10
WB T on LAKE AVE NW: Superlink ID 52038					
3:30 PM	20.5	1.4	18.2	22.0	10
3:45 PM	21.3	1.6	18.4	23.8	10
4:00 PM	22.3	1.6	18.8	24.1	10
4:15 PM	22.4	2.1	19.4	26.6	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Roundabout Level of Service by Lane - Overview

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT **NODE: 8**

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB T on [Unnamed Street]: Lane ID 274823					
3:30 PM	1	74.0	0.00	1.8	A
3:30 PM	2	81.0	0.00	1.3	A
3:30 PM	3	78.0	0.00	1.3	A
3:30 PM	4	79.0	0.00	1.3	A
3:30 PM	5	82.0	0.00	1.3	A
3:30 PM	6	76.0	0.00	1.3	A
3:30 PM	7	82.0	0.00	1.1	A
3:30 PM	8	78.0	0.00	1.3	A
3:30 PM	9	76.0	0.00	1.1	A
3:30 PM	10	77.0	0.00	1.5	A
3:45 PM	1	86.0	0.00	1.1	A
3:45 PM	2	81.0	0.00	1.6	A
3:45 PM	3	81.0	0.00	0.9	A
3:45 PM	4	85.0	0.00	1.5	A
3:45 PM	5	84.0	0.00	1.1	A
3:45 PM	6	83.0	0.00	1.6	A
3:45 PM	7	82.0	0.00	1.5	A
3:45 PM	8	80.0	0.00	1.4	A
3:45 PM	9	84.0	0.00	1.1	A
3:45 PM	10	87.0	0.00	1.6	A
4:00 PM	1	83.0	0.00	1.2	A
4:00 PM	2	82.0	0.00	1.6	A
4:00 PM	3	85.0	0.00	1.3	A
4:00 PM	4	82.0	0.00	1.0	A
4:00 PM	5	77.0	0.00	1.6	A
4:00 PM	6	84.0	0.00	1.3	A
4:00 PM	7	81.0	0.00	1.6	A
4:00 PM	8	85.0	0.10	2.2	A
4:00 PM	9	84.0	0.00	1.5	A
4:00 PM	10	85.0	0.00	0.9	A
4:15 PM	1	82.0	0.00	1.6	A
4:15 PM	2	84.0	0.00	1.1	A
4:15 PM	3	82.0	0.00	1.3	A
4:15 PM	4	85.0	0.00	1.0	A
4:15 PM	5	83.0	0.00	1.3	A
4:15 PM	6	84.0	0.00	1.2	A
4:15 PM	7	83.0	0.00	1.7	A
4:15 PM	8	85.0	0.00	1.4	A
4:15 PM	9	84.0	0.00	1.7	A
4:15 PM	10	82.0	0.00	1.5	A
3:30 PM	Avg	78.3	0.00	1.3	A
3:45 PM	Avg	83.3	0.00	1.3	A
4:00 PM	Avg	82.8	0.01	1.4	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	Avg	83.4	0.00	1.4	A
EB T on [Unnamed Street]: Lane ID 274840					
3:30 PM	1	124.0	0.00	1.0	A
3:30 PM	2	131.0	0.00	1.3	A
3:30 PM	3	128.0	0.00	1.2	A
3:30 PM	4	128.0	0.00	1.1	A
3:30 PM	5	130.0	0.00	1.1	A
3:30 PM	6	122.0	0.00	1.3	A
3:30 PM	7	127.0	0.00	1.3	A
3:30 PM	8	128.0	0.00	1.2	A
3:30 PM	9	126.0	0.00	1.3	A
3:30 PM	10	127.0	0.10	1.4	A
3:45 PM	1	137.0	0.00	1.2	A
3:45 PM	2	136.0	0.00	1.3	A
3:45 PM	3	137.0	0.00	1.2	A
3:45 PM	4	138.0	0.00	1.1	A
3:45 PM	5	132.0	0.00	1.0	A
3:45 PM	6	139.0	0.00	1.2	A
3:45 PM	7	131.0	0.00	1.1	A
3:45 PM	8	134.0	0.00	1.1	A
3:45 PM	9	133.0	0.10	1.4	A
3:45 PM	10	135.0	0.00	1.3	A
4:00 PM	1	134.0	0.00	1.3	A
4:00 PM	2	129.0	0.00	1.0	A
4:00 PM	3	133.0	0.00	1.1	A
4:00 PM	4	133.0	0.00	1.1	A
4:00 PM	5	136.0	0.00	1.3	A
4:00 PM	6	132.0	0.00	1.2	A
4:00 PM	7	136.0	0.00	1.1	A
4:00 PM	8	133.0	0.00	1.2	A
4:00 PM	9	137.0	0.00	1.1	A
4:00 PM	10	137.0	0.00	1.1	A
4:15 PM	1	132.0	0.00	1.3	A
4:15 PM	2	137.0	0.10	1.3	A
4:15 PM	3	133.0	0.00	1.0	A
4:15 PM	4	135.0	0.00	1.0	A
4:15 PM	5	137.0	0.00	1.0	A
4:15 PM	6	138.0	0.10	1.3	A
4:15 PM	7	138.0	0.00	1.1	A
4:15 PM	8	137.0	0.00	1.2	A
4:15 PM	9	131.0	0.00	1.3	A
4:15 PM	10	135.0	0.00	1.3	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
3:30 PM	Avg	127.1	0.01	1.2	A
3:45 PM	Avg	135.2	0.01	1.2	A
4:00 PM	Avg	134.0	0.00	1.1	A
4:15 PM	Avg	135.3	0.02	1.2	A
NEB T on [Unnamed Street]: Lane ID 274828					
3:30 PM	1	73.0	0.10	4.0	A
3:30 PM	2	70.0	0.10	3.9	A
3:30 PM	3	73.0	0.10	4.4	A
3:30 PM	4	70.0	0.10	3.7	A
3:30 PM	5	71.0	0.10	4.1	A
3:30 PM	6	72.0	0.10	3.6	A
3:30 PM	7	70.0	0.10	4.8	A
3:30 PM	8	71.0	0.10	5.0	A
3:30 PM	9	72.0	0.10	4.3	A
3:30 PM	10	72.0	0.10	4.1	A
3:45 PM	1	73.0	0.10	4.4	A
3:45 PM	2	75.0	0.10	3.9	A
3:45 PM	3	72.0	0.10	3.2	A
3:45 PM	4	73.0	0.10	3.7	A
3:45 PM	5	73.0	0.10	4.0	A
3:45 PM	6	71.0	0.10	3.9	A
3:45 PM	7	75.0	0.10	3.7	A
3:45 PM	8	74.0	0.10	3.8	A
3:45 PM	9	75.0	0.10	3.9	A
3:45 PM	10	72.0	0.10	4.3	A
4:00 PM	1	72.0	0.10	3.7	A
4:00 PM	2	70.0	0.10	4.1	A
4:00 PM	3	72.0	0.10	4.9	A
4:00 PM	4	72.0	0.10	4.0	A
4:00 PM	5	73.0	0.10	4.2	A
4:00 PM	6	74.0	0.10	4.2	A
4:00 PM	7	72.0	0.10	4.2	A
4:00 PM	8	73.0	0.10	4.1	A
4:00 PM	9	72.0	0.10	4.1	A
4:00 PM	10	73.0	0.10	4.1	A
4:15 PM	1	74.0	0.10	5.1	A
4:15 PM	2	73.0	0.10	4.9	A
4:15 PM	3	72.0	0.10	4.2	A
4:15 PM	4	73.0	0.10	3.8	A
4:15 PM	5	71.0	0.10	4.5	A
4:15 PM	6	72.0	0.10	4.2	A
4:15 PM	7	73.0	0.10	3.9	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	8	72.0	0.10	4.2	A
4:15 PM	9	72.0	0.10	4.5	A
4:15 PM	10	71.0	0.10	5.0	A
3:30 PM	Avg	71.4	0.10	4.2	A
3:45 PM	Avg	73.3	0.10	3.9	A
4:00 PM	Avg	72.3	0.10	4.2	A
4:15 PM	Avg	72.3	0.10	4.4	A
SWB T on [Unnamed Street]: Lane ID 274820					
3:30 PM	1	102.0	0.10	3.5	A
3:30 PM	2	102.0	0.10	4.0	A
3:30 PM	3	99.0	0.10	4.1	A
3:30 PM	4	101.0	0.10	3.4	A
3:30 PM	5	99.0	0.10	4.2	A
3:30 PM	6	101.0	0.10	3.6	A
3:30 PM	7	100.0	0.10	4.6	A
3:30 PM	8	104.0	0.10	3.7	A
3:30 PM	9	101.0	0.10	4.2	A
3:30 PM	10	99.0	0.10	4.1	A
3:45 PM	1	99.0	0.10	3.3	A
3:45 PM	2	101.0	0.10	4.8	A
3:45 PM	3	101.0	0.10	4.5	A
3:45 PM	4	100.0	0.10	3.2	A
3:45 PM	5	100.0	0.10	3.7	A
3:45 PM	6	100.0	0.10	4.2	A
3:45 PM	7	103.0	0.10	4.0	A
3:45 PM	8	98.0	0.10	3.5	A
3:45 PM	9	100.0	0.10	4.7	A
3:45 PM	10	101.0	0.10	4.8	A
4:00 PM	1	101.0	0.10	4.2	A
4:00 PM	2	99.0	0.10	3.3	A
4:00 PM	3	99.0	0.10	4.5	A
4:00 PM	4	100.0	0.10	4.1	A
4:00 PM	5	100.0	0.10	4.1	A
4:00 PM	6	99.0	0.10	3.1	A
4:00 PM	7	97.0	0.10	4.8	A
4:00 PM	8	101.0	0.10	5.0	A
4:00 PM	9	100.0	0.10	4.0	A
4:00 PM	10	102.0	0.10	3.8	A
4:15 PM	1	99.0	0.10	3.2	A
4:15 PM	2	102.0	0.10	5.0	A
4:15 PM	3	102.0	0.10	5.0	A
4:15 PM	4	98.0	0.10	4.1	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	5	101.0	0.10	2.9	A
4:15 PM	6	100.0	0.10	3.5	A
4:15 PM	7	98.0	0.10	5.1	A
4:15 PM	8	100.0	0.10	4.5	A
4:15 PM	9	98.0	0.10	3.9	A
4:15 PM	10	99.0	0.10	3.6	A
3:30 PM	Avg	100.8	0.10	3.9	A
3:45 PM	Avg	100.3	0.10	4.1	A
4:00 PM	Avg	99.8	0.10	4.1	A
4:15 PM	Avg	99.7	0.10	4.1	A
WB T on [Unnamed Street]: Lane ID 274826					
3:30 PM	1	147.0	0.10	2.7	A
3:30 PM	2	145.0	0.10	2.4	A
3:30 PM	3	147.0	0.10	2.9	A
3:30 PM	4	149.0	0.10	2.7	A
3:30 PM	5	146.0	0.10	3.4	A
3:30 PM	6	148.0	0.10	2.5	A
3:30 PM	7	147.0	0.10	3.1	A
3:30 PM	8	145.0	0.10	3.1	A
3:30 PM	9	150.0	0.10	3.1	A
3:30 PM	10	147.0	0.10	3.2	A
3:45 PM	1	144.0	0.10	3.3	A
3:45 PM	2	148.0	0.10	3.3	A
3:45 PM	3	149.0	0.10	3.0	A
3:45 PM	4	146.0	0.10	3.2	A
3:45 PM	5	147.0	0.10	2.9	A
3:45 PM	6	146.0	0.10	3.4	A
3:45 PM	7	145.0	0.10	3.4	A
3:45 PM	8	148.0	0.10	3.1	A
3:45 PM	9	147.0	0.10	3.2	A
3:45 PM	10	145.0	0.10	3.6	A
4:00 PM	1	151.0	0.10	3.5	A
4:00 PM	2	149.0	0.10	3.0	A
4:00 PM	3	146.0	0.10	3.5	A
4:00 PM	4	147.0	0.10	3.0	A
4:00 PM	5	148.0	0.10	2.9	A
4:00 PM	6	149.0	0.10	3.3	A
4:00 PM	7	150.0	0.20	3.8	A
4:00 PM	8	148.0	0.10	3.3	A
4:00 PM	9	146.0	0.10	3.5	A
4:00 PM	10	147.0	0.10	3.4	A
4:15 PM	1	147.0	0.10	3.5	A

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4:15 PM	2	148.0	0.10	3.6	A
4:15 PM	3	148.0	0.10	3.1	A
4:15 PM	4	148.0	0.10	3.1	A
4:15 PM	5	148.0	0.10	2.9	A
4:15 PM	6	150.0	0.10	2.8	A
4:15 PM	7	149.0	0.20	3.9	A
4:15 PM	8	147.0	0.10	2.8	A
4:15 PM	9	151.0	0.10	2.6	A
4:15 PM	10	151.0	0.10	3.2	A
3:30 PM	Avg	147.1	0.10	2.9	A
3:45 PM	Avg	146.5	0.10	3.2	A
4:00 PM	Avg	148.1	0.11	3.3	A
4:15 PM	Avg	148.7	0.11	3.1	A

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Roundabout Level of Service by Lane - Total Control Delay

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street]: Lane ID 274823					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.1	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB T on [Unnamed Street]: Lane ID 274840					
3:30 PM	0.0	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.1	10
NEB T on [Unnamed Street]: Lane ID 274828					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
SWB T on [Unnamed Street]: Lane ID 274820					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.1	10
4:15 PM	0.1	0.0	0.1	0.1	10
WB T on [Unnamed Street]: Lane ID 274826					
3:30 PM	0.1	0.0	0.1	0.1	10
3:45 PM	0.1	0.0	0.1	0.1	10
4:00 PM	0.1	0.0	0.1	0.2	10
4:15 PM	0.1	0.0	0.1	0.2	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Roundabout Level of Service by Lane - Avg Control Delay

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 -- ROUNDABOUT NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street]: Lane ID 274823					
3:30 PM	1.3	0.2	1.1	1.8	10
3:45 PM	1.3	0.3	0.9	1.6	10
4:00 PM	1.4	0.4	0.9	2.2	10
4:15 PM	1.4	0.2	1.0	1.7	10
EB T on [Unnamed Street]: Lane ID 274840					
3:30 PM	1.2	0.1	1.0	1.4	10
3:45 PM	1.2	0.1	1.0	1.4	10
4:00 PM	1.1	0.1	1.0	1.3	10
4:15 PM	1.2	0.2	1.0	1.3	10
NEB T on [Unnamed Street]: Lane ID 274828					
3:30 PM	4.2	0.5	3.6	5.0	10
3:45 PM	3.9	0.3	3.2	4.4	10
4:00 PM	4.2	0.3	3.7	4.9	10
4:15 PM	4.4	0.4	3.8	5.1	10
SWB T on [Unnamed Street]: Lane ID 274820					
3:30 PM	3.9	0.4	3.4	4.6	10
3:45 PM	4.1	0.6	3.2	4.8	10
4:00 PM	4.1	0.6	3.1	5.0	10
4:15 PM	4.1	0.8	2.9	5.1	10
WB T on [Unnamed Street]: Lane ID 274826					
3:30 PM	2.9	0.3	2.4	3.4	10
3:45 PM	3.2	0.2	2.9	3.6	10
4:00 PM	3.3	0.3	2.9	3.8	10
4:15 PM	3.1	0.4	2.6	3.9	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Overview

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB T on [Unnamed Street] - Lane ID 274823							
3:30 PM	1	30.0	5.3	0.2	37.7	2.0	13.3%
3:30 PM	2	30.0	1.7	0.1	16.9	1.0	10.0%
3:30 PM	3	30.0	0.6	0.0	0.0	0.0	3.3%
3:30 PM	4	30.0	2.9	0.2	18.4	1.0	13.3%
3:30 PM	5	30.0	3.6	0.2	20.6	1.0	16.7%
3:30 PM	6	30.0	1.1	0.1	8.3	0.5	6.7%
3:30 PM	7	30.0	1.1	0.1	8.9	0.5	6.7%
3:30 PM	8	30.0	2.0	0.1	8.4	0.5	6.7%
3:30 PM	9	30.0	2.3	0.1	16.6	1.0	10.0%
3:30 PM	10	30.0	3.3	0.2	18.2	1.0	13.3%
3:45 PM	1	30.0	1.8	0.1	14.3	1.0	10.0%
3:45 PM	2	30.0	2.5	0.1	7.5	0.5	6.7%
3:45 PM	3	30.0	1.6	0.1	14.4	1.0	10.0%
3:45 PM	4	30.0	1.1	0.1	8.9	0.5	6.7%
3:45 PM	5	30.0	4.3	0.2	19.7	1.0	20.0%
3:45 PM	6	30.0	4.9	0.2	33.5	1.0	13.3%
3:45 PM	7	30.0	3.5	0.2	20.1	1.0	16.7%
3:45 PM	8	30.0	2.9	0.1	22.0	1.0	13.3%
3:45 PM	9	30.0	2.7	0.1	25.4	1.0	10.0%
3:45 PM	10	30.0	1.2	0.1	9.3	0.5	6.7%
4:00 PM	1	30.0	3.3	0.1	21.6	1.0	10.0%
4:00 PM	2	30.0	2.3	0.1	17.7	1.0	10.0%
4:00 PM	3	30.0	3.3	0.1	18.7	0.5	6.7%
4:00 PM	4	30.0	0.8	0.0	0.0	0.0	3.3%
4:00 PM	5	30.0	2.7	0.1	20.2	1.0	13.3%
4:00 PM	6	30.0	1.8	0.1	17.0	1.0	10.0%
4:00 PM	7	30.0	4.1	0.2	23.9	1.0	16.7%
4:00 PM	8	30.0	1.6	0.1	13.3	1.0	10.0%
4:00 PM	9	30.0	0.6	0.0	0.0	0.0	3.3%
4:00 PM	10	30.0	1.2	0.1	9.3	0.5	6.7%
4:15 PM	1	29.0	3.1	0.2	18.5	1.0	17.2%
4:15 PM	2	29.0	1.8	0.1	15.2	1.0	10.3%
4:15 PM	3	29.0	4.1	0.1	23.7	1.0	10.3%
4:15 PM	4	29.0	1.1	0.1	7.9	0.6	6.9%
4:15 PM	5	29.0	0.0	0.0	0.0	0.0	0.0%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	6	29.0	3.5	0.1	31.4	1.0	10.3%
4:15 PM	7	29.0	1.3	0.1	0.0	0.0	3.4%
4:15 PM	8	29.0	2.0	0.1	17.1	1.0	10.3%
4:15 PM	9	29.0	1.1	0.1	9.3	0.6	6.9%
4:15 PM	10	29.0	3.9	0.1	15.9	1.0	10.3%
3:30 PM	Avg	30.0	2.4	0.1	15.4	0.9	10.0%
3:45 PM	Avg	30.0	2.7	0.1	17.5	0.9	11.3%
4:00 PM	Avg	30.0	2.2	0.1	14.2	0.7	9.0%
4:15 PM	Avg	29.0	2.2	0.1	13.9	0.7	8.6%
EB T on [Unnamed Street] - Lane ID 274840							
3:30 PM	1	30.0	4.7	0.2	32.1	1.5	16.7%
3:30 PM	2	30.0	2.4	0.1	18.7	1.0	13.3%
3:30 PM	3	30.0	1.7	0.1	8.2	0.5	6.7%
3:30 PM	4	30.0	4.5	0.2	22.1	1.0	20.0%
3:30 PM	5	30.0	1.1	0.1	0.0	0.0	3.3%
3:30 PM	6	30.0	3.8	0.2	27.5	1.0	13.3%
3:30 PM	7	30.0	4.9	0.3	20.7	1.0	23.3%
3:30 PM	8	30.0	6.0	0.3	31.6	1.0	20.0%
3:30 PM	9	30.0	1.7	0.1	15.8	1.0	10.0%
3:30 PM	10	30.0	4.9	0.3	20.1	1.0	23.3%
3:45 PM	1	30.0	7.1	0.3	33.7	1.5	26.7%
3:45 PM	2	30.0	3.8	0.1	19.5	1.0	13.3%
3:45 PM	3	30.0	2.5	0.1	17.6	1.0	10.0%
3:45 PM	4	30.0	1.4	0.1	8.5	0.5	6.7%
3:45 PM	5	30.0	4.2	0.2	21.4	1.0	23.3%
3:45 PM	6	30.0	5.5	0.2	31.7	1.0	20.0%
3:45 PM	7	30.0	2.5	0.1	20.3	1.0	13.3%
3:45 PM	8	30.0	4.0	0.2	29.9	1.5	13.3%
3:45 PM	9	30.0	4.2	0.2	20.3	1.0	16.7%
3:45 PM	10	30.0	2.1	0.1	17.2	1.0	10.0%
4:00 PM	1	30.0	4.0	0.2	26.4	1.0	16.7%
4:00 PM	2	30.0	3.8	0.2	18.9	1.0	16.7%
4:00 PM	3	30.0	3.7	0.2	19.2	1.0	16.7%
4:00 PM	4	30.0	0.0	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	1.9	0.1	17.2	1.0	10.0%
4:00 PM	6	30.0	2.3	0.1	17.0	1.0	10.0%
4:00 PM	7	30.0	2.7	0.1	24.4	1.0	10.0%
4:00 PM	8	30.0	1.1	0.1	8.3	0.5	6.7%
4:00 PM	9	30.0	5.1	0.2	24.2	1.0	16.7%
4:00 PM	10	30.0	1.3	0.1	9.8	0.5	6.7%
4:15 PM	1	29.0	2.1	0.1	19.2	1.0	10.3%
4:15 PM	2	29.0	2.2	0.1	14.8	0.6	6.9%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	3	29.0	1.8	0.1	11.4	0.6	6.9%
4:15 PM	4	29.0	1.2	0.1	9.8	0.6	6.9%
4:15 PM	5	29.0	1.5	0.1	10.4	0.6	6.9%
4:15 PM	6	29.0	6.0	0.2	29.3	1.0	20.7%
4:15 PM	7	29.0	1.4	0.1	11.3	0.6	6.9%
4:15 PM	8	29.0	3.0	0.1	20.6	1.0	13.8%
4:15 PM	9	29.0	2.1	0.1	17.4	1.0	10.3%
4:15 PM	10	29.0	5.6	0.2	36.1	1.6	17.2%
3:30 PM	Avg	30.0	3.6	0.2	19.7	0.9	15.0%
3:45 PM	Avg	30.0	3.7	0.2	22.0	1.1	15.3%
4:00 PM	Avg	30.0	2.6	0.1	16.5	0.8	11.0%
4:15 PM	Avg	29.0	2.7	0.1	18.0	0.9	10.7%
NEB T on [Unnamed Street] - Lane ID 274828							
3:30 PM	1	30.0	4.9	0.3	17.8	1.0	30.0%
3:30 PM	2	30.0	7.2	0.3	19.3	1.0	33.3%
3:30 PM	3	30.0	5.9	0.4	18.2	1.0	36.7%
3:30 PM	4	30.0	6.7	0.2	32.2	1.0	23.3%
3:30 PM	5	30.0	6.8	0.3	25.7	1.0	33.3%
3:30 PM	6	30.0	3.5	0.2	17.4	1.0	20.0%
3:30 PM	7	30.0	9.4	0.4	28.5	1.0	40.0%
3:30 PM	8	30.0	7.9	0.4	19.5	1.0	36.7%
3:30 PM	9	30.0	5.1	0.3	18.6	1.0	30.0%
3:30 PM	10	30.0	6.3	0.3	21.7	1.0	33.3%
3:45 PM	1	30.0	7.5	0.4	19.6	1.0	43.3%
3:45 PM	2	30.0	3.8	0.2	17.6	1.0	23.3%
3:45 PM	3	30.0	6.2	0.3	23.8	1.0	33.3%
3:45 PM	4	30.0	4.2	0.3	16.9	1.0	26.7%
3:45 PM	5	30.0	7.0	0.3	34.5	1.0	30.0%
3:45 PM	6	30.0	4.8	0.3	20.6	1.0	26.7%
3:45 PM	7	30.0	4.7	0.3	17.4	1.0	26.7%
3:45 PM	8	30.0	4.7	0.3	18.5	1.0	26.7%
3:45 PM	9	30.0	4.6	0.3	18.3	1.0	26.7%
3:45 PM	10	30.0	8.0	0.4	24.4	1.0	43.3%
4:00 PM	1	30.0	4.9	0.3	18.8	1.0	26.7%
4:00 PM	2	30.0	6.8	0.3	24.8	1.0	33.3%
4:00 PM	3	30.0	6.6	0.4	19.5	1.0	36.7%
4:00 PM	4	30.0	8.9	0.5	24.6	1.0	46.7%
4:00 PM	5	30.0	7.3	0.4	19.0	1.0	43.3%
4:00 PM	6	30.0	7.3	0.4	22.8	1.0	40.0%
4:00 PM	7	30.0	3.3	0.2	17.4	1.0	23.3%
4:00 PM	8	30.0	4.8	0.3	19.5	1.0	26.7%
4:00 PM	9	30.0	6.9	0.4	21.7	1.0	40.0%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	10	30.0	6.6	0.2	28.5	1.0	23.3%
4:15 PM	1	29.0	8.9	0.5	21.0	1.0	48.3%
4:15 PM	2	29.0	7.5	0.3	18.7	1.0	34.5%
4:15 PM	3	29.0	5.7	0.3	21.6	1.0	31.0%
4:15 PM	4	29.0	7.4	0.4	21.0	1.0	37.9%
4:15 PM	5	29.0	7.3	0.4	19.2	1.0	41.4%
4:15 PM	6	29.0	4.2	0.2	20.4	1.0	20.7%
4:15 PM	7	29.0	2.9	0.2	18.4	1.0	17.2%
4:15 PM	8	29.0	10.9	0.5	31.3	1.0	51.7%
4:15 PM	9	29.0	8.3	0.4	26.1	1.0	44.8%
4:15 PM	10	29.0	5.7	0.3	20.7	1.0	31.0%
3:30 PM	Avg	30.0	6.4	0.3	21.9	1.0	31.7%
3:45 PM	Avg	30.0	5.6	0.3	21.2	1.0	30.7%
4:00 PM	Avg	30.0	6.3	0.3	21.7	1.0	34.0%
4:15 PM	Avg	29.0	6.9	0.4	21.8	1.0	35.9%
SWB T on [Unnamed Street] - Lane ID 274820							
3:30 PM	1	30.0	6.8	0.3	39.1	2.0	20.0%
3:30 PM	2	30.0	7.7	0.4	40.8	2.0	30.0%
3:30 PM	3	30.0	11.0	0.5	49.1	2.0	33.3%
3:30 PM	4	30.0	9.2	0.4	41.5	1.5	33.3%
3:30 PM	5	30.0	8.6	0.4	44.5	2.0	26.7%
3:30 PM	6	30.0	13.5	0.6	45.0	2.0	46.7%
3:30 PM	7	30.0	7.4	0.3	39.6	1.5	26.7%
3:30 PM	8	30.0	5.5	0.2	33.0	1.0	23.3%
3:30 PM	9	30.0	10.1	0.4	43.2	1.5	36.7%
3:30 PM	10	30.0	12.0	0.6	44.5	2.0	36.7%
3:45 PM	1	30.0	6.9	0.4	34.9	1.5	30.0%
3:45 PM	2	30.0	13.1	0.6	47.6	2.0	36.7%
3:45 PM	3	30.0	8.2	0.4	44.1	2.0	23.3%
3:45 PM	4	30.0	4.4	0.2	19.0	1.0	23.3%
3:45 PM	5	30.0	7.9	0.4	33.4	1.0	33.3%
3:45 PM	6	30.0	6.1	0.3	28.7	1.0	23.3%
3:45 PM	7	30.0	12.3	0.6	41.1	2.0	36.7%
3:45 PM	8	30.0	9.5	0.5	34.9	1.5	40.0%
3:45 PM	9	30.0	8.7	0.4	42.2	2.0	30.0%
3:45 PM	10	30.0	9.9	0.5	44.8	2.0	36.7%
4:00 PM	1	30.0	10.3	0.5	35.1	1.5	43.3%
4:00 PM	2	30.0	7.5	0.4	40.6	2.0	26.7%
4:00 PM	3	30.0	9.1	0.4	36.8	1.5	36.7%
4:00 PM	4	30.0	6.3	0.3	39.9	2.0	20.0%
4:00 PM	5	30.0	8.6	0.4	39.8	1.5	30.0%
4:00 PM	6	30.0	3.7	0.2	17.3	1.0	16.7%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	7	30.0	9.2	0.5	32.2	1.5	43.3%
4:00 PM	8	30.0	12.1	0.6	47.1	2.0	36.7%
4:00 PM	9	30.0	11.8	0.6	41.9	2.0	36.7%
4:00 PM	10	30.0	7.8	0.4	41.6	2.0	30.0%
4:15 PM	1	29.0	5.9	0.3	26.0	1.0	20.7%
4:15 PM	2	29.0	10.6	0.5	45.6	2.0	41.4%
4:15 PM	3	29.0	11.0	0.4	45.6	2.0	34.5%
4:15 PM	4	29.0	7.1	0.3	39.0	1.0	27.6%
4:15 PM	5	29.0	7.6	0.3	33.2	1.0	31.0%
4:15 PM	6	29.0	11.3	0.5	46.3	2.0	34.5%
4:15 PM	7	29.0	8.0	0.4	38.5	1.6	31.0%
4:15 PM	8	29.0	13.1	0.7	44.1	2.0	44.8%
4:15 PM	9	29.0	11.7	0.5	47.1	2.0	31.0%
4:15 PM	10	29.0	9.7	0.4	44.9	2.0	27.6%
3:30 PM	Avg	30.0	9.2	0.4	42.0	1.8	31.3%
3:45 PM	Avg	30.0	8.7	0.4	37.1	1.6	31.3%
4:00 PM	Avg	30.0	8.6	0.4	37.2	1.7	32.0%
4:15 PM	Avg	29.0	9.6	0.4	41.0	1.7	32.4%
WB T on [Unnamed Street] - Lane ID 274826							
3:30 PM	1	30.0	6.2	0.3	26.6	1.0	30.0%
3:30 PM	2	30.0	7.7	0.4	28.8	1.0	36.7%
3:30 PM	3	30.0	8.9	0.4	36.6	1.0	40.0%
3:30 PM	4	30.0	9.0	0.4	35.0	1.0	36.7%
3:30 PM	5	30.0	10.9	0.5	35.7	1.0	46.7%
3:30 PM	6	30.0	9.5	0.4	32.1	1.0	40.0%
3:30 PM	7	30.0	6.6	0.4	19.8	1.0	36.7%
3:30 PM	8	30.0	16.4	0.7	52.1	1.0	63.3%
3:30 PM	9	30.0	9.7	0.4	33.8	1.0	33.3%
3:30 PM	10	30.0	14.1	0.6	54.2	1.5	50.0%
3:45 PM	1	30.0	13.4	0.5	45.5	1.0	50.0%
3:45 PM	2	30.0	15.3	0.6	46.0	1.0	53.3%
3:45 PM	3	30.0	14.6	0.7	38.9	1.5	60.0%
3:45 PM	4	30.0	11.5	0.5	36.1	1.0	46.7%
3:45 PM	5	30.0	12.6	0.5	48.7	1.0	43.3%
3:45 PM	6	30.0	13.2	0.6	45.4	2.0	43.3%
3:45 PM	7	30.0	16.5	0.6	53.5	1.0	56.7%
3:45 PM	8	30.0	12.3	0.5	38.9	1.5	46.7%
3:45 PM	9	30.0	13.8	0.6	41.6	1.5	53.3%
3:45 PM	10	30.0	12.6	0.6	29.2	1.0	56.7%
4:00 PM	1	30.0	12.6	0.5	41.2	1.5	46.7%
4:00 PM	2	30.0	9.0	0.4	36.9	1.0	36.7%
4:00 PM	3	30.0	11.6	0.6	36.6	1.5	53.3%

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 NODE: 8

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	4	30.0	11.6	0.6	38.5	2.0	46.7%
4:00 PM	5	30.0	10.6	0.5	32.0	1.0	46.7%
4:00 PM	6	30.0	16.1	0.6	40.4	1.0	63.3%
4:00 PM	7	30.0	15.8	0.6	54.4	2.0	46.7%
4:00 PM	8	30.0	16.0	0.7	39.9	1.0	63.3%
4:00 PM	9	30.0	8.6	0.5	32.7	1.5	40.0%
4:00 PM	10	30.0	12.6	0.6	36.3	1.0	56.7%
4:15 PM	1	29.0	10.2	0.6	31.3	1.6	48.3%
4:15 PM	2	29.0	13.9	0.7	40.4	2.0	51.7%
4:15 PM	3	29.0	14.2	0.7	39.6	1.6	58.6%
4:15 PM	4	29.0	10.0	0.5	30.4	1.0	48.3%
4:15 PM	5	29.0	10.9	0.5	31.1	1.0	51.7%
4:15 PM	6	29.0	7.5	0.4	27.4	1.0	34.5%
4:15 PM	7	29.0	17.7	0.8	42.7	2.0	62.1%
4:15 PM	8	29.0	6.4	0.3	25.0	1.0	31.0%
4:15 PM	9	29.0	12.1	0.6	35.9	1.0	55.2%
4:15 PM	10	29.0	13.3	0.6	36.9	1.6	55.2%
3:30 PM	Avg	30.0	9.9	0.5	35.5	1.1	41.3%
3:45 PM	Avg	30.0	13.6	0.6	42.4	1.3	51.0%
4:00 PM	Avg	30.0	12.5	0.6	38.9	1.4	50.0%
4:15 PM	Avg	29.0	11.6	0.6	34.1	1.4	49.7%

GREAT LAKES BLVD NW & LAKE AVE NW NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on LAKE AVE NW - Lane ID 262156							
3:30 PM	1	30.0	3.3	0.2	17.0	1.0	0.0%
3:30 PM	2	30.0	3.0	0.1	23.7	1.0	0.0%
3:30 PM	3	30.0	3.5	0.2	17.7	1.0	0.0%
3:30 PM	4	30.0	5.5	0.3	18.2	1.0	0.0%
3:30 PM	5	30.0	4.6	0.3	16.2	1.0	0.0%
3:30 PM	6	30.0	4.4	0.3	17.1	1.0	0.0%
3:30 PM	7	30.0	3.9	0.2	17.5	1.0	0.0%
3:30 PM	8	30.0	2.8	0.2	17.1	1.0	0.0%
3:30 PM	9	30.0	5.6	0.3	26.5	1.0	0.0%
3:30 PM	10	30.0	4.7	0.3	19.0	1.0	0.0%
3:45 PM	1	30.0	3.5	0.2	17.7	1.0	0.0%
3:45 PM	2	30.0	5.9	0.4	16.9	1.0	0.0%
3:45 PM	3	30.0	4.5	0.3	17.5	1.0	0.0%
3:45 PM	4	30.0	6.4	0.3	31.7	1.0	0.0%
3:45 PM	5	30.0	2.9	0.2	17.7	1.0	0.0%
3:45 PM	6	30.0	5.1	0.3	20.4	1.0	0.0%
3:45 PM	7	30.0	5.2	0.3	17.0	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	8	30.0	4.6	0.3	17.3	1.0	0.0%
3:45 PM	9	30.0	4.4	0.3	17.7	1.0	0.0%
3:45 PM	10	30.0	5.2	0.3	17.7	1.0	0.0%
4:00 PM	1	30.0	3.1	0.2	16.0	1.0	0.0%
4:00 PM	2	30.0	4.7	0.3	17.5	1.0	0.0%
4:00 PM	3	30.0	6.1	0.4	19.4	1.0	0.0%
4:00 PM	4	30.0	4.6	0.3	20.4	1.0	0.0%
4:00 PM	5	30.0	4.6	0.3	18.6	1.0	0.0%
4:00 PM	6	30.0	5.0	0.2	29.9	1.0	0.0%
4:00 PM	7	30.0	7.0	0.4	17.9	1.0	0.0%
4:00 PM	8	30.0	4.1	0.2	34.3	1.5	0.0%
4:00 PM	9	30.0	1.2	0.1	9.0	0.5	0.0%
4:00 PM	10	30.0	4.8	0.3	20.1	1.0	0.0%
4:15 PM	1	29.0	9.8	0.3	73.0	1.0	0.0%
4:15 PM	2	29.0	6.0	0.4	18.9	1.0	0.0%
4:15 PM	3	29.0	3.4	0.2	16.4	1.0	0.0%
4:15 PM	4	29.0	3.1	0.2	16.5	1.0	0.0%
4:15 PM	5	29.0	4.1	0.2	18.1	1.0	0.0%
4:15 PM	6	29.0	6.7	0.4	19.9	1.0	0.0%
4:15 PM	7	29.0	4.0	0.2	16.7	1.0	0.0%
4:15 PM	8	29.0	4.9	0.3	15.7	1.0	0.0%
4:15 PM	9	29.0	3.3	0.2	15.9	1.0	0.0%
4:15 PM	10	29.0	6.0	0.3	24.5	1.0	0.0%
3:30 PM	Avg	30.0	4.1	0.2	19.0	1.0	0.0%
3:45 PM	Avg	30.0	4.8	0.3	19.2	1.0	0.0%
4:00 PM	Avg	30.0	4.5	0.3	20.3	1.0	0.0%
4:15 PM	Avg	29.0	5.1	0.3	23.6	1.0	0.0%
EB T on LAKE AVE NW - Lane ID 262157							
3:30 PM	1	30.0	14.5	0.8	42.8	2.0	0.0%
3:30 PM	2	30.0	19.1	0.9	59.8	2.5	0.0%
3:30 PM	3	30.0	19.7	1.0	61.3	2.5	0.0%
3:30 PM	4	30.0	17.2	0.9	45.1	2.0	0.0%
3:30 PM	5	30.0	21.2	1.0	61.5	2.5	0.0%
3:30 PM	6	30.0	21.1	1.1	57.0	2.5	0.0%
3:30 PM	7	30.0	15.3	0.8	46.0	2.0	0.0%
3:30 PM	8	30.0	17.3	0.8	65.5	2.5	0.0%
3:30 PM	9	30.0	19.2	0.9	68.2	2.5	0.0%
3:30 PM	10	30.0	14.2	0.7	51.5	2.0	0.0%
3:45 PM	1	30.0	13.3	0.6	46.1	2.0	0.0%
3:45 PM	2	30.0	16.4	0.8	47.6	2.0	0.0%
3:45 PM	3	30.0	16.4	0.7	65.8	2.5	0.0%
3:45 PM	4	30.0	22.6	1.1	60.8	2.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	5	30.0	21.4	1.0	67.4	2.5	0.0%
3:45 PM	6	30.0	16.9	0.7	59.6	2.0	0.0%
3:45 PM	7	30.0	11.7	0.6	42.2	2.0	0.0%
3:45 PM	8	30.0	21.7	1.0	49.1	2.0	0.0%
3:45 PM	9	30.0	22.7	1.0	75.2	3.0	0.0%
3:45 PM	10	30.0	12.9	0.7	45.8	2.0	0.0%
4:00 PM	1	30.0	14.0	0.7	45.8	2.0	0.0%
4:00 PM	2	30.0	11.7	0.6	46.9	2.0	0.0%
4:00 PM	3	30.0	17.3	0.8	47.3	2.0	0.0%
4:00 PM	4	30.0	14.7	0.8	45.3	2.0	0.0%
4:00 PM	5	30.0	22.6	1.0	60.2	2.5	0.0%
4:00 PM	6	30.0	11.5	0.6	44.6	2.0	0.0%
4:00 PM	7	30.0	13.9	0.7	46.2	2.0	0.0%
4:00 PM	8	30.0	20.3	0.9	77.4	2.0	0.0%
4:00 PM	9	30.0	23.5	0.9	72.5	2.5	0.0%
4:00 PM	10	30.0	18.8	0.9	69.7	3.0	0.0%
4:15 PM	1	29.0	17.3	0.8	49.9	2.0	0.0%
4:15 PM	2	29.0	26.3	1.2	67.8	3.0	0.0%
4:15 PM	3	29.0	24.9	0.9	78.4	2.6	0.0%
4:15 PM	4	29.0	19.4	0.8	60.1	2.0	0.0%
4:15 PM	5	29.0	19.3	0.9	59.9	2.0	0.0%
4:15 PM	6	29.0	17.4	0.8	51.1	2.0	0.0%
4:15 PM	7	29.0	23.0	1.0	71.5	3.0	0.0%
4:15 PM	8	29.0	16.3	0.8	45.8	2.0	0.0%
4:15 PM	9	29.0	18.4	0.9	66.2	3.0	0.0%
4:15 PM	10	29.0	16.0	0.8	48.2	2.0	0.0%
3:30 PM	Avg	30.0	17.9	0.9	55.9	2.3	0.0%
3:45 PM	Avg	30.0	17.6	0.8	56.0	2.3	0.0%
4:00 PM	Avg	30.0	16.8	0.8	55.6	2.2	0.0%
4:15 PM	Avg	29.0	19.8	0.9	59.9	2.4	0.0%
EB TR on LAKE AVE NW - Lane ID 274837							
3:30 PM	1	30.0	37.2	1.5	115.9	4.0	0.0%
3:30 PM	2	30.0	44.4	1.8	104.5	4.0	0.0%
3:30 PM	3	30.0	40.7	1.8	103.4	4.0	0.0%
3:30 PM	4	30.0	28.7	1.2	91.9	3.5	0.0%
3:30 PM	5	30.0	66.6	2.5	132.2	5.0	0.0%
3:30 PM	6	30.0	41.4	1.8	111.7	4.0	0.0%
3:30 PM	7	30.0	57.2	2.0	209.9	4.5	0.0%
3:30 PM	8	30.0	33.3	1.4	100.3	4.1	0.0%
3:30 PM	9	30.0	34.0	1.5	105.3	4.0	0.0%
3:30 PM	10	30.0	40.4	1.6	98.9	4.0	0.0%
3:45 PM	1	30.0	43.1	1.7	119.4	4.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:45 PM	2	30.0	34.2	1.4	104.0	4.0	0.0%
3:45 PM	3	30.0	31.9	1.3	92.6	3.5	0.0%
3:45 PM	4	30.0	41.1	1.7	100.7	4.0	0.0%
3:45 PM	5	30.0	42.4	1.7	131.7	5.0	0.0%
3:45 PM	6	30.0	26.2	1.2	100.7	4.0	0.0%
3:45 PM	7	30.0	40.2	1.7	115.1	4.5	0.0%
3:45 PM	8	30.0	41.0	1.7	118.7	4.0	0.0%
3:45 PM	9	30.0	34.8	1.4	112.4	4.5	0.0%
3:45 PM	10	30.0	23.5	1.0	103.3	4.0	0.0%
4:00 PM	1	30.0	38.7	1.6	119.2	4.5	0.0%
4:00 PM	2	30.0	32.3	1.4	104.4	4.1	0.0%
4:00 PM	3	30.0	36.5	1.6	103.2	4.0	0.0%
4:00 PM	4	30.0	33.0	1.5	78.6	3.5	0.0%
4:00 PM	5	30.0	53.3	2.0	115.3	4.5	0.0%
4:00 PM	6	30.0	45.1	1.7	126.1	5.0	0.0%
4:00 PM	7	30.0	27.8	1.2	97.6	3.5	0.0%
4:00 PM	8	30.0	48.4	1.9	155.1	5.0	0.0%
4:00 PM	9	30.0	52.7	2.0	156.2	5.5	0.0%
4:00 PM	10	30.0	44.6	1.7	126.2	5.0	0.0%
4:15 PM	1	29.0	36.3	1.4	97.0	4.0	0.0%
4:15 PM	2	29.0	48.6	2.0	150.4	5.0	0.0%
4:15 PM	3	29.0	35.5	1.4	119.5	5.0	0.0%
4:15 PM	4	29.0	42.9	1.7	147.9	5.0	0.0%
4:15 PM	5	29.0	34.1	1.5	104.3	4.6	0.0%
4:15 PM	6	29.0	46.0	1.7	103.3	4.0	0.0%
4:15 PM	7	29.0	38.1	1.7	102.2	4.0	0.0%
4:15 PM	8	29.0	53.2	1.9	153.1	4.6	0.0%
4:15 PM	9	29.0	46.7	1.9	127.9	4.6	0.0%
4:15 PM	10	29.0	28.6	1.3	87.4	3.6	0.0%
3:30 PM	Avg	30.0	42.4	1.7	117.4	4.1	0.0%
3:45 PM	Avg	30.0	35.8	1.5	109.9	4.2	0.0%
4:00 PM	Avg	30.0	41.2	1.7	118.2	4.5	0.0%
4:15 PM	Avg	29.0	41.0	1.7	119.3	4.4	0.0%

NWB L on GREAT LAKES BLVD NW - Lane ID 262214

3:30 PM	1	30.0	5.4	0.3	16.8	1.0	0.0%
3:30 PM	2	30.0	6.0	0.3	33.0	1.5	0.0%
3:30 PM	3	30.0	2.6	0.2	16.4	1.0	0.0%
3:30 PM	4	30.0	6.7	0.4	17.9	1.0	0.0%
3:30 PM	5	30.0	2.3	0.1	17.3	1.0	0.0%
3:30 PM	6	30.0	2.9	0.2	18.4	1.0	0.0%
3:30 PM	7	30.0	1.7	0.1	16.5	1.0	0.0%
3:30 PM	8	30.0	3.3	0.2	17.4	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	9	30.0	2.2	0.1	16.3	1.0	0.0%
3:30 PM	10	30.0	2.8	0.2	17.3	1.0	0.0%
3:45 PM	1	30.0	1.7	0.1	16.5	1.0	0.0%
3:45 PM	2	30.0	4.0	0.2	19.1	1.0	0.0%
3:45 PM	3	30.0	3.2	0.2	16.8	1.0	0.0%
3:45 PM	4	30.0	0.5	0.0	0.0	0.0	0.0%
3:45 PM	5	30.0	4.4	0.3	17.6	1.0	0.0%
3:45 PM	6	30.0	1.9	0.1	15.7	1.0	0.0%
3:45 PM	7	30.0	1.7	0.1	16.6	1.0	0.0%
3:45 PM	8	30.0	4.0	0.2	18.1	1.0	0.0%
3:45 PM	9	30.0	5.1	0.3	17.9	1.0	0.0%
3:45 PM	10	30.0	2.3	0.1	16.5	1.0	0.0%
4:00 PM	1	30.0	2.1	0.1	16.8	1.0	0.0%
4:00 PM	2	30.0	3.7	0.2	16.2	1.0	0.0%
4:00 PM	3	30.0	1.7	0.1	17.1	1.0	0.0%
4:00 PM	4	30.0	4.9	0.3	20.2	1.0	0.0%
4:00 PM	5	30.0	2.2	0.1	17.7	1.0	0.0%
4:00 PM	6	30.0	1.7	0.1	17.0	1.0	0.0%
4:00 PM	7	30.0	2.5	0.1	18.9	1.0	0.0%
4:00 PM	8	30.0	2.5	0.1	19.1	1.0	0.0%
4:00 PM	9	30.0	5.5	0.3	21.1	1.0	0.0%
4:00 PM	10	30.0	3.3	0.2	19.2	1.0	0.0%
4:15 PM	1	29.0	3.4	0.2	18.9	1.0	0.0%
4:15 PM	2	29.0	3.4	0.2	16.7	1.0	0.0%
4:15 PM	3	29.0	1.1	0.1	9.7	0.6	0.0%
4:15 PM	4	29.0	0.0	0.0	0.0	0.0	0.0%
4:15 PM	5	29.0	1.7	0.1	15.2	1.0	0.0%
4:15 PM	6	29.0	2.8	0.2	16.3	1.0	0.0%
4:15 PM	7	29.0	2.6	0.2	14.7	1.0	0.0%
4:15 PM	8	29.0	1.2	0.1	10.1	0.6	0.0%
4:15 PM	9	29.0	3.0	0.2	17.7	1.0	0.0%
4:15 PM	10	29.0	4.2	0.2	17.6	1.0	0.0%
3:30 PM	Avg	30.0	3.6	0.2	18.7	1.1	0.0%
3:45 PM	Avg	30.0	2.9	0.2	15.5	0.9	0.0%
4:00 PM	Avg	30.0	3.0	0.2	18.3	1.0	0.0%
4:15 PM	Avg	29.0	2.3	0.2	13.7	0.8	0.0%

NWB T on GREAT LAKES BLVD NW - Lane ID 262215

3:30 PM	1	30.0	37.4	1.5	112.3	4.0	0.0%
3:30 PM	2	30.0	40.2	1.7	110.1	4.5	0.0%
3:30 PM	3	30.0	38.2	1.3	123.9	4.5	0.0%
3:30 PM	4	30.0	32.0	1.3	125.1	4.5	0.0%
3:30 PM	5	30.0	27.4	1.2	144.3	6.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	6	30.0	30.3	1.1	119.0	4.0	0.0%
3:30 PM	7	30.0	40.5	1.7	128.3	5.0	0.0%
3:30 PM	8	30.0	28.2	1.2	104.3	4.0	0.0%
3:30 PM	9	30.0	47.1	1.9	135.8	5.0	0.0%
3:30 PM	10	30.0	36.0	1.2	119.8	4.0	0.0%
3:45 PM	1	30.0	64.9	2.5	191.0	6.5	0.0%
3:45 PM	2	30.0	40.1	1.7	130.0	4.5	0.0%
3:45 PM	3	30.0	53.2	2.0	144.1	5.5	0.0%
3:45 PM	4	30.0	35.6	1.6	104.6	4.5	0.0%
3:45 PM	5	30.0	56.0	2.2	161.2	6.5	0.0%
3:45 PM	6	30.0	48.2	1.9	141.8	5.0	0.0%
3:45 PM	7	30.0	40.3	1.7	116.3	4.5	0.0%
3:45 PM	8	30.0	33.0	1.3	105.1	4.0	0.0%
3:45 PM	9	30.0	56.9	2.2	139.8	5.5	0.0%
3:45 PM	10	30.0	38.9	1.6	99.0	4.0	0.0%
4:00 PM	1	30.0	42.1	1.8	146.1	5.5	0.0%
4:00 PM	2	30.0	47.5	1.9	122.1	4.5	0.0%
4:00 PM	3	30.0	41.5	1.6	139.3	5.0	0.0%
4:00 PM	4	30.0	35.5	1.5	120.6	5.0	0.0%
4:00 PM	5	30.0	41.5	1.7	131.6	4.5	0.0%
4:00 PM	6	30.0	37.2	1.5	107.5	4.0	0.0%
4:00 PM	7	30.0	40.9	1.7	133.7	5.5	0.0%
4:00 PM	8	30.0	38.5	1.4	155.5	5.0	0.0%
4:00 PM	9	30.0	31.5	1.3	119.2	5.0	0.0%
4:00 PM	10	30.0	45.6	1.8	139.1	5.0	0.0%
4:15 PM	1	29.0	48.1	1.9	132.6	5.0	0.0%
4:15 PM	2	29.0	42.7	1.8	131.2	5.0	0.0%
4:15 PM	3	29.0	39.3	1.6	121.0	4.6	0.0%
4:15 PM	4	29.0	31.1	1.3	105.4	4.0	0.0%
4:15 PM	5	29.0	33.6	1.5	101.0	4.0	0.0%
4:15 PM	6	29.0	61.8	2.4	141.2	5.6	0.0%
4:15 PM	7	29.0	30.6	1.3	109.8	4.0	0.0%
4:15 PM	8	29.0	46.2	1.9	139.6	5.6	0.0%
4:15 PM	9	29.0	34.5	1.4	109.5	4.0	0.0%
4:15 PM	10	29.0	53.4	2.0	165.6	6.0	0.0%
3:30 PM	Avg	30.0	35.7	1.4	122.3	4.6	0.0%
3:45 PM	Avg	30.0	46.7	1.9	133.3	5.1	0.0%
4:00 PM	Avg	30.0	40.2	1.6	131.5	4.9	0.0%
4:15 PM	Avg	29.0	42.1	1.7	125.7	4.8	0.0%

NWB TR on GREAT LAKES BLVD NW - Lane ID 262216

3:30 PM	1	30.0	38.9	1.5	161.8	6.0	0.0%
3:30 PM	2	30.0	57.9	2.1	214.2	7.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW

NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	3	30.0	39.6	1.5	153.2	6.0	0.0%
3:30 PM	4	30.0	41.6	1.6	142.9	5.5	0.0%
3:30 PM	5	30.0	52.8	2.1	191.9	7.5	0.0%
3:30 PM	6	30.0	42.1	1.5	154.4	5.6	0.0%
3:30 PM	7	30.0	54.3	2.1	207.8	7.1	0.0%
3:30 PM	8	30.0	42.3	1.6	149.0	5.5	0.0%
3:30 PM	9	30.0	67.3	2.7	164.3	7.0	0.0%
3:30 PM	10	30.0	51.1	2.0	216.3	8.1	0.0%
3:45 PM	1	30.0	73.7	2.8	163.8	6.0	0.0%
3:45 PM	2	30.0	45.2	1.7	158.5	5.5	0.0%
3:45 PM	3	30.0	60.5	2.2	195.6	7.1	0.0%
3:45 PM	4	30.0	67.1	2.3	246.2	7.0	0.0%
3:45 PM	5	30.0	86.6	3.3	233.7	8.5	0.0%
3:45 PM	6	30.0	58.9	2.2	177.8	6.0	0.0%
3:45 PM	7	30.0	52.5	2.1	144.4	5.0	0.0%
3:45 PM	8	30.0	54.9	2.1	164.3	6.5	0.0%
3:45 PM	9	30.0	82.3	3.2	175.0	7.0	0.0%
3:45 PM	10	30.0	51.5	2.0	163.0	6.0	0.0%
4:00 PM	1	30.0	51.3	2.1	153.5	6.0	0.0%
4:00 PM	2	30.0	57.6	2.3	148.4	5.5	0.0%
4:00 PM	3	30.0	62.5	2.3	177.1	6.5	0.0%
4:00 PM	4	30.0	52.1	2.0	180.3	6.0	0.0%
4:00 PM	5	30.0	48.7	1.9	180.8	6.5	0.0%
4:00 PM	6	30.0	39.8	1.6	158.2	6.0	0.0%
4:00 PM	7	30.0	49.3	1.9	166.0	6.0	0.0%
4:00 PM	8	30.0	53.0	2.0	155.8	6.0	0.0%
4:00 PM	9	30.0	35.5	1.4	129.5	5.0	0.0%
4:00 PM	10	30.0	53.7	1.8	138.6	5.0	0.0%
4:15 PM	1	29.0	50.6	2.1	183.0	7.6	0.0%
4:15 PM	2	29.0	51.4	1.7	199.9	5.0	0.0%
4:15 PM	3	29.0	56.3	2.2	145.4	5.6	0.0%
4:15 PM	4	29.0	51.5	2.0	155.5	6.0	0.0%
4:15 PM	5	29.0	52.3	2.0	158.7	6.0	0.0%
4:15 PM	6	29.0	86.8	3.1	233.7	7.6	0.0%
4:15 PM	7	29.0	43.9	1.8	143.8	5.6	0.0%
4:15 PM	8	29.0	60.1	2.4	212.8	7.8	0.0%
4:15 PM	9	29.0	63.2	2.4	197.0	7.0	0.0%
4:15 PM	10	29.0	52.4	1.9	193.0	7.0	0.0%
3:30 PM	Avg	30.0	48.8	1.9	175.6	6.6	0.0%
3:45 PM	Avg	30.0	63.3	2.4	182.2	6.5	0.0%
4:00 PM	Avg	30.0	50.4	1.9	158.8	5.9	0.0%
4:15 PM	Avg	29.0	56.9	2.2	182.3	6.5	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SB L on GREAT LAKES BLVD NW - Lane ID 262207							
3:30 PM	1	30.0	34.7	1.4	136.6	5.1	0.0%
3:30 PM	2	30.0	34.5	1.4	122.8	4.5	0.0%
3:30 PM	3	30.0	30.8	1.2	142.9	5.1	0.0%
3:30 PM	4	30.0	26.6	1.2	69.0	3.0	0.0%
3:30 PM	5	30.0	25.1	1.1	95.2	3.5	0.0%
3:30 PM	6	30.0	44.9	1.9	149.9	6.0	0.0%
3:30 PM	7	30.0	21.5	0.9	101.3	4.0	0.0%
3:30 PM	8	30.0	46.8	1.8	154.4	5.0	0.0%
3:30 PM	9	30.0	30.6	1.3	118.7	4.5	0.0%
3:30 PM	10	30.0	33.0	1.4	168.2	6.5	0.0%
3:45 PM	1	30.0	32.3	1.4	79.9	3.5	0.0%
3:45 PM	2	30.0	72.6	3.0	187.2	8.0	0.0%
3:45 PM	3	30.0	44.8	1.8	119.8	5.0	0.0%
3:45 PM	4	30.0	31.6	1.3	114.5	4.5	0.0%
3:45 PM	5	30.0	45.6	1.8	139.6	5.5	0.0%
3:45 PM	6	30.0	40.4	1.7	121.4	4.5	0.0%
3:45 PM	7	30.0	37.4	1.7	132.3	5.5	0.0%
3:45 PM	8	30.0	50.7	1.9	132.7	5.0	0.0%
3:45 PM	9	30.0	48.3	1.7	157.9	5.5	0.0%
3:45 PM	10	30.0	93.7	3.5	242.6	8.5	0.0%
4:00 PM	1	30.0	57.4	2.3	187.5	7.0	0.0%
4:00 PM	2	30.0	42.4	1.7	124.5	4.5	0.0%
4:00 PM	3	30.0	32.5	1.3	125.4	4.5	0.0%
4:00 PM	4	30.0	60.1	2.3	137.5	5.0	0.0%
4:00 PM	5	30.0	50.2	2.1	111.2	4.5	0.0%
4:00 PM	6	30.0	45.9	2.0	174.7	7.0	0.0%
4:00 PM	7	30.0	58.2	2.2	197.9	7.0	0.0%
4:00 PM	8	30.0	102.2	4.0	254.8	10.0	0.0%
4:00 PM	9	30.0	54.0	2.0	134.4	5.0	0.0%
4:00 PM	10	30.0	35.8	1.5	131.2	5.0	0.0%
4:15 PM	1	29.0	27.2	1.2	73.9	3.0	0.0%
4:15 PM	2	29.0	63.8	2.7	159.6	6.0	0.0%
4:15 PM	3	29.0	74.9	2.8	195.7	6.0	0.0%
4:15 PM	4	29.0	58.0	2.3	135.5	5.0	0.0%
4:15 PM	5	29.0	49.9	2.0	135.1	5.6	0.0%
4:15 PM	6	29.0	39.5	1.7	119.8	4.6	0.0%
4:15 PM	7	29.0	72.8	2.7	173.5	6.0	0.0%
4:15 PM	8	29.0	56.1	2.1	173.7	6.6	0.0%
4:15 PM	9	29.0	52.8	2.1	185.8	7.0	0.0%
4:15 PM	10	29.0	37.9	1.7	154.6	6.0	0.0%
3:30 PM	Avg	30.0	32.9	1.4	125.9	4.7	0.0%
3:45 PM	Avg	30.0	49.7	2.0	142.8	5.6	0.0%
4:00 PM	Avg	30.0	53.9	2.1	157.9	6.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	Avg	29.0	53.3	2.1	150.7	5.6	0.0%
SB T on GREAT LAKES BLVD NW - Lane ID 262208							
3:30 PM	1	30.0	12.6	0.4	102.4	3.1	0.0%
3:30 PM	2	30.0	17.4	0.8	93.8	3.6	0.0%
3:30 PM	3	30.0	25.7	1.0	136.6	5.0	0.0%
3:30 PM	4	30.0	15.4	0.6	88.6	3.5	0.0%
3:30 PM	5	30.0	16.2	0.6	97.5	3.5	0.0%
3:30 PM	6	30.0	11.1	0.5	80.8	3.5	0.0%
3:30 PM	7	30.0	10.9	0.4	88.7	3.5	0.0%
3:30 PM	8	30.0	16.7	0.7	68.9	3.0	0.0%
3:30 PM	9	30.0	22.2	0.9	126.6	5.1	0.0%
3:30 PM	10	30.0	16.7	0.8	93.8	4.0	0.0%
3:45 PM	1	30.0	32.3	1.3	143.4	5.1	0.0%
3:45 PM	2	30.0	43.9	1.7	189.8	7.0	0.0%
3:45 PM	3	30.0	29.8	1.2	124.6	4.5	0.0%
3:45 PM	4	30.0	27.7	1.2	127.3	5.0	0.0%
3:45 PM	5	30.0	15.5	0.6	56.8	2.0	0.0%
3:45 PM	6	30.0	16.7	0.7	95.4	3.5	0.0%
3:45 PM	7	30.0	28.9	1.0	117.8	3.5	0.0%
3:45 PM	8	30.0	20.8	0.9	102.7	4.1	0.0%
3:45 PM	9	30.0	14.0	0.7	55.3	2.5	0.0%
3:45 PM	10	30.0	35.4	1.5	110.1	4.0	0.0%
4:00 PM	1	30.0	21.5	0.9	91.1	3.5	0.0%
4:00 PM	2	30.0	24.7	1.0	98.0	4.0	0.0%
4:00 PM	3	30.0	20.1	0.7	125.2	4.5	0.0%
4:00 PM	4	30.0	27.5	1.1	114.6	4.5	0.0%
4:00 PM	5	30.0	26.4	1.1	111.3	4.5	0.0%
4:00 PM	6	30.0	26.8	1.1	125.4	5.1	0.0%
4:00 PM	7	30.0	11.3	0.6	45.5	2.0	0.0%
4:00 PM	8	30.0	18.8	0.8	125.7	5.0	0.0%
4:00 PM	9	30.0	27.9	1.1	89.3	3.5	0.0%
4:00 PM	10	30.0	32.6	1.3	133.3	5.0	0.0%
4:15 PM	1	29.0	44.2	1.7	205.5	7.2	0.0%
4:15 PM	2	29.0	32.1	1.3	117.1	4.6	0.0%
4:15 PM	3	29.0	45.9	1.8	160.3	6.0	0.0%
4:15 PM	4	29.0	29.9	1.3	99.8	4.0	0.0%
4:15 PM	5	29.0	23.3	0.9	134.5	4.2	0.0%
4:15 PM	6	29.0	15.6	0.7	87.3	3.2	0.0%
4:15 PM	7	29.0	11.3	0.5	68.0	2.6	0.0%
4:15 PM	8	29.0	13.9	0.7	68.9	3.0	0.0%
4:15 PM	9	29.0	14.6	0.6	74.2	2.6	0.0%
4:15 PM	10	29.0	25.3	0.9	136.5	4.6	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
3:30 PM	Avg	30.0	16.5	0.7	97.8	3.8	0.0%
3:45 PM	Avg	30.0	26.5	1.1	112.3	4.1	0.0%
4:00 PM	Avg	30.0	23.8	1.0	105.9	4.2	0.0%
4:15 PM	Avg	29.0	25.6	1.0	115.2	4.2	0.0%
SB TR on GREAT LAKES BLVD NW - Lane ID 262209							
3:30 PM	1	30.0	18.7	0.7	150.7	5.5	0.0%
3:30 PM	2	30.0	20.4	0.9	107.3	4.0	0.0%
3:30 PM	3	30.0	25.8	1.1	128.0	5.5	0.0%
3:30 PM	4	30.0	17.4	0.7	97.2	4.1	0.0%
3:30 PM	5	30.0	18.0	0.8	72.2	3.0	0.0%
3:30 PM	6	30.0	10.3	0.4	63.0	2.5	0.0%
3:30 PM	7	30.0	7.8	0.3	56.2	2.5	0.0%
3:30 PM	8	30.0	21.1	0.8	127.3	4.2	0.0%
3:30 PM	9	30.0	15.2	0.6	122.6	4.5	0.0%
3:30 PM	10	30.0	18.7	0.7	109.9	4.1	0.0%
3:45 PM	1	30.0	34.3	1.3	139.7	5.2	0.0%
3:45 PM	2	30.0	39.1	1.7	142.0	5.5	0.0%
3:45 PM	3	30.0	24.6	0.9	98.3	4.0	0.0%
3:45 PM	4	30.0	40.0	1.7	238.8	9.1	0.0%
3:45 PM	5	30.0	21.6	0.9	128.8	5.0	0.0%
3:45 PM	6	30.0	21.9	0.8	95.3	3.5	0.0%
3:45 PM	7	30.0	33.1	1.3	163.7	6.1	0.0%
3:45 PM	8	30.0	31.1	1.3	110.0	4.0	0.0%
3:45 PM	9	30.0	21.1	0.9	102.1	4.0	0.0%
3:45 PM	10	30.0	48.9	1.8	177.2	6.1	0.0%
4:00 PM	1	30.0	22.0	0.8	80.9	3.5	0.0%
4:00 PM	2	30.0	22.2	0.9	76.5	3.0	0.0%
4:00 PM	3	30.0	21.2	0.8	101.7	4.0	0.0%
4:00 PM	4	30.0	42.0	1.6	123.2	4.5	0.0%
4:00 PM	5	30.0	31.5	1.2	165.4	6.0	0.0%
4:00 PM	6	30.0	21.7	0.8	126.7	4.0	0.0%
4:00 PM	7	30.0	15.2	0.7	84.6	3.5	0.0%
4:00 PM	8	30.0	22.8	0.9	101.1	4.1	0.0%
4:00 PM	9	30.0	29.0	1.3	90.8	4.0	0.0%
4:00 PM	10	30.0	39.8	1.5	179.9	6.5	0.0%
4:15 PM	1	29.0	22.9	1.0	93.0	3.6	0.0%
4:15 PM	2	29.0	21.0	0.9	119.2	4.2	0.0%
4:15 PM	3	29.0	37.2	1.4	164.6	6.0	0.0%
4:15 PM	4	29.0	29.2	1.1	157.5	5.6	0.0%
4:15 PM	5	29.0	28.4	1.2	117.4	4.6	0.0%
4:15 PM	6	29.0	18.7	0.8	96.8	4.0	0.0%
4:15 PM	7	29.0	12.9	0.6	51.9	2.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	8	29.0	25.3	1.0	90.7	3.6	0.0%
4:15 PM	9	29.0	31.6	1.2	144.0	6.0	0.0%
4:15 PM	10	29.0	36.3	1.4	180.2	7.0	0.0%
3:30 PM	Avg	30.0	17.3	0.7	103.4	4.0	0.0%
3:45 PM	Avg	30.0	31.6	1.3	139.6	5.3	0.0%
4:00 PM	Avg	30.0	26.7	1.1	113.1	4.3	0.0%
4:15 PM	Avg	29.0	26.4	1.1	121.5	4.7	0.0%
WB L on LAKE AVE NW - Lane ID 262189							
3:30 PM	1	30.0	29.3	1.3	79.2	3.0	0.0%
3:30 PM	2	30.0	29.8	1.2	84.6	3.0	0.0%
3:30 PM	3	30.0	28.8	1.2	81.0	3.0	0.0%
3:30 PM	4	30.0	34.3	1.5	72.3	3.0	0.0%
3:30 PM	5	30.0	36.7	1.3	103.9	2.5	0.0%
3:30 PM	6	30.0	26.9	1.3	70.8	3.0	0.0%
3:30 PM	7	30.0	42.4	1.9	85.4	3.5	0.0%
3:30 PM	8	30.0	30.7	1.4	77.0	3.5	0.0%
3:30 PM	9	30.0	27.9	1.2	73.8	2.5	0.0%
3:30 PM	10	30.0	35.9	1.5	89.5	3.0	0.0%
3:45 PM	1	30.0	25.4	1.1	64.2	3.0	0.0%
3:45 PM	2	30.0	31.2	1.5	89.2	3.5	0.0%
3:45 PM	3	30.0	29.2	1.3	70.8	3.0	0.0%
3:45 PM	4	30.0	30.8	1.3	76.9	3.0	0.0%
3:45 PM	5	30.0	24.8	1.1	78.2	3.0	0.0%
3:45 PM	6	30.0	38.0	1.4	97.6	4.0	0.0%
3:45 PM	7	30.0	36.3	1.6	101.4	4.0	0.0%
3:45 PM	8	30.0	33.2	1.4	78.1	3.0	0.0%
3:45 PM	9	30.0	22.3	0.9	73.5	2.5	0.0%
3:45 PM	10	30.0	30.5	1.3	84.9	3.0	0.0%
4:00 PM	1	30.0	40.5	1.4	105.2	3.0	0.0%
4:00 PM	2	30.0	38.4	1.4	98.3	3.0	0.0%
4:00 PM	3	30.0	33.2	1.5	74.4	3.0	0.0%
4:00 PM	4	30.0	37.0	1.3	92.1	3.0	0.0%
4:00 PM	5	30.0	30.3	1.2	81.6	3.0	0.0%
4:00 PM	6	30.0	31.5	1.4	80.5	3.0	0.0%
4:00 PM	7	30.0	29.4	1.3	74.3	3.0	0.0%
4:00 PM	8	30.0	29.7	1.3	88.0	3.5	0.0%
4:00 PM	9	30.0	27.2	1.2	75.9	3.0	0.0%
4:00 PM	10	30.0	27.0	1.1	84.2	3.0	0.0%
4:15 PM	1	29.0	35.1	1.4	81.3	3.0	0.0%
4:15 PM	2	29.0	26.1	1.2	74.1	3.0	0.0%
4:15 PM	3	29.0	22.0	0.9	78.3	3.0	0.0%
4:15 PM	4	29.0	40.6	1.6	96.9	3.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	5	29.0	31.4	1.4	86.7	3.6	0.0%
4:15 PM	6	29.0	32.9	1.4	73.3	3.0	0.0%
4:15 PM	7	29.0	42.4	1.7	83.6	3.0	0.0%
4:15 PM	8	29.0	35.6	1.4	92.5	3.0	0.0%
4:15 PM	9	29.0	32.3	1.4	75.1	3.0	0.0%
4:15 PM	10	29.0	38.5	1.6	100.0	3.6	0.0%
3:30 PM	Avg	30.0	32.3	1.4	81.8	3.0	0.0%
3:45 PM	Avg	30.0	30.2	1.3	81.5	3.2	0.0%
4:00 PM	Avg	30.0	32.4	1.3	85.5	3.1	0.0%
4:15 PM	Avg	29.0	33.7	1.4	84.2	3.1	0.0%
WB L on LAKE AVE NW - Lane ID 274852							
3:30 PM	1	30.0	27.6	1.3	67.6	3.0	0.0%
3:30 PM	2	30.0	32.6	1.4	81.4	3.0	0.0%
3:30 PM	3	30.0	31.2	1.3	74.9	3.0	0.0%
3:30 PM	4	30.0	25.3	1.1	78.0	3.0	0.0%
3:30 PM	5	30.0	30.4	1.4	102.1	4.0	3.3%
3:30 PM	6	30.0	26.7	1.3	71.3	3.0	0.0%
3:30 PM	7	30.0	34.4	1.5	88.9	3.5	0.0%
3:30 PM	8	30.0	28.3	1.2	88.5	3.0	0.0%
3:30 PM	9	30.0	26.8	1.2	73.9	3.0	0.0%
3:30 PM	10	30.0	31.0	1.3	66.7	2.5	0.0%
3:45 PM	1	30.0	26.2	1.2	76.7	3.0	0.0%
3:45 PM	2	30.0	31.9	1.3	80.8	3.0	0.0%
3:45 PM	3	30.0	27.9	1.2	71.7	3.0	0.0%
3:45 PM	4	30.0	34.2	1.3	97.3	3.5	0.0%
3:45 PM	5	30.0	30.6	1.3	78.9	3.0	0.0%
3:45 PM	6	30.0	40.8	1.6	102.2	4.0	0.0%
3:45 PM	7	30.0	30.8	1.3	80.5	3.0	0.0%
3:45 PM	8	30.0	22.0	1.1	68.4	3.0	0.0%
3:45 PM	9	30.0	36.5	1.5	90.7	3.0	0.0%
3:45 PM	10	30.0	29.4	1.3	78.5	3.0	0.0%
4:00 PM	1	30.0	32.2	1.4	77.0	3.5	0.0%
4:00 PM	2	30.0	34.1	1.5	84.3	3.5	0.0%
4:00 PM	3	30.0	27.6	1.2	73.9	3.0	0.0%
4:00 PM	4	30.0	29.8	1.3	79.1	3.0	0.0%
4:00 PM	5	30.0	26.7	1.2	91.5	3.5	0.0%
4:00 PM	6	30.0	29.3	1.3	73.4	3.0	0.0%
4:00 PM	7	30.0	30.4	1.3	75.8	3.0	0.0%
4:00 PM	8	30.0	30.9	1.2	89.8	3.0	0.0%
4:00 PM	9	30.0	30.3	1.2	99.4	3.0	0.0%
4:00 PM	10	30.0	33.3	1.4	77.1	3.0	0.0%
4:15 PM	1	29.0	28.7	1.2	76.0	3.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:15 PM	2	29.0	23.4	1.0	66.8	2.6	0.0%
4:15 PM	3	29.0	26.8	1.2	85.4	3.0	0.0%
4:15 PM	4	29.0	44.0	1.8	96.4	3.6	0.0%
4:15 PM	5	29.0	25.3	1.2	77.6	3.0	0.0%
4:15 PM	6	29.0	33.3	1.4	77.2	3.0	0.0%
4:15 PM	7	29.0	37.9	1.5	103.3	4.0	0.0%
4:15 PM	8	29.0	31.7	1.3	81.2	3.0	0.0%
4:15 PM	9	29.0	31.8	1.3	74.7	3.0	0.0%
4:15 PM	10	29.0	39.9	1.8	95.1	4.0	0.0%
3:30 PM	Avg	30.0	29.4	1.3	79.3	3.1	0.3%
3:45 PM	Avg	30.0	31.0	1.3	82.6	3.2	0.0%
4:00 PM	Avg	30.0	30.5	1.3	82.1	3.2	0.0%
4:15 PM	Avg	29.0	32.3	1.4	83.4	3.2	0.0%
WB R on LAKE AVE NW - Lane ID 274809							
3:30 PM	1	30.0	2.4	0.1	16.9	1.0	0.0%
3:30 PM	2	30.0	2.8	0.2	17.4	1.0	0.0%
3:30 PM	3	30.0	2.5	0.2	17.9	1.0	0.0%
3:30 PM	4	30.0	4.5	0.2	20.4	1.0	0.0%
3:30 PM	5	30.0	2.8	0.2	16.8	1.0	0.0%
3:30 PM	6	30.0	2.5	0.1	17.8	1.0	0.0%
3:30 PM	7	30.0	3.9	0.2	18.1	1.0	0.0%
3:30 PM	8	30.0	2.3	0.1	16.6	1.0	0.0%
3:30 PM	9	30.0	2.3	0.1	17.6	1.0	0.0%
3:30 PM	10	30.0	1.2	0.1	8.9	0.5	0.0%
3:45 PM	1	30.0	3.3	0.2	22.3	1.0	0.0%
3:45 PM	2	30.0	5.3	0.2	22.3	1.0	0.0%
3:45 PM	3	30.0	1.1	0.1	8.7	0.5	0.0%
3:45 PM	4	30.0	4.3	0.2	19.3	1.0	0.0%
3:45 PM	5	30.0	4.0	0.2	23.9	1.0	0.0%
3:45 PM	6	30.0	2.3	0.1	17.6	1.0	0.0%
3:45 PM	7	30.0	0.9	0.1	6.2	0.5	0.0%
3:45 PM	8	30.0	4.9	0.3	29.7	1.5	0.0%
3:45 PM	9	30.0	0.0	0.0	0.0	0.0	0.0%
3:45 PM	10	30.0	1.1	0.1	7.3	0.5	0.0%
4:00 PM	1	30.0	3.3	0.2	18.7	1.0	0.0%
4:00 PM	2	30.0	1.9	0.1	14.4	1.0	0.0%
4:00 PM	3	30.0	5.0	0.2	32.0	1.0	0.0%
4:00 PM	4	30.0	0.4	0.0	0.0	0.0	0.0%
4:00 PM	5	30.0	4.5	0.2	22.4	1.0	0.0%
4:00 PM	6	30.0	3.7	0.2	27.3	1.0	0.0%
4:00 PM	7	30.0	1.2	0.1	9.8	0.5	0.0%
4:00 PM	8	30.0	4.4	0.2	18.3	1.0	0.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	9	30.0	2.6	0.1	17.3	1.0	0.0%
4:00 PM	10	30.0	1.7	0.1	16.8	1.0	0.0%
4:15 PM	1	29.0	2.0	0.1	17.6	1.0	0.0%
4:15 PM	2	29.0	3.7	0.2	25.6	1.0	0.0%
4:15 PM	3	29.0	0.5	0.0	0.0	0.0	0.0%
4:15 PM	4	29.0	1.8	0.1	11.7	0.6	0.0%
4:15 PM	5	29.0	1.8	0.1	15.7	1.0	0.0%
4:15 PM	6	29.0	2.2	0.1	15.3	1.0	0.0%
4:15 PM	7	29.0	4.9	0.3	18.8	1.0	0.0%
4:15 PM	8	29.0	1.9	0.1	17.2	1.0	0.0%
4:15 PM	9	29.0	2.5	0.1	21.3	1.0	0.0%
4:15 PM	10	29.0	4.6	0.2	18.7	1.0	0.0%
3:30 PM	Avg	30.0	2.7	0.2	16.8	1.0	0.0%
3:45 PM	Avg	30.0	2.7	0.2	15.7	0.8	0.0%
4:00 PM	Avg	30.0	2.9	0.1	17.7	0.9	0.0%
4:15 PM	Avg	29.0	2.6	0.1	16.2	0.9	0.0%
WB T on LAKE AVE NW - Lane ID 262190							
3:30 PM	1	30.0	39.9	1.7	131.5	5.5	0.0%
3:30 PM	2	30.0	60.3	2.3	195.8	7.0	13.3%
3:30 PM	3	30.0	40.4	1.7	118.5	5.0	0.0%
3:30 PM	4	30.0	43.5	1.8	117.4	4.5	3.3%
3:30 PM	5	30.0	60.5	2.4	170.4	6.0	10.0%
3:30 PM	6	30.0	55.9	2.0	162.9	5.5	6.7%
3:30 PM	7	30.0	51.5	2.1	151.5	5.5	0.0%
3:30 PM	8	30.0	57.0	2.0	185.6	6.0	6.7%
3:30 PM	9	30.0	49.8	1.9	170.1	6.5	10.0%
3:30 PM	10	30.0	38.6	1.5	140.8	5.0	3.3%
3:45 PM	1	30.0	52.4	2.0	155.7	6.0	3.3%
3:45 PM	2	30.0	42.3	1.7	157.5	6.1	6.7%
3:45 PM	3	30.0	44.7	1.8	155.7	6.0	0.0%
3:45 PM	4	30.0	40.3	1.6	144.3	5.5	0.0%
3:45 PM	5	30.0	43.9	1.8	149.1	5.5	6.7%
3:45 PM	6	30.0	50.0	2.1	140.7	6.0	0.0%
3:45 PM	7	30.0	47.6	1.9	156.6	5.5	6.7%
3:45 PM	8	30.0	53.3	2.0	146.1	5.0	3.3%
3:45 PM	9	30.0	40.6	1.6	159.7	5.5	6.7%
3:45 PM	10	30.0	50.1	1.8	145.3	5.5	0.0%
4:00 PM	1	30.0	60.2	2.4	191.1	7.0	13.3%
4:00 PM	2	30.0	42.4	1.7	145.4	5.5	3.3%
4:00 PM	3	30.0	53.6	2.0	191.3	6.5	10.0%
4:00 PM	4	30.0	39.9	1.6	153.4	5.5	6.7%
4:00 PM	5	30.0	65.4	2.6	172.8	6.5	10.0%

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
4:00 PM	6	30.0	41.7	1.8	121.5	5.0	3.3%
4:00 PM	7	30.0	45.2	1.8	151.0	6.0	3.3%
4:00 PM	8	30.0	47.3	1.9	155.8	6.0	6.7%
4:00 PM	9	30.0	68.9	2.6	198.4	7.0	23.3%
4:00 PM	10	30.0	34.7	1.4	124.2	5.0	0.0%
4:15 PM	1	29.0	52.6	2.1	175.0	6.6	13.8%
4:15 PM	2	29.0	42.5	1.6	142.3	5.0	3.4%
4:15 PM	3	29.0	57.2	2.1	188.9	6.6	10.3%
4:15 PM	4	29.0	58.9	2.1	156.1	5.6	3.4%
4:15 PM	5	29.0	49.8	2.1	144.1	5.6	6.9%
4:15 PM	6	29.0	49.0	1.9	175.5	6.6	10.3%
4:15 PM	7	29.0	65.6	2.5	179.7	6.6	17.2%
4:15 PM	8	29.0	37.4	1.5	127.8	4.6	0.0%
4:15 PM	9	29.0	46.0	1.8	158.7	6.0	3.4%
4:15 PM	10	29.0	51.7	2.2	148.8	5.6	6.9%
3:30 PM	Avg	30.0	49.7	1.9	154.5	5.7	5.3%
3:45 PM	Avg	30.0	46.5	1.8	151.1	5.7	3.3%
4:00 PM	Avg	30.0	49.9	2.0	160.5	6.0	8.0%
4:15 PM	Avg	29.0	51.1	2.0	159.7	5.9	7.6%

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Avg Queue

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
3:30 PM	2.4	1.4	0.6	5.3	10
3:45 PM	2.7	1.3	1.1	4.9	10
4:00 PM	2.2	1.2	0.6	4.1	10
4:15 PM	2.2	1.4	0.0	4.1	10
EB T on [Unnamed Street] - Lane ID 274840					
3:30 PM	3.6	1.7	1.1	6.0	10
3:45 PM	3.7	1.7	1.4	7.1	10
4:00 PM	2.6	1.6	0.0	5.1	10
4:15 PM	2.7	1.7	1.2	6.0	10
NEB T on [Unnamed Street] - Lane ID 274828					
3:30 PM	6.4	1.7	3.5	9.4	10
3:45 PM	5.6	1.5	3.8	8.0	10
4:00 PM	6.3	1.6	3.3	8.9	10
4:15 PM	6.9	2.3	2.9	10.9	10
SWB T on [Unnamed Street] - Lane ID 274820					
3:30 PM	9.2	2.5	5.5	13.5	10
3:45 PM	8.7	2.7	4.4	13.1	10
4:00 PM	8.6	2.5	3.7	12.1	10
4:15 PM	9.6	2.3	5.9	13.1	10
WB T on [Unnamed Street] - Lane ID 274826					
3:30 PM	9.9	3.2	6.2	16.4	10
3:45 PM	13.6	1.5	11.5	16.5	10
4:00 PM	12.5	2.8	8.6	16.1	10
4:15 PM	11.6	3.4	6.4	17.7	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	4.1	1.0	2.8	5.6	10
3:45 PM	4.8	1.0	2.9	6.4	10
4:00 PM	4.5	1.6	1.2	7.0	10
4:15 PM	5.1	2.1	3.1	9.8	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
3:30 PM	17.9	2.6	14.2	21.2	10
3:45 PM	17.6	4.2	11.7	22.7	10
4:00 PM	16.8	4.3	11.5	23.5	10
4:15 PM	19.8	3.6	16.0	26.3	10
EB TR on LAKE AVE NW - Lane ID 274837					
3:30 PM	42.4	11.5	28.7	66.6	10
3:45 PM	35.8	6.9	23.5	43.1	10
4:00 PM	41.2	8.9	27.8	53.3	10
4:15 PM	41.0	7.7	28.6	53.2	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	3.6	1.8	1.7	6.7	10
3:45 PM	2.9	1.5	0.5	5.1	10
4:00 PM	3.0	1.3	1.7	5.5	10
4:15 PM	2.3	1.3	0.0	4.2	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	35.7	6.2	27.4	47.1	10
3:45 PM	46.7	10.7	33.0	64.9	10
4:00 PM	40.2	4.7	31.5	47.5	10
4:15 PM	42.1	10.3	30.6	61.8	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	48.8	9.4	38.9	67.3	10
3:45 PM	63.3	13.8	45.2	86.6	10
4:00 PM	50.4	7.9	35.5	62.5	10
4:15 PM	56.9	11.8	43.9	86.8	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	32.9	8.0	21.5	46.8	10
3:45 PM	49.7	19.4	31.6	93.7	10
4:00 PM	53.9	19.4	32.5	102.2	10
4:15 PM	53.3	15.3	27.2	74.9	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	16.5	4.7	10.9	25.7	10
3:45 PM	26.5	9.7	14.0	43.9	10
4:00 PM	23.8	6.0	11.3	32.6	10
4:15 PM	25.6	12.4	11.3	45.9	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	17.3	5.2	7.8	25.8	10
3:45 PM	31.6	9.4	21.1	48.9	10
4:00 PM	26.7	8.7	15.2	42.0	10
4:15 PM	26.4	7.7	12.9	37.2	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	32.3	4.9	26.9	42.4	10
3:45 PM	30.2	5.0	22.3	38.0	10
4:00 PM	32.4	4.7	27.0	40.5	10
4:15 PM	33.7	6.3	22.0	42.4	10
WB L on LAKE AVE NW - Lane ID 274852					
3:30 PM	29.4	2.9	25.3	34.4	10
3:45 PM	31.0	5.3	22.0	40.8	10
4:00 PM	30.5	2.3	26.7	34.1	10
4:15 PM	32.3	6.7	23.4	44.0	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	2.7	0.9	1.2	4.5	10
3:45 PM	2.7	1.9	0.0	5.3	10
4:00 PM	2.9	1.6	0.4	5.0	10
4:15 PM	2.6	1.4	0.5	4.9	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	49.7	8.6	38.6	60.5	10
3:45 PM	46.5	4.8	40.3	53.3	10
4:00 PM	49.9	11.6	34.7	68.9	10
4:15 PM	51.1	8.2	37.4	65.6	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Avg Num Queued

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
3:30 PM	0.1	0.1	0.0	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.0	0.0	0.2	10
EB T on [Unnamed Street] - Lane ID 274840					
3:30 PM	0.2	0.1	0.1	0.3	10
3:45 PM	0.2	0.1	0.1	0.3	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.0	0.1	0.2	10
NEB T on [Unnamed Street] - Lane ID 274828					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.1	0.2	0.5	10
4:15 PM	0.4	0.1	0.2	0.5	10
SWB T on [Unnamed Street] - Lane ID 274820					
3:30 PM	0.4	0.1	0.2	0.6	10
3:45 PM	0.4	0.1	0.2	0.6	10
4:00 PM	0.4	0.1	0.2	0.6	10
4:15 PM	0.4	0.1	0.3	0.7	10
WB T on [Unnamed Street] - Lane ID 274826					
3:30 PM	0.5	0.1	0.3	0.7	10
3:45 PM	0.6	0.1	0.5	0.7	10
4:00 PM	0.6	0.1	0.4	0.7	10
4:15 PM	0.6	0.1	0.3	0.8	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.2	0.1	0.1	0.3	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.1	0.1	0.4	10
4:15 PM	0.3	0.1	0.2	0.4	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
3:30 PM	0.9	0.1	0.7	1.1	10
3:45 PM	0.8	0.2	0.6	1.1	10
4:00 PM	0.8	0.1	0.6	1.0	10
4:15 PM	0.9	0.1	0.8	1.2	10
EB TR on LAKE AVE NW - Lane ID 274837					
3:30 PM	1.7	0.4	1.2	2.5	10
3:45 PM	1.5	0.3	1.0	1.7	10
4:00 PM	1.7	0.3	1.2	2.0	10
4:15 PM	1.7	0.2	1.3	2.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	0.2	0.1	0.1	0.4	10
3:45 PM	0.2	0.1	0.0	0.3	10
4:00 PM	0.2	0.1	0.1	0.3	10
4:15 PM	0.2	0.1	0.0	0.2	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	1.4	0.3	1.1	1.9	10
3:45 PM	1.9	0.4	1.3	2.5	10
4:00 PM	1.6	0.2	1.3	1.9	10
4:15 PM	1.7	0.4	1.3	2.4	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	1.9	0.4	1.5	2.7	10
3:45 PM	2.4	0.5	1.7	3.3	10
4:00 PM	1.9	0.3	1.4	2.3	10
4:15 PM	2.2	0.4	1.7	3.1	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	1.4	0.3	0.9	1.9	10
3:45 PM	2.0	0.7	1.3	3.5	10
4:00 PM	2.1	0.7	1.3	4.0	10
4:15 PM	2.1	0.5	1.2	2.8	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	0.7	0.2	0.4	1.0	10
3:45 PM	1.1	0.4	0.6	1.7	10
4:00 PM	1.0	0.2	0.6	1.3	10
4:15 PM	1.0	0.5	0.5	1.8	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	0.7	0.2	0.3	1.1	10
3:45 PM	1.3	0.4	0.8	1.8	10
4:00 PM	1.1	0.3	0.7	1.6	10
4:15 PM	1.1	0.3	0.6	1.4	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	1.4	0.2	1.2	1.9	10
3:45 PM	1.3	0.2	0.9	1.6	10
4:00 PM	1.3	0.1	1.1	1.5	10
4:15 PM	1.4	0.2	0.9	1.7	10
WB L on LAKE AVE NW - Lane ID 274852					
3:30 PM	1.3	0.1	1.1	1.5	10
3:45 PM	1.3	0.1	1.1	1.6	10
4:00 PM	1.3	0.1	1.2	1.5	10
4:15 PM	1.4	0.3	1.0	1.8	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	0.2	0.1	0.1	0.2	10
3:45 PM	0.2	0.1	0.0	0.3	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.1	0.0	0.3	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	1.9	0.3	1.5	2.4	10
3:45 PM	1.8	0.2	1.6	2.1	10
4:00 PM	2.0	0.4	1.4	2.6	10
4:15 PM	2.0	0.3	1.5	2.5	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Percentile Queue

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
3:30 PM	15.4	10.1	0.0	37.7	10
3:45 PM	17.5	8.2	7.5	33.5	10
4:00 PM	14.2	8.5	0.0	23.9	10
4:15 PM	13.9	9.9	0.0	31.4	10
EB T on [Unnamed Street] - Lane ID 274840					
3:30 PM	19.7	10.0	0.0	32.1	10
3:45 PM	22.0	7.7	8.5	33.7	10
4:00 PM	16.5	8.3	0.0	26.4	10
4:15 PM	18.0	8.7	9.8	36.1	10
NEB T on [Unnamed Street] - Lane ID 274828					
3:30 PM	21.9	5.1	17.4	32.2	10
3:45 PM	21.2	5.4	16.9	34.5	10
4:00 PM	21.7	3.5	17.4	28.5	10
4:15 PM	21.8	4.0	18.4	31.3	10
SWB T on [Unnamed Street] - Lane ID 274820					
3:30 PM	42.0	4.3	33.0	49.1	10
3:45 PM	37.1	8.7	19.0	47.6	10
4:00 PM	37.2	8.1	17.3	47.1	10
4:15 PM	41.0	6.9	26.0	47.1	10
WB T on [Unnamed Street] - Lane ID 274826					
3:30 PM	35.5	10.6	19.8	54.2	10
3:45 PM	42.4	6.9	29.2	53.5	10
4:00 PM	38.9	6.2	32.0	54.4	10
4:15 PM	34.1	5.9	25.0	42.7	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	19.0	3.4	16.2	26.5	10
3:45 PM	19.2	4.5	16.9	31.7	10
4:00 PM	20.3	7.1	9.0	34.3	10
4:15 PM	23.6	17.6	15.7	73.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
3:30 PM	55.9	9.0	42.8	68.2	10
3:45 PM	56.0	11.3	42.2	75.2	10
4:00 PM	55.6	13.1	44.6	77.4	10
4:15 PM	59.9	11.0	45.8	78.4	10
EB TR on LAKE AVE NW - Lane ID 274837					
3:30 PM	117.4	34.3	91.9	209.9	10
3:45 PM	109.9	11.7	92.6	131.7	10
4:00 PM	118.2	24.4	78.6	156.2	10
4:15 PM	119.3	24.2	87.4	153.1	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	18.7	5.1	16.3	33.0	10
3:45 PM	15.5	5.5	0.0	19.1	10
4:00 PM	18.3	1.6	16.2	21.1	10
4:15 PM	13.7	5.7	0.0	18.9	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	122.3	12.0	104.3	144.3	10
3:45 PM	133.3	28.7	99.0	191.0	10
4:00 PM	131.5	14.3	107.5	155.5	10
4:15 PM	125.7	20.2	101.0	165.6	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	175.6	28.9	142.9	216.3	10
3:45 PM	182.2	33.4	144.4	246.2	10
4:00 PM	158.8	17.5	129.5	180.8	10
4:15 PM	182.3	30.4	143.8	233.7	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	125.9	30.6	69.0	168.2	10
3:45 PM	142.8	44.9	79.9	242.6	10
4:00 PM	157.9	44.9	111.2	254.8	10
4:15 PM	150.7	36.1	73.9	195.7	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	97.8	20.2	68.9	136.6	10
3:45 PM	112.3	39.6	55.3	189.8	10
4:00 PM	105.9	26.3	45.5	133.3	10
4:15 PM	115.2	44.8	68.0	205.5	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	103.4	31.1	56.2	150.7	10
3:45 PM	139.6	44.6	95.3	238.8	10
4:00 PM	113.1	35.7	76.5	179.9	10
4:15 PM	121.5	39.9	51.9	180.2	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	81.8	9.9	70.8	103.9	10
3:45 PM	81.5	11.8	64.2	101.4	10
4:00 PM	85.5	10.5	74.3	105.2	10
4:15 PM	84.2	9.6	73.3	100.0	10
WB L on LAKE AVE NW - Lane ID 274852					
3:30 PM	79.3	11.1	66.7	102.1	10
3:45 PM	82.6	10.8	68.4	102.2	10
4:00 PM	82.1	8.8	73.4	99.4	10
4:15 PM	83.4	11.5	66.8	103.3	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	16.8	3.0	8.9	20.4	10
3:45 PM	15.7	9.6	0.0	29.7	10
4:00 PM	17.7	8.9	0.0	32.0	10
4:15 PM	16.2	6.8	0.0	25.6	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	154.5	27.2	117.4	195.8	10
3:45 PM	151.1	6.7	140.7	159.7	10
4:00 PM	160.5	27.3	121.5	198.4	10
4:15 PM	159.7	19.5	127.8	188.9	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Percentile Num Queued

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
3:30 PM	0.9	0.5	0.0	2.0	10
3:45 PM	0.9	0.2	0.5	1.0	10
4:00 PM	0.7	0.4	0.0	1.0	10
4:15 PM	0.7	0.4	0.0	1.0	10
EB T on [Unnamed Street] - Lane ID 274840					
3:30 PM	0.9	0.4	0.0	1.5	10
3:45 PM	1.1	0.3	0.5	1.5	10
4:00 PM	0.8	0.3	0.0	1.0	10
4:15 PM	0.9	0.3	0.6	1.6	10
NEB T on [Unnamed Street] - Lane ID 274828					
3:30 PM	1.0	0.0	1.0	1.0	10
3:45 PM	1.0	0.0	1.0	1.0	10
4:00 PM	1.0	0.0	1.0	1.0	10
4:15 PM	1.0	0.0	1.0	1.0	10
SWB T on [Unnamed Street] - Lane ID 274820					
3:30 PM	1.8	0.4	1.0	2.0	10
3:45 PM	1.6	0.5	1.0	2.0	10
4:00 PM	1.7	0.3	1.0	2.0	10
4:15 PM	1.7	0.5	1.0	2.0	10
WB T on [Unnamed Street] - Lane ID 274826					
3:30 PM	1.1	0.2	1.0	1.5	10
3:45 PM	1.3	0.4	1.0	2.0	10
4:00 PM	1.4	0.4	1.0	2.0	10
4:15 PM	1.4	0.4	1.0	2.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	1.0	0.0	1.0	1.0	10
3:45 PM	1.0	0.0	1.0	1.0	10
4:00 PM	1.0	0.2	0.5	1.5	10
4:15 PM	1.0	0.0	1.0	1.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
3:30 PM	2.3	0.3	2.0	2.5	10
3:45 PM	2.3	0.4	2.0	3.0	10
4:00 PM	2.2	0.3	2.0	3.0	10
4:15 PM	2.4	0.5	2.0	3.0	10
EB TR on LAKE AVE NW - Lane ID 274837					
3:30 PM	4.1	0.4	3.5	5.0	10
3:45 PM	4.2	0.4	3.5	5.0	10
4:00 PM	4.5	0.7	3.5	5.5	10
4:15 PM	4.4	0.5	3.6	5.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	1.1	0.2	1.0	1.5	10
3:45 PM	0.9	0.3	0.0	1.0	10
4:00 PM	1.0	0.0	1.0	1.0	10
4:15 PM	0.8	0.3	0.0	1.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	4.6	0.6	4.0	6.0	10
3:45 PM	5.1	0.9	4.0	6.5	10
4:00 PM	4.9	0.5	4.0	5.5	10
4:15 PM	4.8	0.8	4.0	6.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	6.6	1.0	5.5	8.1	10
3:45 PM	6.5	1.0	5.0	8.5	10
4:00 PM	5.9	0.5	5.0	6.5	10
4:15 PM	6.5	1.0	5.0	7.8	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	4.7	1.1	3.0	6.5	10
3:45 PM	5.6	1.6	3.5	8.5	10
4:00 PM	6.0	1.8	4.5	10.0	10
4:15 PM	5.6	1.1	3.0	7.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	3.8	0.7	3.0	5.1	10
3:45 PM	4.1	1.4	2.0	7.0	10
4:00 PM	4.2	1.0	2.0	5.1	10
4:15 PM	4.2	1.5	2.6	7.2	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	4.0	1.1	2.5	5.5	10
3:45 PM	5.3	1.6	3.5	9.1	10
4:00 PM	4.3	1.1	3.0	6.5	10
4:15 PM	4.7	1.5	2.0	7.0	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	3.0	0.3	2.5	3.5	10
3:45 PM	3.2	0.5	2.5	4.0	10
4:00 PM	3.1	0.2	3.0	3.5	10
4:15 PM	3.1	0.3	3.0	3.6	10
WB L on LAKE AVE NW - Lane ID 274852					
3:30 PM	3.1	0.4	2.5	4.0	10
3:45 PM	3.2	0.3	3.0	4.0	10
4:00 PM	3.2	0.2	3.0	3.5	10
4:15 PM	3.2	0.5	2.6	4.0	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	1.0	0.2	0.5	1.0	10
3:45 PM	0.8	0.4	0.0	1.5	10
4:00 PM	0.9	0.3	0.0	1.0	10
4:15 PM	0.9	0.3	0.0	1.0	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	5.7	0.7	4.5	7.0	10
3:45 PM	5.7	0.4	5.0	6.1	10
4:00 PM	6.0	0.7	5.0	7.0	10
4:15 PM	5.9	0.7	4.6	6.6	10

Project: Alt 5_SR-21 & Lake Ave_Existing Signal + RAB
Scenario: 2048 PM Peak Hour
Run(s): Batch (10 runs)
Simulated: Various
Time: 15:30:00 - 16:30:00
Interval: 15 min
Selection: PRINTT

Lane Queue by Intersection - Spillback Rate

55108, 55110, 55114, 55112, 55107, 55109, 55113 & 55111 — NODE: 8

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB T on [Unnamed Street] - Lane ID 274823					
3:30 PM	0.1	0.0	0.0	0.2	10
3:45 PM	0.1	0.0	0.1	0.2	10
4:00 PM	0.1	0.0	0.0	0.2	10
4:15 PM	0.1	0.0	0.0	0.2	10
EB T on [Unnamed Street] - Lane ID 274840					
3:30 PM	0.1	0.1	0.0	0.2	10
3:45 PM	0.2	0.1	0.1	0.3	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.0	0.1	0.2	10
NEB T on [Unnamed Street] - Lane ID 274828					
3:30 PM	0.3	0.1	0.2	0.4	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.1	0.2	0.5	10
4:15 PM	0.4	0.1	0.2	0.5	10
SWB T on [Unnamed Street] - Lane ID 274820					
3:30 PM	0.3	0.1	0.2	0.5	10
3:45 PM	0.3	0.1	0.2	0.4	10
4:00 PM	0.3	0.1	0.2	0.4	10
4:15 PM	0.3	0.1	0.2	0.4	10
WB T on [Unnamed Street] - Lane ID 274826					
3:30 PM	0.4	0.1	0.3	0.6	10
3:45 PM	0.5	0.1	0.4	0.6	10
4:00 PM	0.5	0.1	0.4	0.6	10
4:15 PM	0.5	0.1	0.3	0.6	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

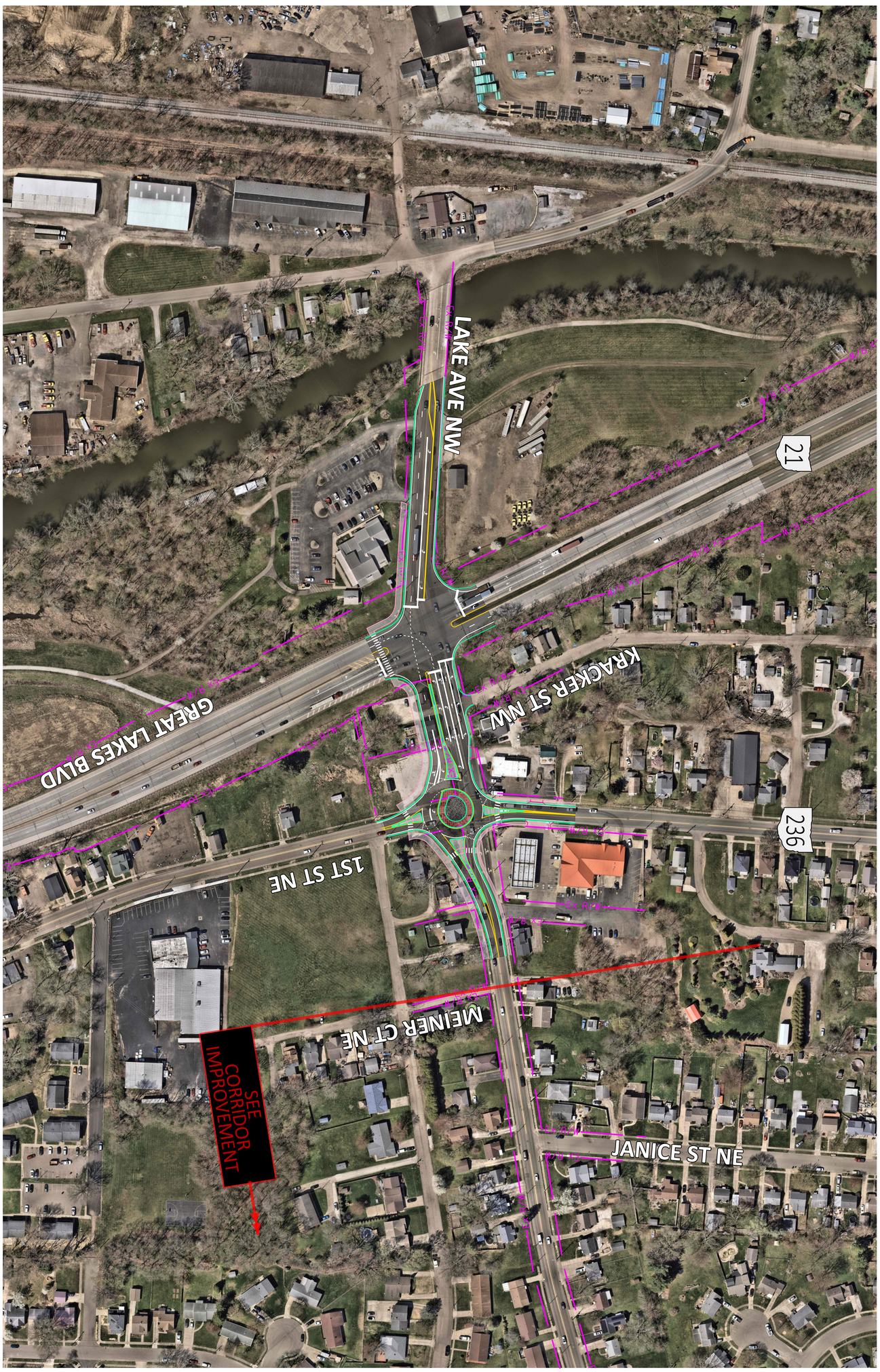
Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
EB L on LAKE AVE NW - Lane ID 262156					
EB T on LAKE AVE NW - Lane ID 262157					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
EB TR on LAKE AVE NW - Lane ID 274837					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB L on GREAT LAKES BLVD NW - Lane ID 262214					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB T on GREAT LAKES BLVD NW - Lane ID 262215					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
NWB TR on GREAT LAKES BLVD NW - Lane ID 262216					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB L on GREAT LAKES BLVD NW - Lane ID 262207					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
SB T on GREAT LAKES BLVD NW - Lane ID 262208					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10

GREAT LAKES BLVD NW & LAKE AVE NW — NODE: 48920

Interval	Average	Standard Deviation	Minimum	Maximum	Number of Samples
SB TR on GREAT LAKES BLVD NW - Lane ID 262209					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 262189					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB L on LAKE AVE NW - Lane ID 274852					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB R on LAKE AVE NW - Lane ID 274809					
3:30 PM	0.0	0.0	0.0	0.0	10
3:45 PM	0.0	0.0	0.0	0.0	10
4:00 PM	0.0	0.0	0.0	0.0	10
4:15 PM	0.0	0.0	0.0	0.0	10
WB T on LAKE AVE NW - Lane ID 262190					
3:30 PM	0.1	0.0	0.0	0.1	10
3:45 PM	0.0	0.0	0.0	0.1	10
4:00 PM	0.1	0.1	0.0	0.2	10
4:15 PM	0.1	0.1	0.0	0.2	10

Attachment E

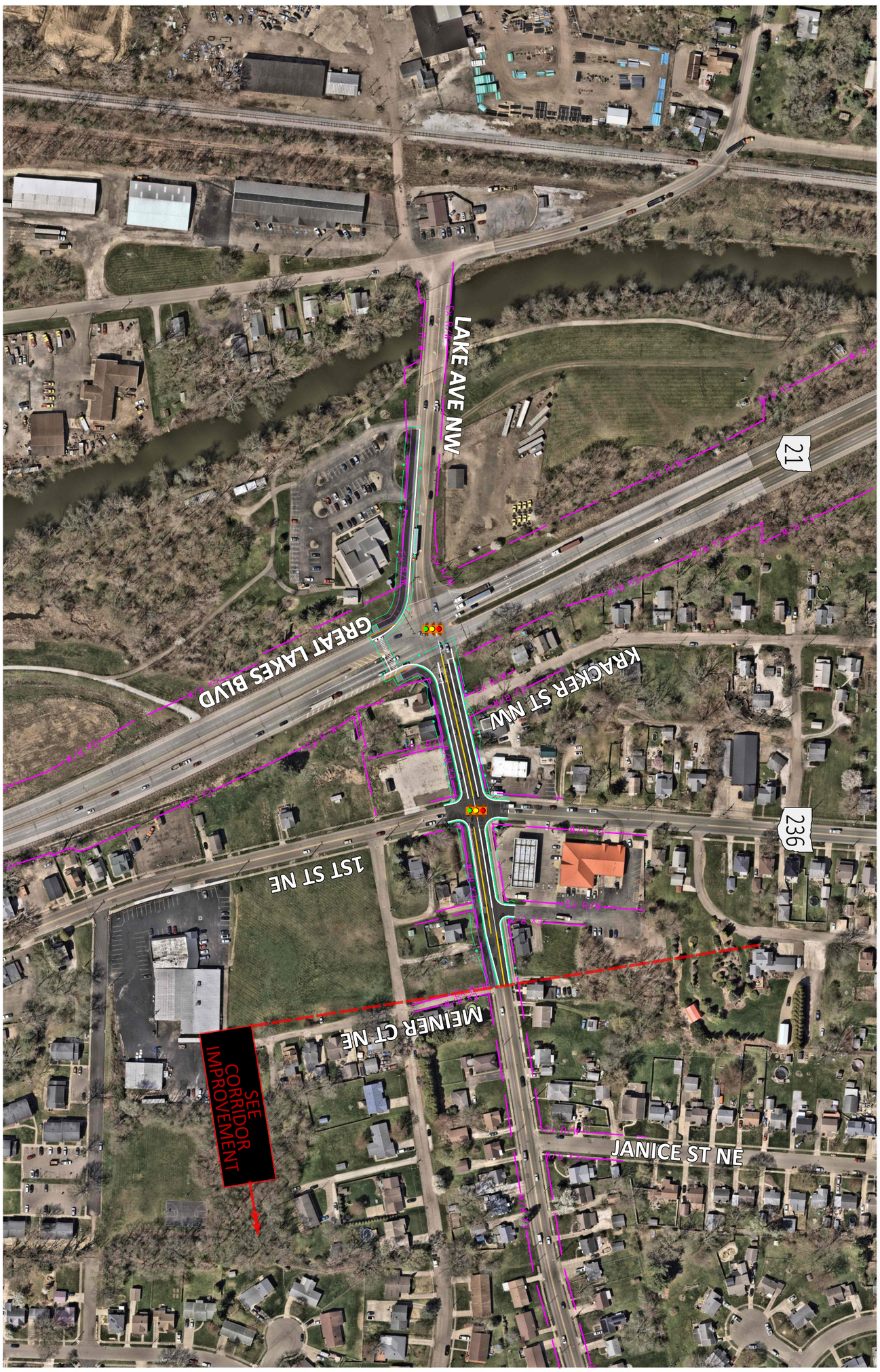
Proposed Improvement Exhibits



ALTERNATIVE 5
LAKE/SR-21 SIGNAL & LAKE/1ST RAB (HYBRID)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

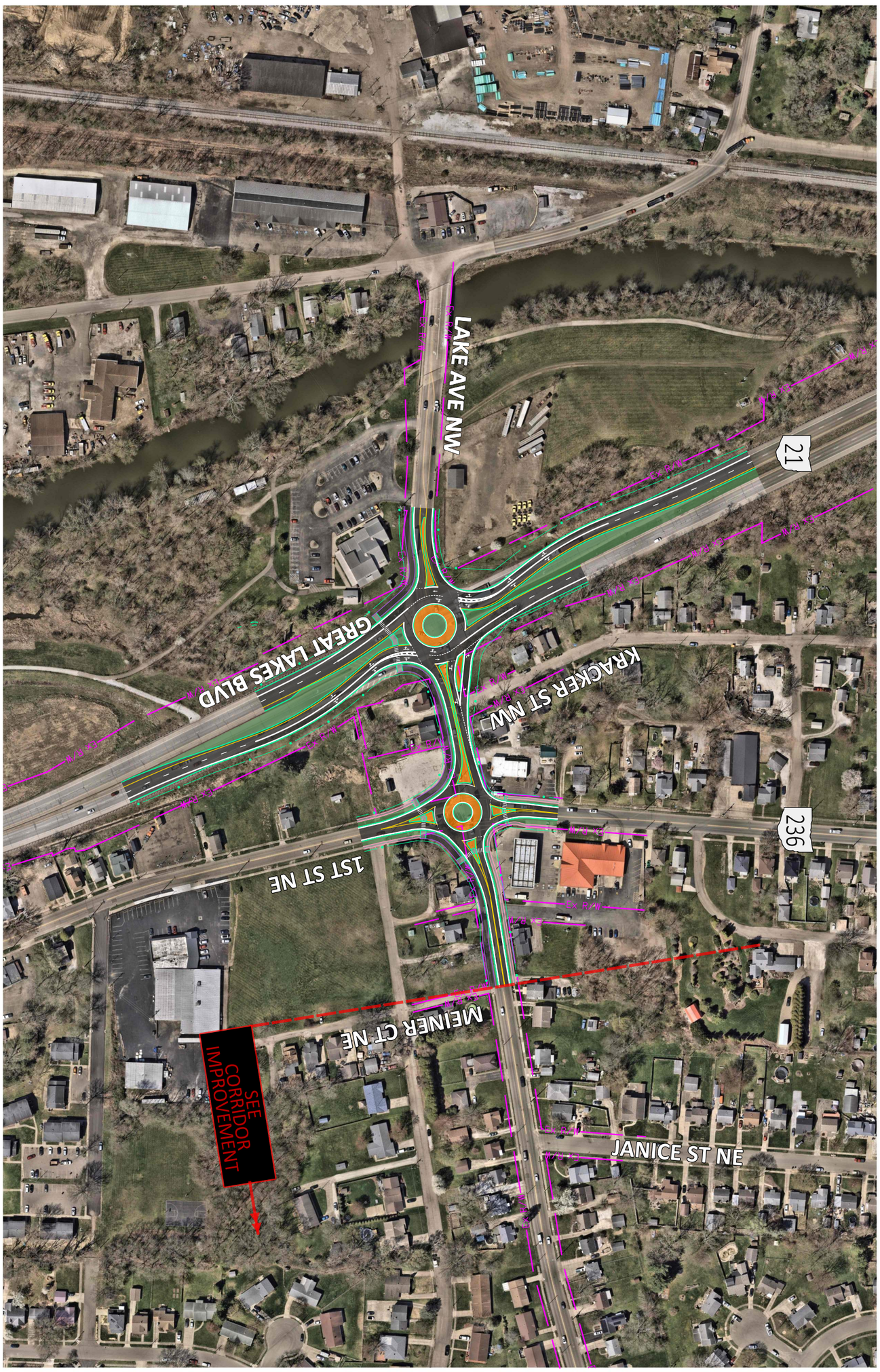
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.8 / TOTAL 7	0 / TOTAL 0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.



ALTERNATIVE 1
LAKE/SR-21 SIGNAL & LAKE/1ST SIGNAL
EXISTING LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

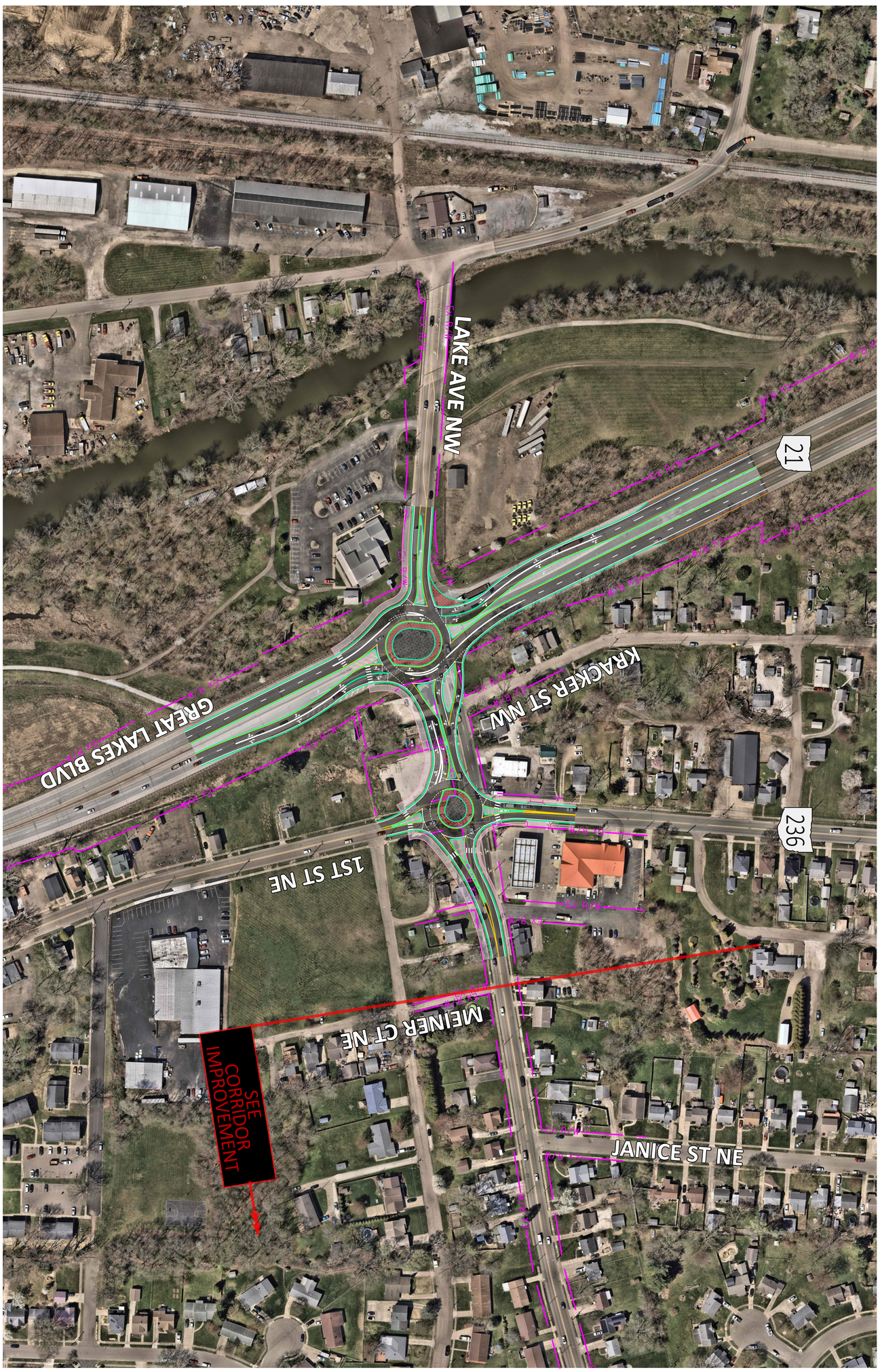
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.2 / TOTAL 7	0 / TOTAL 0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.



ALTERNATIVE 2A
LAKE/SR-21 RAB (HYBRID) & LAKE/1ST RAB (1-LANE)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

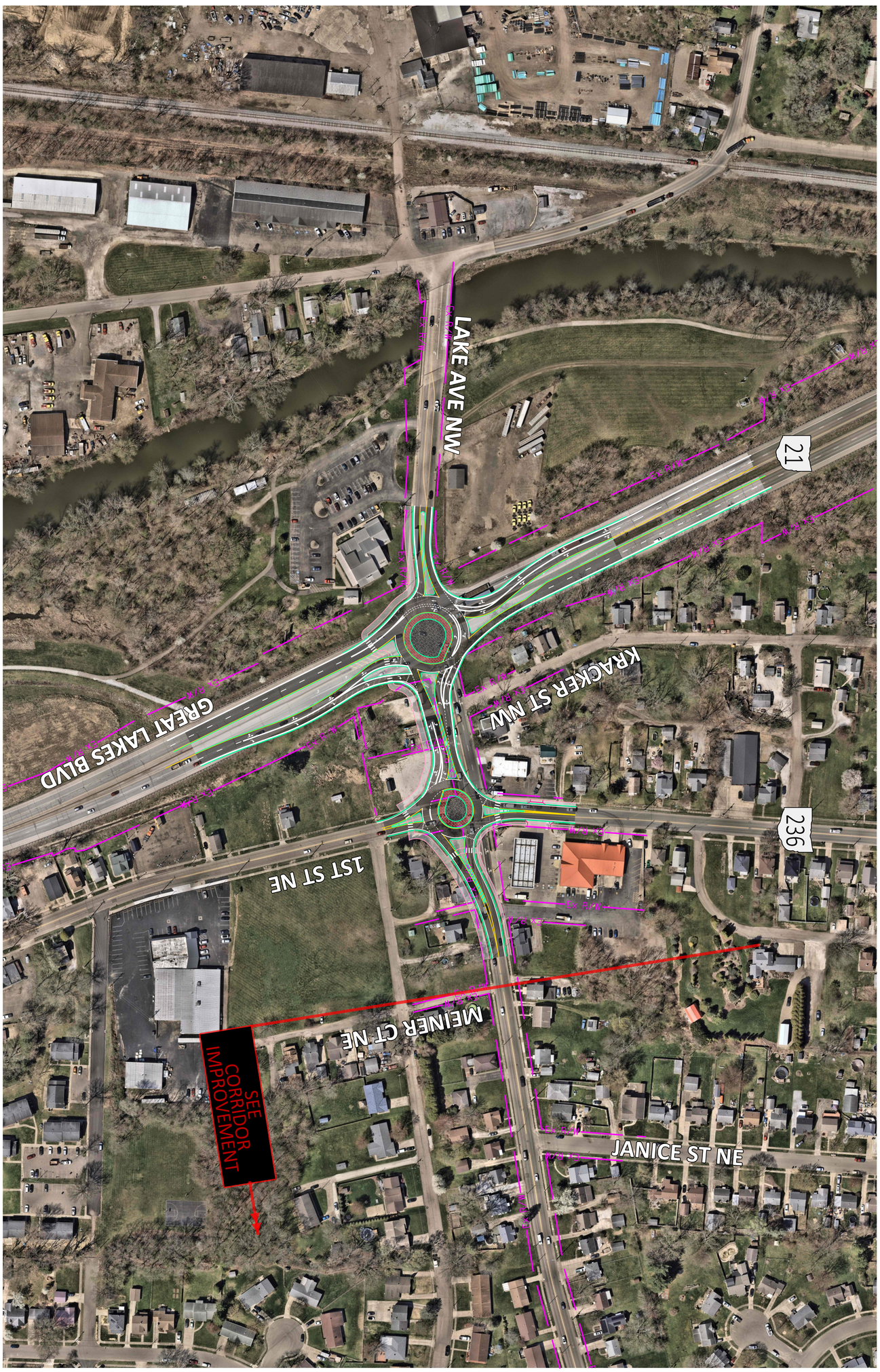
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.3	0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.
TOTAL 7	TOTAL 0				



ALTERNATIVE 2B
LAKE/SR-21 RAB (HYBRID) & LAKE/1ST RAB (HYBRID)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

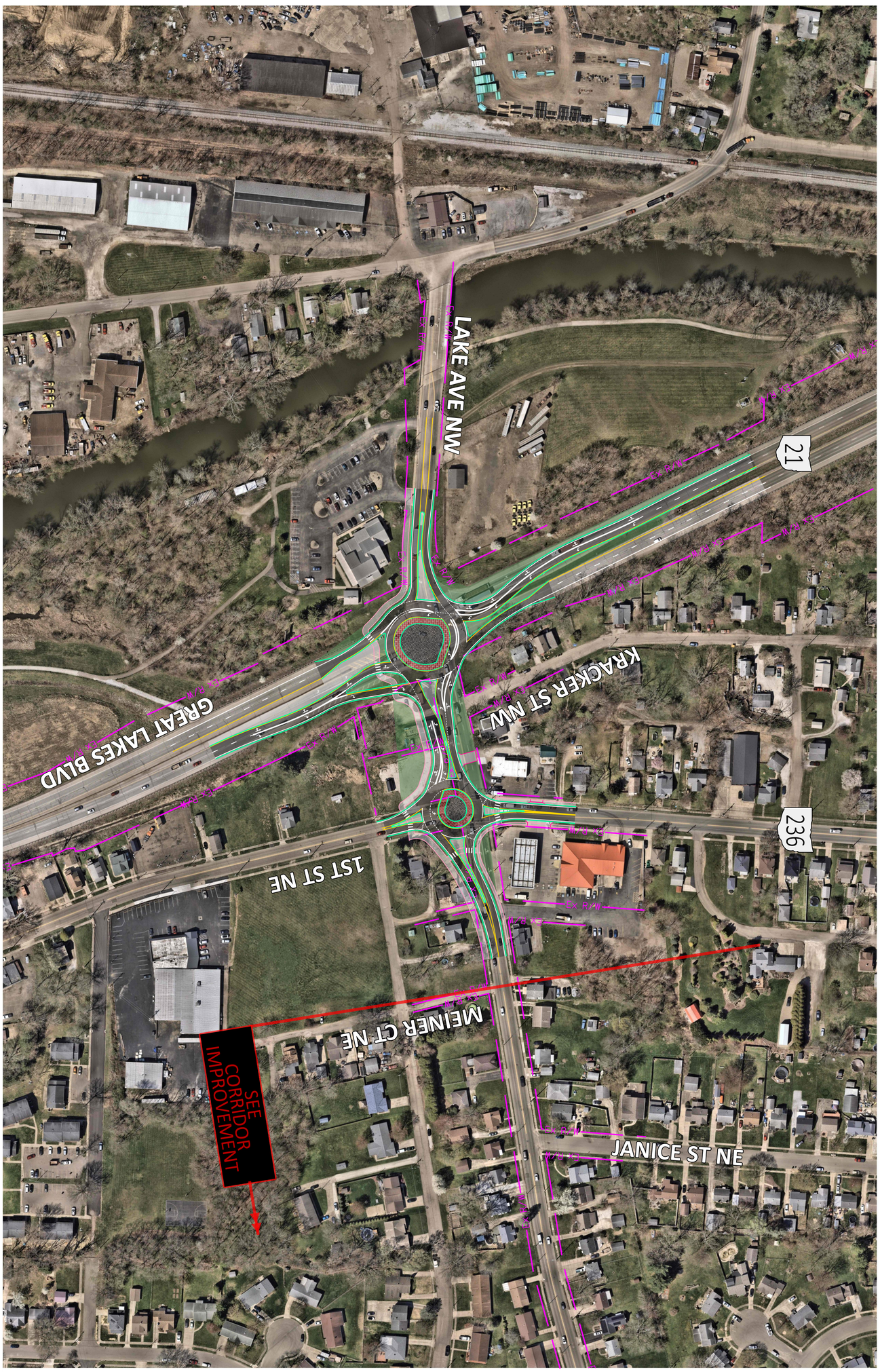
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.4 / TOTAL 7	0 / TOTAL 0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.



ALTERNATIVE 2D
LAKE/SR-21 RAB (HYBRID) & LAKE/1ST RAB (HYBRID)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

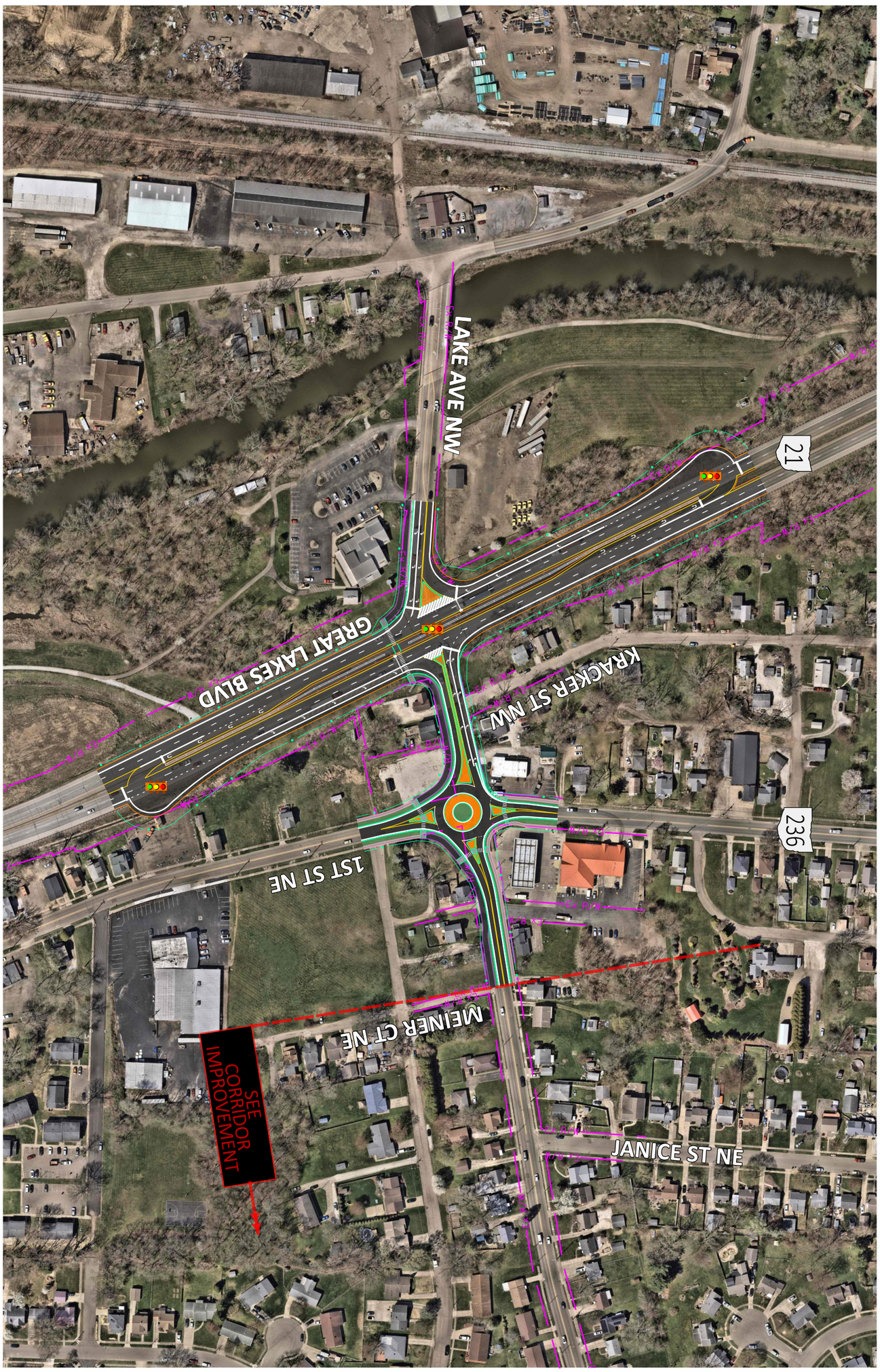
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.8	0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.
TOTAL 7	TOTAL 0				



ALTERNATIVE 2E
LAKE/SR-21 RAB (HYBRID) & LAKE/1ST RAB (HYBRID)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

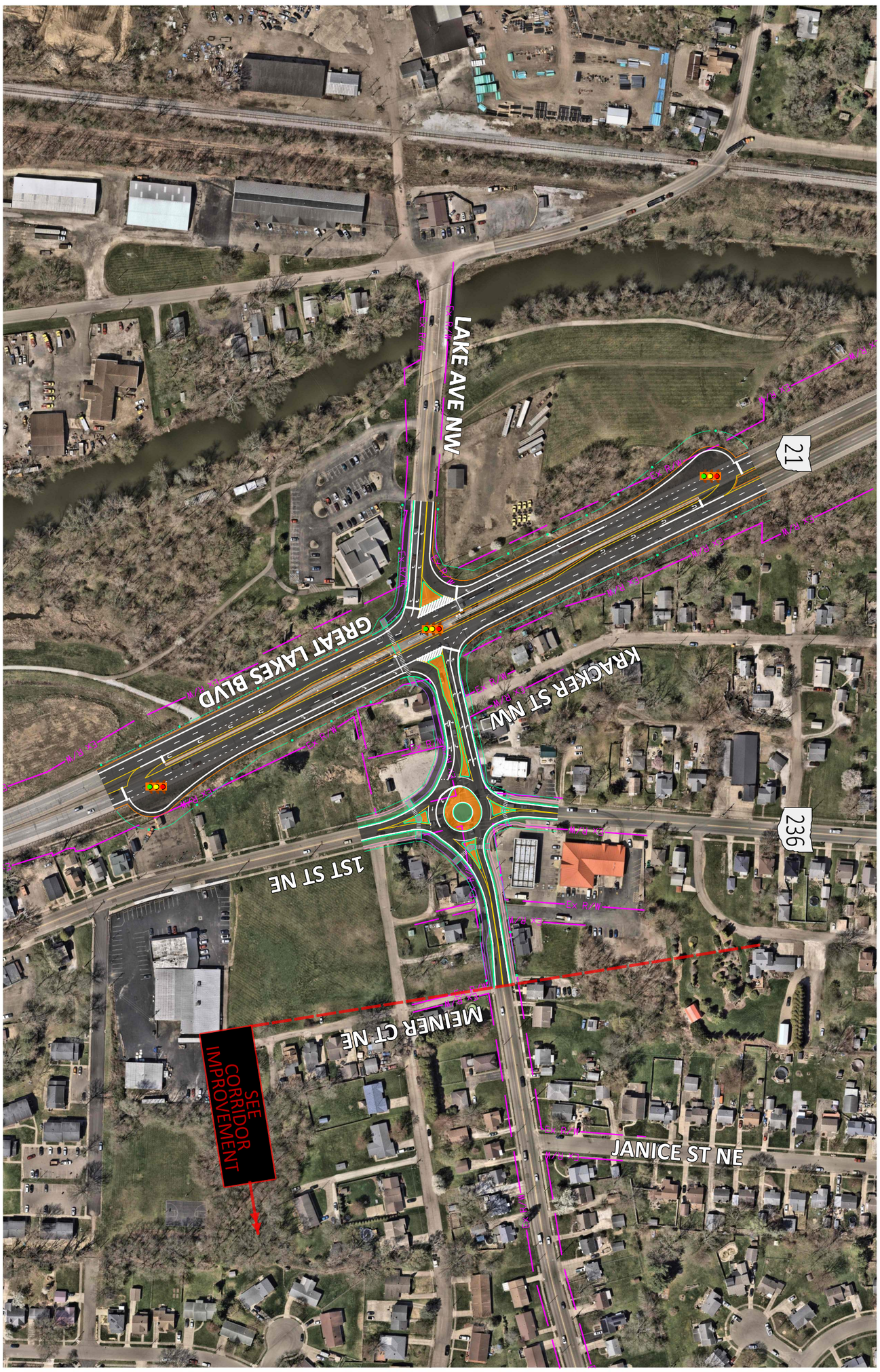
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.8	0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.
TOTAL 7	TOTAL 0				



ALTERNATIVE 3A
LAKE/SR-21 RCUT & LAKE/1ST RAB (1-LANE)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

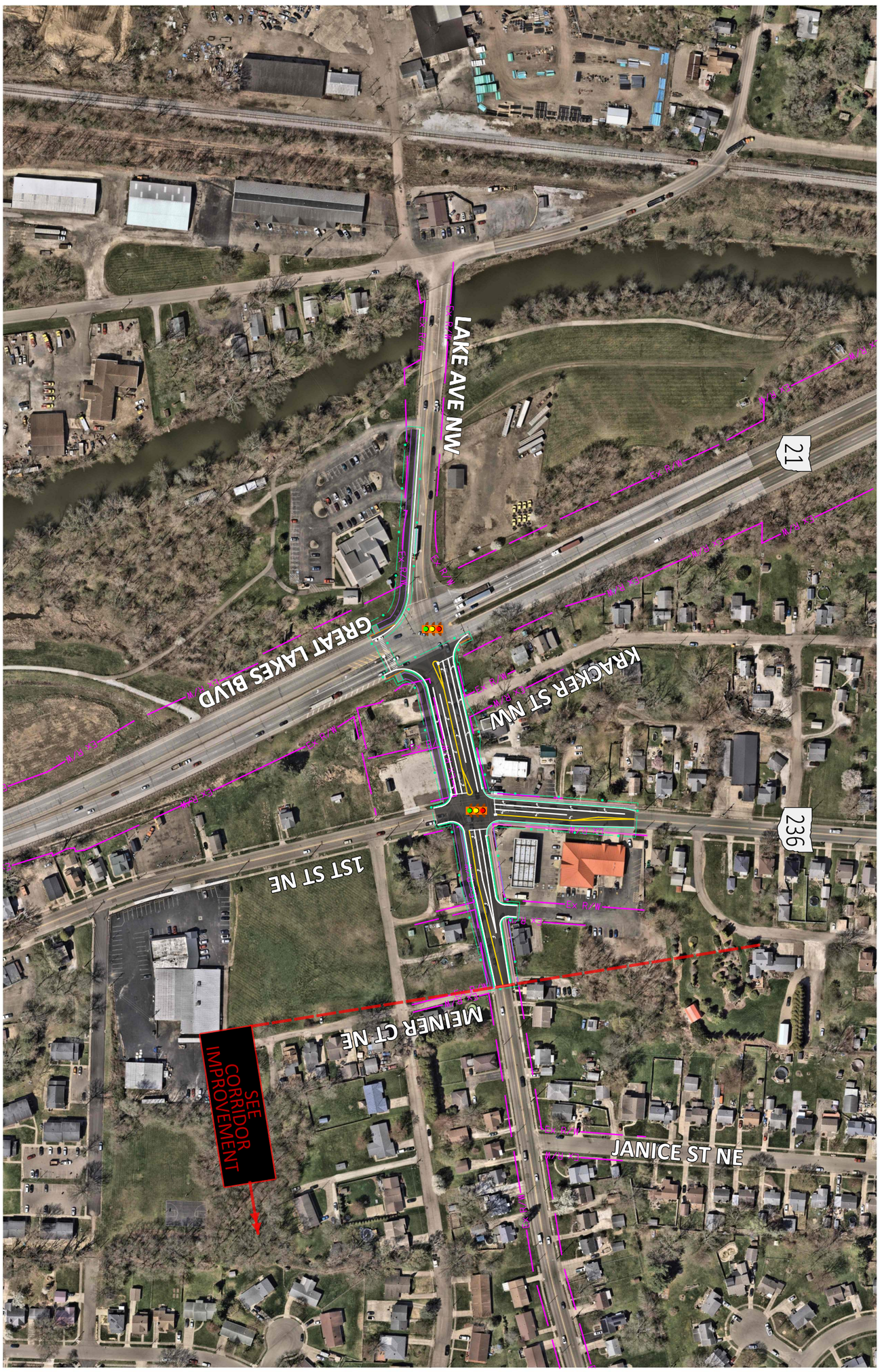
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.5 / TOTAL 7	0 / TOTAL 0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.



ALTERNATIVE 3B
LAKE/SR-21 RCUT & LAKE/1ST RAB (HYBRID)
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

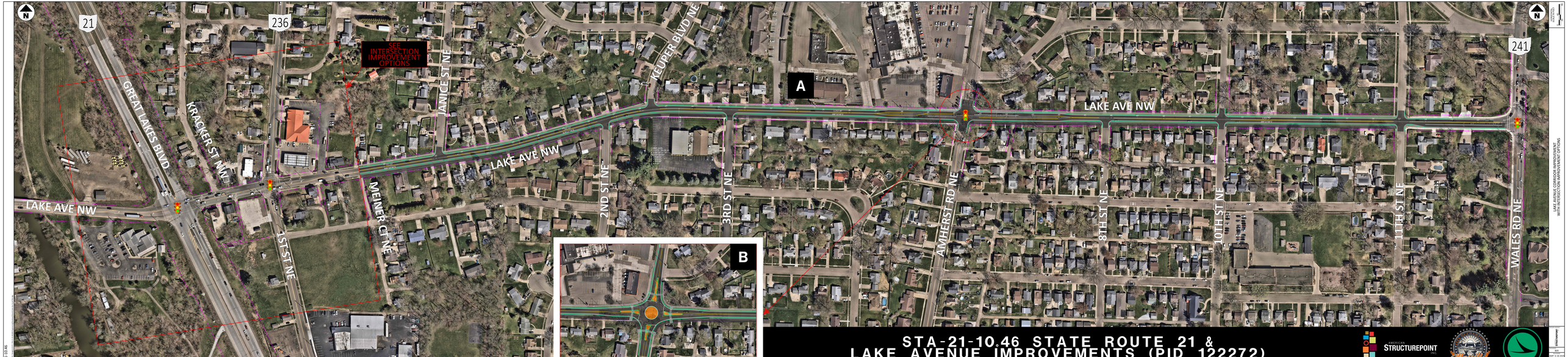
SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.6 / TOTAL 7	0 / TOTAL 0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.



ALTERNATIVE 4
LAKE/SR-21 SIGNAL & LAKE/SR-21 SIGNAL
PROPOSED LANES WITH SUP

HORIZONTAL SCALE IN FEET
0 100
50 200

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.7	0	122272	AMP 6-18-2025	BER	AMERICAN STRUCTUREPOINT INC.
TOTAL 7	TOTAL 0				



STA-21-10.46 STATE ROUTE 21 & LAKE AVENUE IMPROVEMENTS (PID 122272)

PRESENTED BY STRUCTUREPOINT LLC

Attachment F

Opinion of Probable Costs

STA-21-10.46 STATE ROUTE 21 & LAKE AVENUE IMPROVEMENTS (PID 122272)
CITY OF MASSILLON
PRELIMINARY ENGINEERING LAYOUT - ALTERNATIVE ANALYSIS
COST ESTIMATE SUMMARY (6-18-2025) (UPDATED 10-7-2025)

Group Description	CORRIDOR IMPROVEMENT OPTIONS		INTERSECTION IMPROVEMENT OPTIONS							
	A	B	ALTERNATIVE 1	ALTERNATIVE 2			ALTERNATIVE 3		ALTERNATIVE 4	ALTERNATIVE 5
				2A	2B Original	2B Shifted South,2C,2D,2E	3A	3B		
	Lake Ave. Improvements Lake/Amherst Signal Existing Lanes with SUP	Lake Ave. Improvements Lake/Amherst RAB (1-Lane) Existing Lanes with SUP	Lake/SR-21 Signal & Lake/1st Signal Existing Lanes with SUP	Lake/SR-21 RAB (Hybrid) & Lake/1st RAB (1-Lane) Proposed Lanes with SUP	Lake/SR-21 RAB (Hybrid) & Lake/1st RAB (Hybrid) Proposed Lanes with SUP	Lake/SR-21 RAB (Hybrid) & Lake/1st RAB (Hybrid) Proposed Lanes with SUP	Lake/SR-21 RCUT & Lake/1st RAB (1-Lane) Proposed Lanes with SUP	Lake/SR-21 RCUT & Lake/1st RAB (Hybrid) Proposed Lanes with SUP	Lake/SR-21 Signal & Lake/1st Signal Proposed Lanes with SUP	Lake/SR-21 Signal & Lake/1st RAB (Hybrid) Proposed Lanes with SUP
Roadway	$1,192,291	$1,456,783	$257,614	$1,003,158	$1,053,316	$1,053,316	$810,576	$851,105	$506,602	$670,008
Erosion Control	$166,856	$170,152	$19,783	$101,709	$106,794	$106,794	$95,028	$99,779	$24,530	$65,139
Drainage	$858,796	$910,213	$219,171	$440,765	$462,803	$462,803	$268,058	$281,461	$202,201	$250,500
Pavement	$1,353,619	$1,539,124	$326,548	$1,664,489	$1,747,714	$1,747,714	$1,496,796	$1,571,636	$662,263	$1,080,775
Water Work	$20,000	$20,000	$0	$0	$0	$0	$0	$0	$0	$0
Sanitary Sewer	$75,000	$75,000	$0	$0	$0	$0	$0	$0	$0	$0
Lighting	$0	$75,000	$0	$225,000	$225,000	$225,000	$75,000	$75,000	$0	$75,000
Traffic Control	$75,000	$75,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000
Traffic Signals	$135,000	$10,000	$530,000	$30,000	$30,000	$30,000	$530,000	$530,000	$530,000	$530,000
Landscaping	$25,000	$50,000	$0	$100,000	$100,000	$100,000	$50,000	$50,000	$0	$50,000
Maintenance of Traffic	$25,000	$25,000	$50,000	$550,000	$550,000	$550,000	$150,000	$150,000	$50,000	$75,000
Const. Subtotal w/o Incidentals	**$3,926,563**	**$4,406,272**	**$1,453,116**	**$4,165,121**	**$4,325,627**	**$4,325,627**	**$3,525,457**	**$3,658,980**	**$2,025,596**	**$2,846,422**
Incidentals	$215,000	$237,000	$149,000	$321,000	$337,050	$337,050	$278,000	$291,900	$129,000	$166,000
Const. Subtotal w/ Incidentals	**$4,141,563**	**$4,643,272**	**$1,602,116**	**$4,486,121**	**$4,662,677**	**$4,662,677**	**$3,803,457**	**$3,950,880**	**$2,154,596**	**$3,012,422**
Design Contingency (30%)	$1,242,469	$1,392,982	$480,635	$1,345,836	$1,398,803	$1,398,803	$1,141,037	$1,185,264	$646,379	$903,727
Const. Subtotal (2025 Cost)	**$5,384,032**	**$6,036,254**	**$2,082,751**	**$5,831,957**	**$6,061,480**	**$6,061,480**	**$4,944,495**	**$5,136,144**	**$2,800,975**	**$3,916,149**
Inflation (11.6%)	$624,548	$700,205	$241,599	$676,507	$703,132	$703,132	$573,561	$595,793	$324,913	$454,273
Const. Subtotal (2028 Cost)	**$6,008,579**	**$6,736,459**	**$2,324,350**	**$6,508,464**	**$6,764,611**	**$6,764,611**	**$5,518,056**	**$5,731,937**	**$3,125,888**	**$4,370,422**
Anticipated Utility Relocations (includes Compensable)	$25,000	$25,000	$25,000	$50,000	$50,000	$50,000	$50,000	$50,000	$25,000	$25,000
Anticipated ROW Costs (includes Acquisition)	$324,638	$669,378	$0	$338,722	$906,300	$1,165,600	$332,808	$987,949	$1,170,590	$1,219,700
Total Probable Cost (Const + Util + ROW)	**$6,358,217**	**$7,430,837**	**$2,349,350**	**$6,897,186**	**$7,720,911**	**$7,980,211**	**$5,900,864**	**$6,769,886**	**$4,321,478**	**$5,615,122**

General:
- In providing estimates of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of the probable construction cost.
- The estimate is taken from the historical bid data provided by ODOT for the year 2025.
- For items where historical bid data provided by ODOT was not available, other similar bid data sources were used to determine costs.
- Applied 30% Design Contigency and 11.6% Inflation (ODOT CY 2025-2029 Business Plan Inflation Calculator)

Assumed Roadway Pavement Buildup (Full Depth Areas Only):
- 1.25" Item 441 - Asphalt Concrete Surface Course, Type 1, (449), PG70-22
- 1.75" Item 441 - Asphalt Concrete Intermediate Course, Type 2, (449)
- 9" Item 301 - Asphalt Concrete Base, PG64-22, (449)
- 6" Item 304 - Aggregate Base

Assumed Shared-Use Path Pavement Buildup:
- 1.25" Item 441 - Asphalt Concrete Surface Course, Type 1, (448), PG64-22
- 1.75" Item 441 - Asphalt Concrete Intermediate Course, Type 2, (448)
- 6" Item 304 - Aggregate Base

Assumed Roundabout Parameters:
- Lake/SR-21 RAB - 120' ICD
- Lake/1st RAB - 110' ICD
- Lake/Amherst RAB - 90' ICD

Assumed Subgrade Stabilization:
- Undercut and Replace for 20% of the Project Limits

Lake Avenue Corridor Improvements (A-Lake/Amherst Signal)
- Minimum two permanent ROW takes on south side of roadway due to new horizontal curve at Lake/Keuper
- Retaining wall likely along sidewalk on north side of roadway to minimize grading impacts to residential properties between Amherst to 8th
- Retaining wall likely along SUP on south side of roadway to minimize grading impacts to residential properties between Amherst to 10th

Lake Avenue Corridor Improvements (B-Lake/Amherst RAB)
- Same corridor bulletpoints
- 1 Total Take (Residential) involving 1 Structure Take at SE quadrant of Lake/Amherst

Alternative 1:
- Signal upgrades to accommodate SUP

Alternative 2A:
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

Alternative 2B Original:
- 2 Total Takes (1 Residential, 1 Commercial) involving 2 Structure Takes on south side of Lake
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

Alternative 2B Shifted South, 2C, 2D, 2E
- 3 Total Takes (2 Residential, 1 Commercial) involving 3 Structure Takeson south side of Lake
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

Alternative 3A:
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

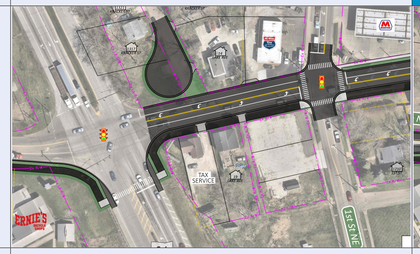
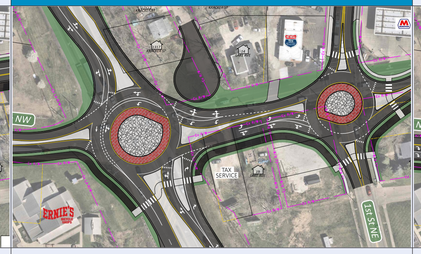
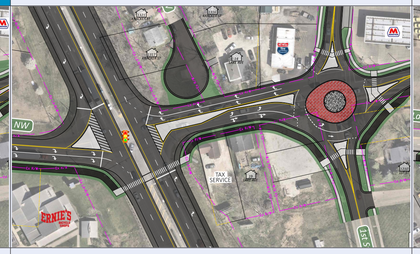
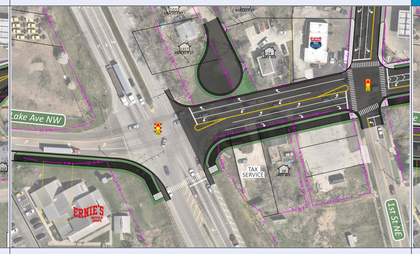
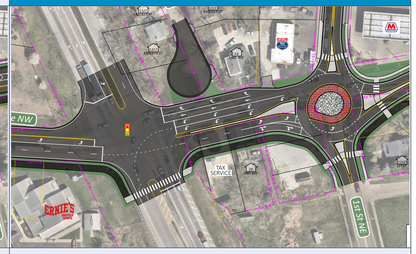
Alternative 3B:
- 2 Total Takes (1 Residential, 1 Commercial) involving 2 Structure Takes on south side of Lake
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

Alternative 4:
- 3 Total Takes (2 Residential, 1 Commercial) involving 3 Structure Takes on south side of Lake
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

Alternative 5:
- 3 Total Takes (2 Residential, 1 Commercial) involving 3 Structure Takes on south side of Lake
- 1 Total Take (Commercial) involving 2 Billboard Takes at SE quadrant of Lake/SR-21

Attachment G

Comparison Matrix

Analysis Alternative			1		2		3		4		5	
Exhibit/Description												
Project Cost			$2.4M		$8.0M		$6.8M		$4.3M		$5.7M	
Scenario	Intersection	Direction	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)	Delay (s) / LOS	95th Percentile Queue (ft)
Design Year 2048 - AM Scenario	Lake Avenue & SR-21	Overall	34.5 / C	-	9.9 / A	-	15.3 / B	-	34.8 / C	-	23.1 / C	-
		NB	36 / D	161	8.7 / A	73	9.3 / A	241	36 / D	161	20.9 / C	157
		SB	32.5 / C	239	7.3 / A	62	11.7 / B	244	38.3 / D	332	28 / C	231
		EB	50.7 / D	531	25.5 / C	432	21.1 / C	170	55.9 / E	623	26.6 / C	261
		WB	24.4 / C	250	2.9 / A	68	26.3 / C	257	17.8 / B	264	19.2 / B	128
	Lake Avenue & 1st Street	Overall	28.9 / C	-	6 / A	-	9.8 / A	-	24.6 / C	-	1.8 / A	-
		NB	37.4 / D	91	10.6 / B	69	9.4 / A	54	38 / B	103	3.4 / A	21
		SB	32.7 / C	229	6.6 / A	87	11.9 / B	217	28.8 / C	106	2.7 / A	60
		EB	23.1 / C	239	4.8 / A	45	5.2 / A	59	14.7 / B	247	0.9 / A	39
		WB	31.8 / C	627	5.9 / A	122	10.9 / B	191	31.1 / C	311	1.8 / A	57
Design Year 2048 - PM Scenario	Lake Avenue & SR-21	Overall	42 / D	-	8.9 / A	-	19.1 / B	-	42.1 / D	-	27.9 / C	-
		NB	42.5 / D	350	10.4 / B	172	14.7 / B	374	41.9 / D	468	28.9 / C	246
		SB	32.9 / C	320	8.9 / A	77	16.6 / B	268	39.8 / D	329	34.4 / C	255
		EB	71.4 / E	619	14.1 / B	165	21.3 / C	147	86.2 / F	630	32.2 / C	210
		WB	31.7 / C	256	4.7 / A	94	29.9 / C	269	20.1 / C	228	20.3 / C	198
	Lake Avenue & 1st Street	Overall	33.4 / C	-	9.6 / A	-	57.4 / E	-	26.4 / C	-	2.7 / A	-
		NB	39.8 / D	215	21.4 / C	148	15.6 / B	143	36.1 / D	172	4.2 / A	35
		SB	37.2 / D	361	9.3 / A	97	24.5 / C	250	27.8 / C	97	4 / A	49
		EB	28.4 / C	251	5.7 / A	53	5.2 / A	91	16.9 / B	254	1.3 / A	38
		WB	34.7 / C	365	9.6 / A	220	131 / F	1127	34 / C	394	3.1 / A	54
Vehicle Safety Improvement												
Improves Traffic Operations												
Increases Safety for Pedestrian Crossing SR 21												
Right-of-Way Impacts												
Cost												
Performance Summary			• Vehicle queuing lengths expected to extend to adjacent intersections • Poor traffic operations with long queueing • Significant WB queue at 1st Street in the morning peak hour • Minimal improvement to pedestrian or vehicle safety		• Provides the best traffic operations (LOS A) and queue lengths are expected to reduced significantly • Provides shorter and safer pedestrian crossing at SR 21 and Lake Ave • Improves overall intersection safety for pedestrians and vehicles		• Improved traffic operations but queuing into 1st street is still expected resulting in poor roundabout operations • Provides moderate vehicle and pedestrian safety improvements however RCUT adds two additional signals to SR 21 creating potential for additional crashes • SR 21 pedestrian crossing not as safe as roundabout option		• Similar to Alternative 1 with slightly better traffic operations but queuing is still expected to back up into adjacent intersections		• Provides acceptable traffic operations and queue lengths are expected to be reduced significantly • Requires queue detention to minimize queen lengths between intersections resulting in potentially longer delays on SR 21 • Moderate safety improvements for vehicles but would require a long pedestrian crossing at SR 21, potentially leading to safety issues

95th% Queue exceeds segment storage capacity

Operates with acceptable LOS and queuing capacity

Movement LOS E/F

GOOD FAIR POOR

STA-21-10.46 SR-21 & LAKE AVENUE IMPROVEMENTS (PID 122272)
TRAFFIC ANALYSIS ALTERNATIVES SUMMARY (REVISION DATE 10-22-2025)

AMERICAN STRUCTUREPOINT INC. | Ohio Department of Transportation | Marysville