

**BASS PRO MILLS DRIVE, FROM HIGHWAY 400 TO WESTON ROAD MUNICIPAL CLASS
ENVIRONMENTAL ASSESSMENT**

Appendix B Traffic Impact Assessment

Appendix B TRAFFIC IMPACT ASSESSMENT





**Bass Pro Mills Drive Extension
Environmental Assessment**

Transportation Impact Assessment

November 5, 2021

Prepared for:

The City of Vaughan

Prepared by:

Stantec Consulting Ltd.

Final Version

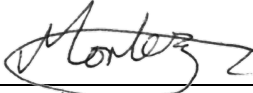


Revision	Description	Author		Quality Check		Independent Review	
00	Final	M. Morteza-nejad	2021/11/05	A.Mirhoseini	2021/11/05		



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

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Table of Contents

1.0	INTRODUCTION.....	1.1
1.1	STUDY OBJECTIVES	1.1
1.2	STUDY AREA	1.2
1.3	DATA COLLECTION.....	1.2
2.0	EXISTING CONDITIONS INFRASTRUCTURE.....	2.4
2.1	EXISTING ROADWAYS.....	2.4
2.2	EXISTING ACTIVE TRANSPORTATION	2.6
2.3	EXISTING TRANSIT ROUTES.....	2.7
2.4	EXISTING TRAVEL MODAL SPLIT	2.1
2.5	TRAFFIC VOLUMES.....	2.1
3.0	EXISTING SAFETY REVIEW.....	3.1
3.1	COLLISIONS AT INTERSECTIONS.....	3.1
3.2	COLLISIONS AT MID-BLOCK.....	3.0
3.3	BASS PRO MILLS CORRIDOR.....	3.0
4.0	EXISTING CONDITIONS MICROSIMULATION MODEL DEVELOPMENT	4.1
4.1	MODELLING APPROACH	4.1
4.2	MODEL DEVELOPMENT	4.1
	4.2.1 Modelling Software.....	4.1
	4.2.2 Modelled Network	4.1
	4.2.3 Existing Transit Routes	4.2
	4.2.4 Base Travel Demand	4.1
4.3	MODEL CALIBRATION AND VALIDATION.....	4.3
	4.3.1 Calibration Objectives	4.3
	4.3.2 Key Model Inputs and Assumptions	4.4
	4.3.3 Aimsun Next Microscopic Model Calibration and Validation	4.4
	4.3.4 Travel Demand Adjustment.....	4.7
	4.3.5 Scenario 2 - Aimsun Next Microscopic Model with Adjusted Travel Demand	4.7
5.0	EXISTING AND FUTURE OPTIONS MODEL DEVELOPMENT AND MODELLING RESULTS	5.1
5.1	BASLINE AND FUTURE OPTIONS MODEL DEVELOPMENT	5.1
5.2	MODELLING APPROACH	5.1
5.3	FUTURE OPTIONS.....	5.2
	5.3.1 Option 0 – Future Base Conditions.....	5.2
	5.3.2 Option A – Future Conditions with Bass Pro Mills Drive Extension.....	5.5
	5.3.3 Option B – Future Conditions with Bass Pro Mills Drive Extension and VMCSP	5.6
5.4	DEVELOPMENT OF FUTURE OPTIONS MODELS	5.7
5.5	SIGNAL TIMINGS	5.7
5.6	TRAFFIC DEMAND ESTIMATION	5.8



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

5.6.1	Auto Demand	5.8
5.6.2	Pedestrian and Transit Demand	5.9
6.0	MICROSIMULATION MODELLING RESULTS.....	6.11
6.1	OPTION 0 – BASE CONDITIONS	6.11
6.1.1	Existing Conditions 2020 Modelling Results	6.11
6.1.2	Future 2031 Base Conditions Modelling Results	6.13
6.1.3	Future 2041 Base Conditions Modelling Results	6.15
6.2	OPTION A – FUTURE CONDITIONS WITH BASS PRO MILLS DRIVE EXTENSION.....	6.17
6.2.1	Future 2031 Conditions with Bass Pro Mills Drive Extension Modelling Results	6.17
6.2.2	Future 2041 Conditions with Bass Pro Mills Drive Extension Modelling Results	6.19
6.3	OPTION B – FUTURE CONDITIONS WITH BASS PRO MILLS DRIVE EXTENSION AND VMCSP.....	6.21
6.3.1	Future 2031 Conditions with Bass Pro Mills Drive Extension and VMCSP Modelling Results	6.21
6.3.2	Future 2041 Conditions with Bass Pro Mills Drive Extension and VMCSP Modelling Results	6.23
6.4	REVIEW OF WESTON ROAD SEGMENT BETWEEN ASTONA BOULEVARD AND BASS PRO MILLS DRIVE EXTENSION	6.1
7.0	CONCLUSION	7.1



LIST OF TABLES

Table 4-1: Study Area mode split2.1

Table 4-2 Intersection Turning Movement Counts2.2

Table 4-3 Growth Rate from GGHM Travel Demand Model2.2

Table 4-4: Comparison of Intersections Existing Conditions Total Volumes for Weekday
and Weekend Peaks.....2.3

Table 5-1: Study Area Intersections Collision Rates.....3.0

Table 5-2: Study Area Road Segments Collision Rates3.0

Table 5-3 Total Collisions along Bass Pro Mills Drive (2015-2019)3.0

Table 5-4 Bass Pro Mills Drive Collisions Based on Initial Driver Action (2015-2019).....3.0

Table 6-1: Existing Transit Routes4.2

Table 6-2: Calibration Acceptance Targets4.3

Table 6-3: Aimsun Model Key Inputs.....4.4

Table 6-4: Summary of Turn Level Model Calibration Results – Base Travel Demand.....4.6

Table 6-5: Origin-Destination Demand Matrix Comparison Before and After Adjustment.4.7

Table 6-6: Summary of Turn Level Model Calibration Results – Adjusted Travel Demand4.10

Table 6-7: Travel Time Summary in the Study Area4.1

Table 8-1: Primary Study Area Population and Employment Information in MTO
GGHMv4 Model.....5.3

Table 8-2: Summary of 2020, 2031, and 2041 Base Conditions Demands.....5.3

Table 8-3: Study Area Screen Line Analysis Results.....5.5

Table 8-4: VM CSP Trip Generation.....5.10

Table 8-5: Summary of 2031 and 2041 Adjusted AIMSUN Peak Hour Auto Demands.....5.10

Table 8-6: Summary of 2031 and 2041 AIMSUN Peak Hour Heavy Vehicle Demands5.10

Table 9-1: Model Summary Results – Existing Conditions 20206.11

Table 9-2: Existing 2020 Conditions Intersection Total Traffic, Delay and Level of Service ...6.12

Table 9-3: Model Summary Results – Future 2031 Base Conditions.....6.13

Table 9-4: Future 2031 Base Conditions Intersections Total Traffic, Delay and Level of
Service6.14

Table 9-5: Model Summary Results – Future 2041 Base Conditions.....6.15

Table 9-6: Future 2041 Base Intersection Total Traffic, Delay and Level of Service6.16

Table 9-7: Model Summary Results – Future 2031 Option A.....6.17

Table 9-8: Future 2031 Option A Intersections Total Traffic, Delay and Level of Service6.18

Table 9-9: Model Summary Results – Future 2041 Option A.....6.19

Table 9-10: Future 2041 Option A Intersection Total Traffic, Delay and Level of Service6.20

Table 9-11: Model Summary Results – Future 2031 Option B.....6.21

Table 9-12: Future 2031 Option B Intersection Total Traffic, Delay and Level of Service6.22

Table 9-13: Model Summary Results – Future 2041 Option B.....6.23

Table 9-14: Future 2041 Option B Intersection Total Traffic, Delay and Level of Service6.24

Table 9-15: Weston Road Segment Queuing Analysis Results6.1

LIST OF FIGURES

Figure 1-1 Primary and Secondary Study Areas1.3

Figure 3-1: Primary Study Area Intersection Lane Configuration (Major Intersections).....2.5

Figure 2-2: Bike infrastructure in the study area2.6

Figure 3-3 Transit Routes within the Study Area2.8

Figure 4-1: Existing Conditions 2020 | AM Peak Hour | (1/4).....2.0



Figure 4-2: Existing Conditions 2020 | AM Peak Hour | (2/4).....2.1
 Figure 4-3: Existing Conditions 2020 | AM Peak Hour | (3/4).....2.2
 Figure 4-4: Existing Conditions 2020 | AM Peak Hour | (4/4).....2.3
 Figure 4-5: Existing Conditions 2020 | PM Peak Hour | (1/4).....2.4
 Figure 4-6: Existing Conditions 2020 | PM Peak Hour | (2/4).....2.5
 Figure 4-7: Existing Conditions 2020 | PM Peak Hour | (3/4).....2.0
 Figure 4-8: Existing Conditions 2020 | PM Peak Hour | (4/4).....2.1
 Figure 5-1 Total Intersection related Collisions.....3.2
 Figure 5-2 Impact Type | Intersection related collisions.....3.2
 Figure 5-3 Initial Driver Action | Intersection related Collisions3.2
 Figure 5-4 Total Midblock Collisions.....3.1
 Figure 5-5 Impact Type | Midblock collisions3.1
 Figure 5-6 Initial Driver Action | Midblock Collisions3.1
 Figure 6-1: Study Area Road Network and Centroids in GGHMv4 and Aimsum Models4.2
 Figure 6-2: AM Peak Hour Observed vs Modelled Volumes.....4.8
 Figure 6-3: PM Peak Hour Observed vs Modelled Volumes.....4.8
 Figure 8-1: Highway 400 Interchange at Langstaff Road – 2041 Horizons Only.....5.4
 Figure 8-2: Bass Pro Mills Drive Extension – Option A 2031 and 2041 Horizons5.6
 Figure 8-3: Bass Pro Mills Drive Extension and VMCSPP Internal Road Network– Option
 B 2031 and 2041 Horizons5.7
 Figure 8-4: Development of Future Options Models5.8
 Figure 9-1: Weston Road segment between proposed Bass Pro Mills Drive Extension
 and Astona Boulevard6.1

LIST OF APPENDICES

APPENDIX A COLLECTED TRAFFIC DATA A.1
APPENDIX B COLLISION DATA..... B.2
APPENDIX C TAZ CONVERSION RATES (GGHVM4 VS AIMSUN)..... C.3
APPENDIX D ROAD TYPES..... D.4
APPENDIX E OD ADJUSTMENT PARAMETERS..... E.5
APPENDIX F DUE ASSIGNMENT PARAMETERS F.6
**APPENDIX G MODELLED VS. OBSERVED TURNING MOVEMENT RESULTS-
 SCENARIO 1 WITH BASE OD DEMAND..... G.7**
**APPENDIX H MODELLED VS. OBSERVED TURNING MOVEMENT RESULTS-
 SCENARIO 2 WITH ADJUSTED OD DEMAND..... H.8**
APPENDIX I MODELLED VS OBSERVED TRAVEL TIME.....I.9
**APPENDIX J BASS PRO MILLS DRIVE EXTENSION PRELIMINARY PROFILE
 AND PLAN.....J.10**



APPENDIX K EXISTING CONDITIONS 2020 MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS K.11

APPENDIX L FUTURE 2031 BASE CONDITIONS MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS L.12

APPENDIX M FUTURE 2041 BASE CONDITIONS MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTSM.13

APPENDIX N FUTURE 2031 OPTION A MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION)..... N.14

APPENDIX O FUTURE 2041 OPTION A MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION)..... O.15

APPENDIX P FUTURE 2031 OPTION B MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION AND VMCS P) P.16

APPENDIX Q FUTURE 2041 OPTION B MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION AND VMCS P) RESULTSQ.17



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Introduction

1.0 INTRODUCTION

Stantec Consulting Ltd. (Stantec) was retained by the City of Vaughan to conduct a Municipal Class Environmental Assessment process for the extension of Bass Pro Mills Drive westerly to Weston Road.

The extension of Bass Pro Mills Drive is a key initiative to expand and extend the existing transportation network to improve mobility and support future growth and development in the area. It provides a new connection for lands east and west of Highway 400. The Vaughan Mills Center Secondary Plan (VMCSP, 2014) recommends the extension of Bass Pro Mills Drive to help distribute east-west traffic, alleviating Rutherford Road to the north, and provide another route connection for York Region Transit (YRT).

1.1 STUDY OBJECTIVES

The purpose of this report is to summarize the background review and existing and future traffic conditions assessment of the transportation network along Bass Pro Mills Drive. The report documents existing road infrastructure, active transportation facilities, transit network, traffic volumes, existing microsimulation model development, calibration and validation, future base model development (2031 and 2041), development of future option models, intersection operation analysis results, and collision analysis. The report also includes a review of the weekend traffic volumes at the study area intersections.

Simulation modelling results including the network performance indices and intersection operational analysis results from existing conditions and future base models were used as a baseline to understand and evaluate the transportation network operations and operational deficiencies in the study area under different scenarios and study horizons considering the planned extension of Bass Pro Mills Drive to Weston Road, impacts of the future infrastructure plans within the study area and impacts from proposed VMCSP development. Further information is provided in the next sections of this report.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Introduction

1.2 STUDY AREA

The proposed study area includes a “Primary Study Area” and a “Secondary Study Area”. The extent of the proposed study area is presented in **Figure 1**.

The primary study area is bounded by Weston Road to the west, Jane Street to the east, Langstaff Road to the south, and Rutherford Road to the north. The primary study area includes the sections of Highway 400 from south of the interchange at Langstaff Road to north of the interchange at Rutherford Road.

The secondary study area is bounded by Pine Valley Drive to the west, Credit Stone Road to the east, Highway 7 to the south, and Major Mackenzie Drive West to the north. The secondary study area was used to guide the macro modelling review of the future alternatives.

1.3 DATA COLLECTION

The latest available Turning Movement Counts (TMC) at signalized intersections, and Highway 400 ramps and mainline segments, signal timing plans, travel time data, and collision data were provided by the City of Vaughan, York Region, and Ministry of Transportation Ontario’s (MTO). Stantec collected and reviewed the Greater Golden Horseshoe Transportation Demand model (GGHMv4) from the MTO and coordinated with the MTO modelling team to conduct the required road network updates. The updated GGHMv4 secondary study area models were received from the MTO and were used in this study.

Appendix A includes the collected data that was used in the transportation assessment.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Introduction

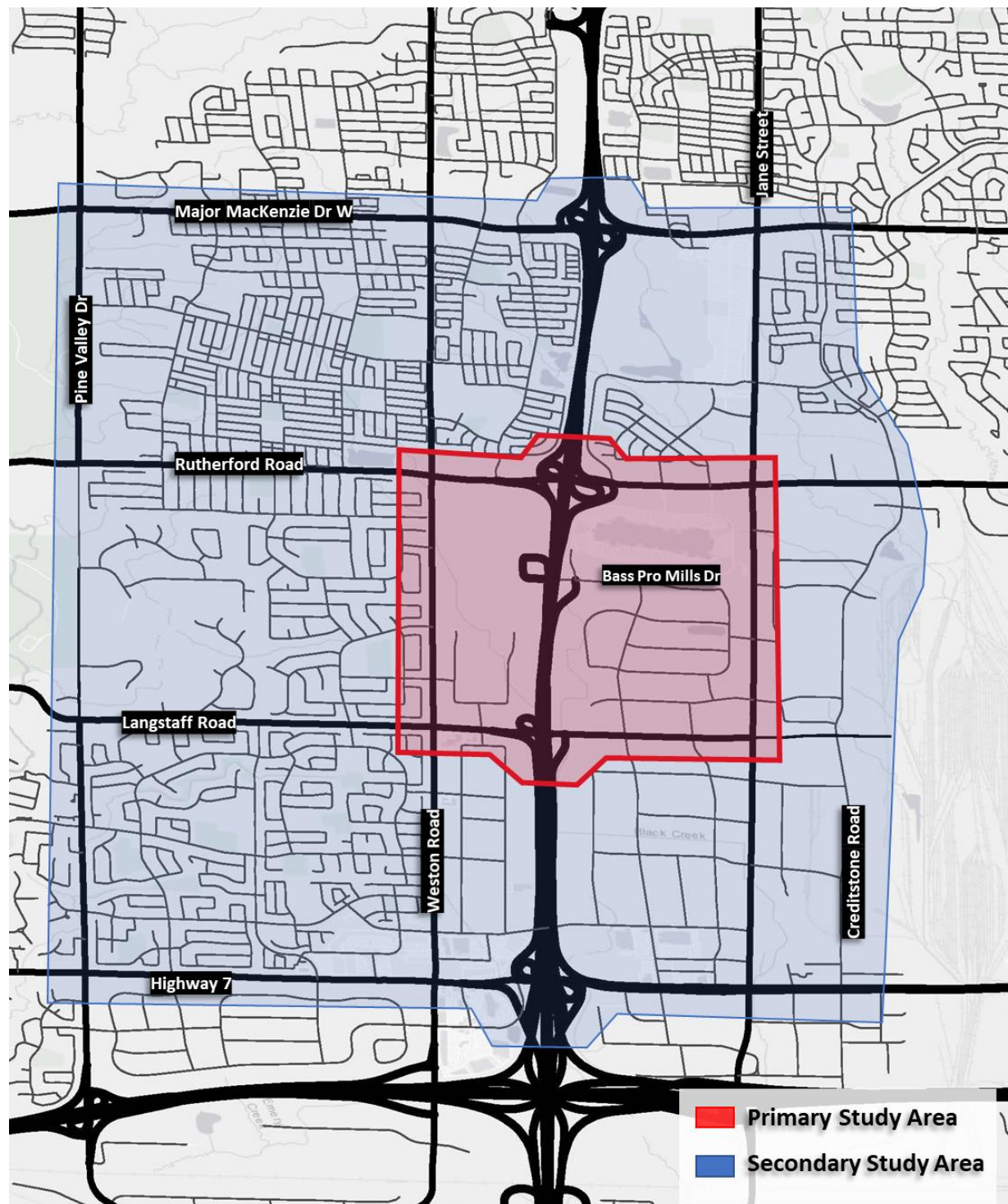


Figure 1-1 Primary and Secondary Study Areas



2.0 EXISTING CONDITIONS INFRASTRUCTURE

2.1 EXISTING ROADWAYS

The major roads in the study area are as follows:

Rutherford Road is a York Region east-west arterial roadway with a posted speed limit of 60 km/h. Within the study area, Rutherford Road has a six-lane cross section with three lanes in each direction. Additionally, exclusive right and left turn lanes are provided for key movements at the 400 North off-ramp/Canada's Wonderland Drive intersection as well as the intersections of Sweetriver Boulevard, Julliard Drive and Jane Street. Both the Highway 400 northbound off-ramp intersection and the Highway 400 southbound off-ramp intersection are currently signalized under the Ministry of Transportation Ontario's jurisdiction.

Jane Street is a York Region north-south arterial roadway with a posted speed limit of 60 km/h. Within the study area, Jane Street has a four-lane cross section with two lanes in each direction. Within the study area Jane Street has a Two-Way-Left-Turn (TWLT) lane extending from North of Locke Street to Langstaff Road. Additionally, exclusive right and left turn lanes are provided at the intersections with Rutherford Road, Riverock Gate, Locke Street, Bagg Street, Courtland avenue/Edilcan drive and Langstaff Road.

Bass Pro Mills Drive is a four-lane roadway running east-west direction under the City of Vaughan's jurisdiction. It extends from Highway 400 in the west to Romina Drive just west of Jane Street. Recently the Bass Pro Mills Drive has been extended through the Mammone lands and connected to Jane Street opposite Locke Street. For the calibration of the existing model the Bass Pro Mills Drive extension to Jane Street was not considered as the traffic volumes available for the study area were collected before the extension has been operational. Bass Pro Mills Drive has ramp connections to Highway 400 South, accommodating northbound off movements and southbound on movements. West of Edgeley Boulevard, Bass Pro Mills Drive is a dividend roadway with a center median separating the eastbound and westbound traffic. East of Edgeley Boulevard Bass Pro Mills Drive carries two lanes each direction without a center median.

Edgeley Boulevard is a four-lane undivided minor arterial street running in the north-south direction. Edgeley Boulevard forms a signalized intersection with Bass Pro Mills Drive at its north end, a 4-way stop control intersection with Four Valley Drive and a signalized intersection with Langstaff Road to the south. Within the development vicinities, Edgeley Boulevard primarily provides the local accesses to the business establishments in the areas.

Langstaff Road, also known as York Regional Road 72, is a four-lane arterial street running primarily east-west direction under York Region's jurisdiction. Langstaff Road carries a center median west of Edgeley Boulevard and has intermittent center medians east of Edgeley Boulevard. Langstaff Road ends to the east at Canadian National Rail MacMillan Yard. West of Hwy 400, Langstaff Road continues



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

primarily through the residential districts and ultimately connects to Islington Avenue at the signalized intersection of Langstaff Road and Islington Avenue.

Weston Road is a York Region north-south arterial roadway with a posted speed limit of 60 km/h. Within the study area. Weston Road has a four-lane cross section with two lanes in each direction with a Two-Way-Left-Turn (TWLT) throughout the study area extent. Additionally, exclusive right and left turn lanes are provided at major intersections.

Figure 2-1 shows the existing lane configurations and control types at major intersections within the primary study area.

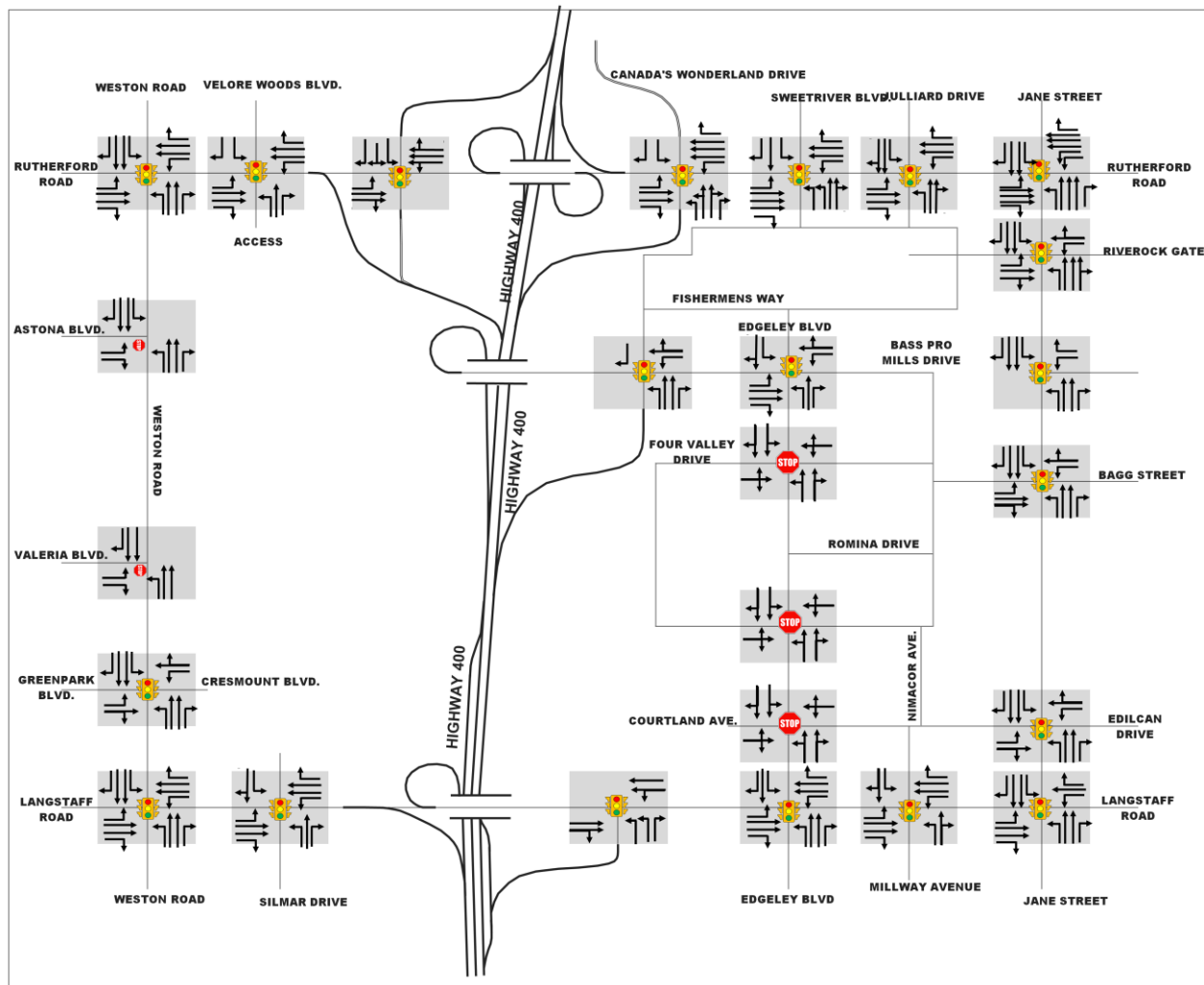


Figure 2-1: Primary Study Area Intersection Lane Configuration (Major Intersections)



2.2 EXISTING ACTIVE TRANSPORTATION

Figure 2-2 shows the existing bicycle facilities along the major and minor corridors within and around the study area. Overall, the study area intersections do not provide significant cycling or multi-use connections, however provisions for sidewalks are generally abundant. Of note is a shared roadway with sharrows on Jane Street south at the intersection of Jane Street and Rutherford Road, as well as an unsigned bike route on Springdale Road, adjacent to the intersection of Canada’s Wonderland Drive and Jane Street.

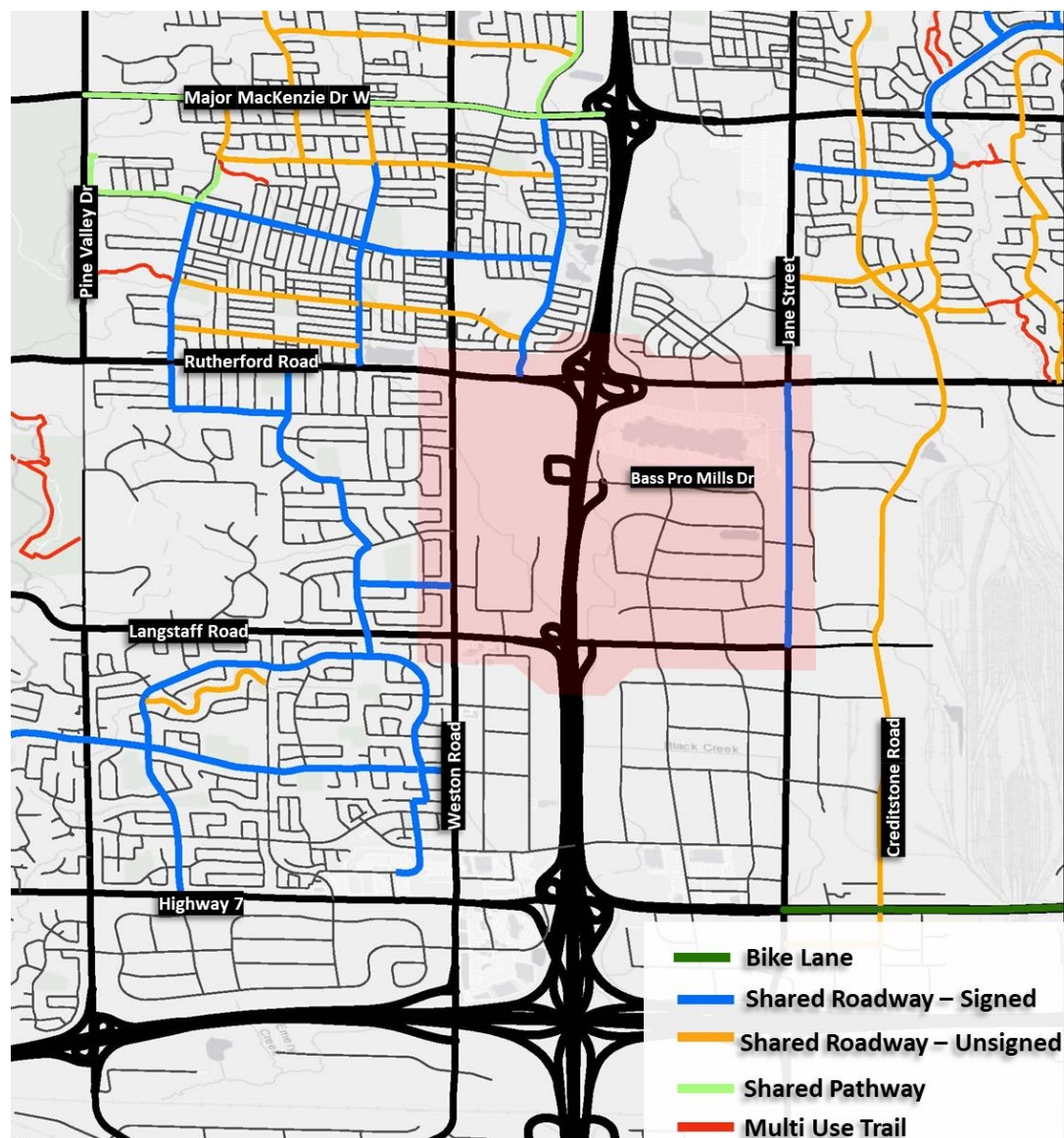


Figure 2-2: Bike infrastructure in the study area



2.3 EXISTING TRANSIT ROUTES

York Region Transit (YRT) currently operates eight transit routes within the primary study area. The majority of the routes utilize the Vaughan Mills Mall Terminal, located on the northeast side of Vaughan Mills Mall close to the intersection of Jane Street and Riverrock Gate. The existing transit network is illustrated in **Figure 2-3**. The YRT routes include:

Route 4 – Major Mackenzie, operates between Major Mackenzie/ Western Road and Markland Street/Hillmount Road with service provided Monday to Sunday and connects to Viva Blue at Yonge Street.

Route 12 – Pine Valley, operates between Vaughan Mills Mall Terminal and Islington & Steeles Loop with service provided Monday to Saturday and connects to Viva Orange at Highway 7.

Route 20 – Jane, a main north-south route operating primarily along Jane Street between York University and Mosque Gate & Teston Road operating Monday to Sunday and connects to Viva Orange at Vaughan Corporate Centre during weekdays, Interchange Way, and Viva Purple at York University

Route 26 – Maple, operates between Vaughan Mills terminal and America Avenue & Jane Street with service provided Monday to Sunday. It provides rush hour service to Vaughan Metropolitan Centre (VMC) bus terminal.

Route 85A/85B – Rutherford, operates between Rutherford Road/Napa Valley Avenue and Markham Stouffville Hospital with service from Monday to Sunday.

Route 87 – Autumn Hill, operates between Pioneer Village Terminal and Richmond Hill Centre Terminal with service provided Monday to Friday and connects to Viva Blue, Pink, and Purple at the Richmond Hill Centre Terminal.

Route 165 – Weston, operates between Pioneer Village Terminal and Major Mackenzie Dr. & Highway 400 with service provided Monday to Sunday and connects to Viva orange.

Route 760 – Vaughan Mills/Wonderland, operates between Canada's Wonderland and the Richmond Hill Centre Terminal with service provided on Saturdays and Sundays/Holidays and connects to Viva Blue, Pink, and Purple at the Richmond Hill Centre Terminal.

The area surrounding the subject site is considered to be well serviced by York Region Transit with additional transit connections to the Toronto Transit Commission, Brampton Transit, and Mississauga Transit and GO Transit. Additionally, rapid transit service is provided through York Region by the Viva with connections to Richmond Hill, Markham, Aurora, and Newmarket along with the City of Toronto.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

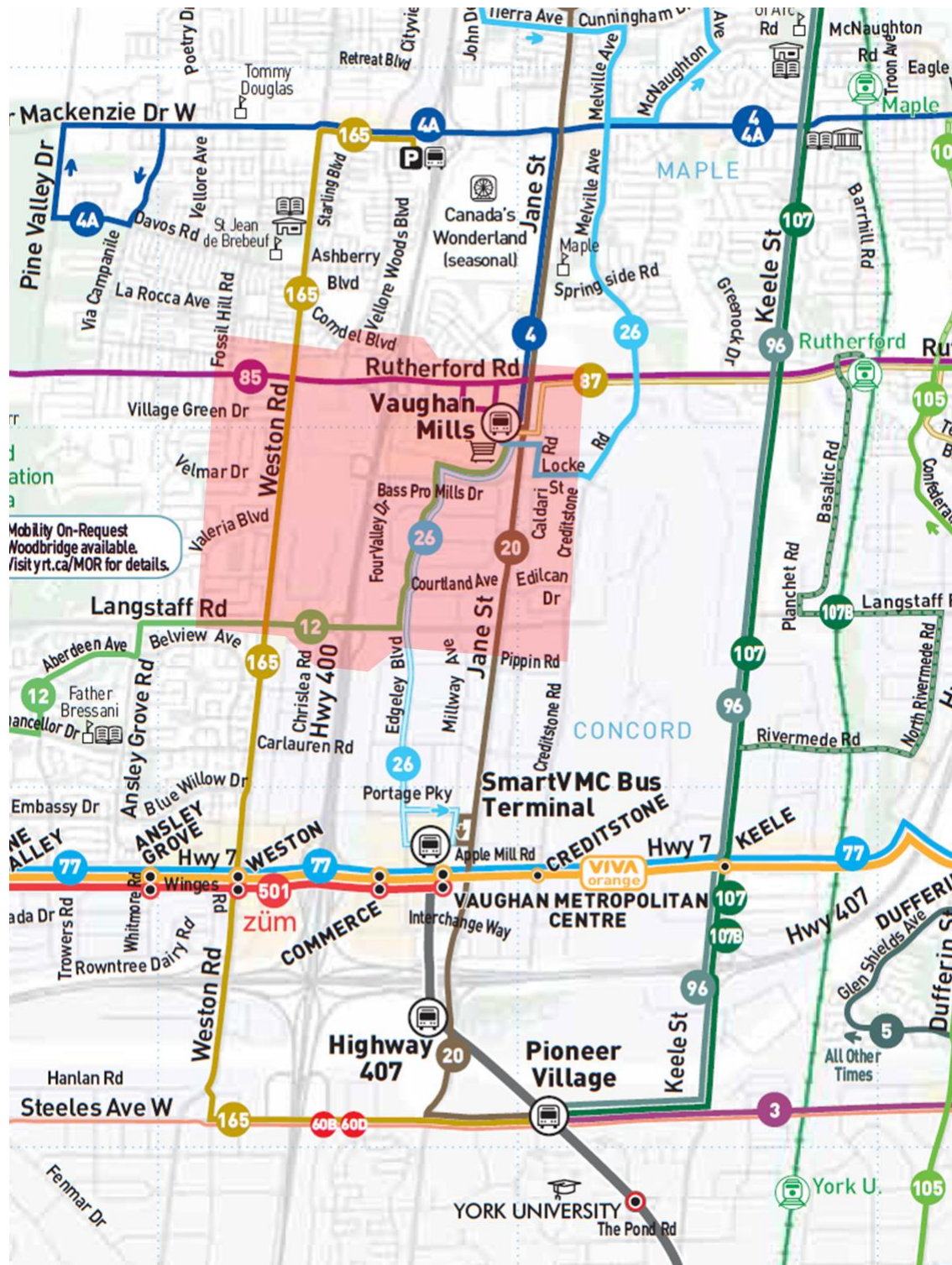


Figure 2-3 Transit Routes within the Study Area



2.4 EXISTING TRAVEL MODAL SPLIT

The study area modal splits compared to city-wide modal splits are outlined in **Table 2-1**. According to the 2016 Transportation Tomorrow Survey (TTS), the study area is predominantly car-oriented with 91% of trips originating and destined to the area in the AM peak period and 94% of trips in the PM peak period being auto-related. Transit accounts for 5% in the AM peak period and 6% in the PM peak period, while active transportation accounts for 4% in the AM peak period and almost zero in the PM peak period. The study area modal split, in comparison to the modal split for the entire City of Vaughan, illustrates the area is more auto orientated and although the transit share in the AM peak period is similar to city-wide proportions, it sees a lower proportion in the PM peak period that can mainly be attributed to shopping trips associated with the Vaughan Mills Centre.

Table 2-1: Study Area mode split

	Transit	Cycling	Auto	Walk	Other
AM Peak Period					
Vaughan Mills Mall	5%	2%	91%	2%	0%
City of Vaughan	5%	0%	85%	7%	2%
PM Peak Period					
Vaughan Mills Mall	6%	0%	94%	0%	0%
City of Vaughan	9%	0%	89%	1%	0%

2.5 TRAFFIC VOLUMES

Turning movement counts (TMCs) were obtained through a request to the City of Vaughan, York Region and the Ministry of Transportation (MTO). TMCs provided by the City of Vaughan were conducted in 2019. The counts obtained the from York region were conducted between 2003 to 2016. These TMCs contain AM, mid-day, and PM peak hour counts, including the number trucks, truck percentages, and pedestrian crossing counts.

Table 2-2 summarizes the count source and year for all intersections and **Appendix A** contains the collected traffic volume information.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

Table 2-2 Intersection Turning Movement Counts

Intersection ID	Intersection Name	Count Year	Source
101	Rutherford Road at Weston Road (Signalized)	2019	City of Vaughan
102	Rutherford Road at Vellore Woods Blvd. (Signalized)	2019	City of Vaughan
103	Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)	2019	City of Vaughan
104	Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	2019	City of Vaughan
106	Rutherford Road at Julliard Drive (Signalized)	2019	City of Vaughan
107	Rutherford Road at Jane Street (Signalized)	2019	City of Vaughan
108	Jane Street at Riverock Gate (Signalized)	2019	City of Vaughan
109	Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	2019	City of Vaughan
111	Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	2019	City of Vaughan
112	Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	2019	City of Vaughan
116	Jane Street at Bagg Street / Gensal Gate (Signalized)	2003	York Region
118	Jane Street at Langstaff Road (Signalized)	2019	City of Vaughan
119	Langstaff Road at Millway Avenue (Signalized)	2016	York Region
120	Langstaff Road at Edgeley Blvd. (Signalized)	2016	York Region
121	Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	2019	City of Vaughan
122	Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	2016	York Region
123	Langstaff Road at Weston Road (Signalized)	2019	City of Vaughan
124	Weston Road at Greenpark Blvd. (Signalized)	2016	York Region
125	Weston Road at Valeria Blvd. (Unsignalized)	2019	City of Vaughan
126	Weston Road at Astona Blvd. (Signalized)	2019	City of Vaughan
127	Hwy 400 at Rutherford Road (Unsignalized Ramps)	2016	MTO
128	Hwy 400 at Bass Pro Mills Drive (Unsignalized Ramp)	2017	MTO
129	Hwy 400 at Langstaff Road (Unsignalized Ramps)	2019	MTO

For all volumes at intersections counted prior to 2020, a growth rate of 2.5% was applied, as derived through our modelling analysis of the MTO's Greater Golden Horseshoe Model. **Table 2-3** shows a summary of total demand and the calculated growth rate.

Table 2-3 Growth Rate from GGHM Travel Demand Model

GGHMv4 Demand	AM Peak			PM Peak		
	Auto	Truck	Total	Auto	Truck	Total
2016	59,394	10,198	69,592	52,431	7,305	59,737
2031	85,379	11,208	96,587	77,034	8,170	85,204
Annual Growth Rate	2.4%	0.6%	2.2%	2.6%	0.7%	2.4%



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

As the counts were collected on different days, an imbalance in the number of vehicles exiting an intersection and those entering an upstream intersection was observed at some locations despite the absence of any side roads or large trip generators/attractors. The imbalances that were not justified were balanced to match the vehicles entering and exiting the intersections. The balancing process was conducted using the most recent data as the base and updating the older data to match them.

Figure 2-4 to Figure 2-11 show the existing 2020 peak hour volumes at study area intersections.

The weekend volumes at existing intersections were compared to the PM peak hour volumes to determine the need to build a weekend microsimulation model. **Table 2-4** summarizes the total intersection volumes during the AM, PM and Weekend peak hours. Overall, it is noted that the total Weekend volumes throughout the study area are around 4 % lower than the PM peak hour volumes. The only intersection that was observed to have considerably higher traffic during the weekend peak is the intersection of Bass Pro Mills Drive at the Highway 400 Northbound Off-Ramp that is impacted by weekend traffic to and from the Vaughan Mills Centre.

Table 2-4: Comparison of Intersections Existing Conditions Total Volumes for Weekday and Weekend Peaks

Intersection ID	Intersection Name	AM	PM	Weekend	Difference
101	Rutherford Road at Weston Road (Signalized)	4,832	5,740	5,738	0%
102	Rutherford Road at Vlore Woods Blvd. (Signalized)	4,082	5,363	4,627	-16%
103	Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)	3,122	4,082	4,141	1%
104	Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	5,049	6,000	5,723	-5%
106	Rutherford Road at Julliard Drive (Signalized)	3,935	4,034	4,290	6%
107	Rutherford Road at Jane Street (Signalized)	6,426	5,985	5,382	-11%
108	Jane Street at Riverock Gate (Signalized)	2,786	3,688	2,968	-24%
109	Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	2,419	2,851	2,167	-32%
112	Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	1,152	1,666	2,455	32%
123	Langstaff Road at Weston Road (Signalized)	4,591	4,644	4,881	5%
125	Weston Road at Valeria Blvd. (Unsignalized)	2,765	3,108	2,912	-7%
126	Weston Road at Astona Blvd. (Signalized)	3,024	3,223	3,127	-3%
Total			50,384	48,411	-4.1%



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

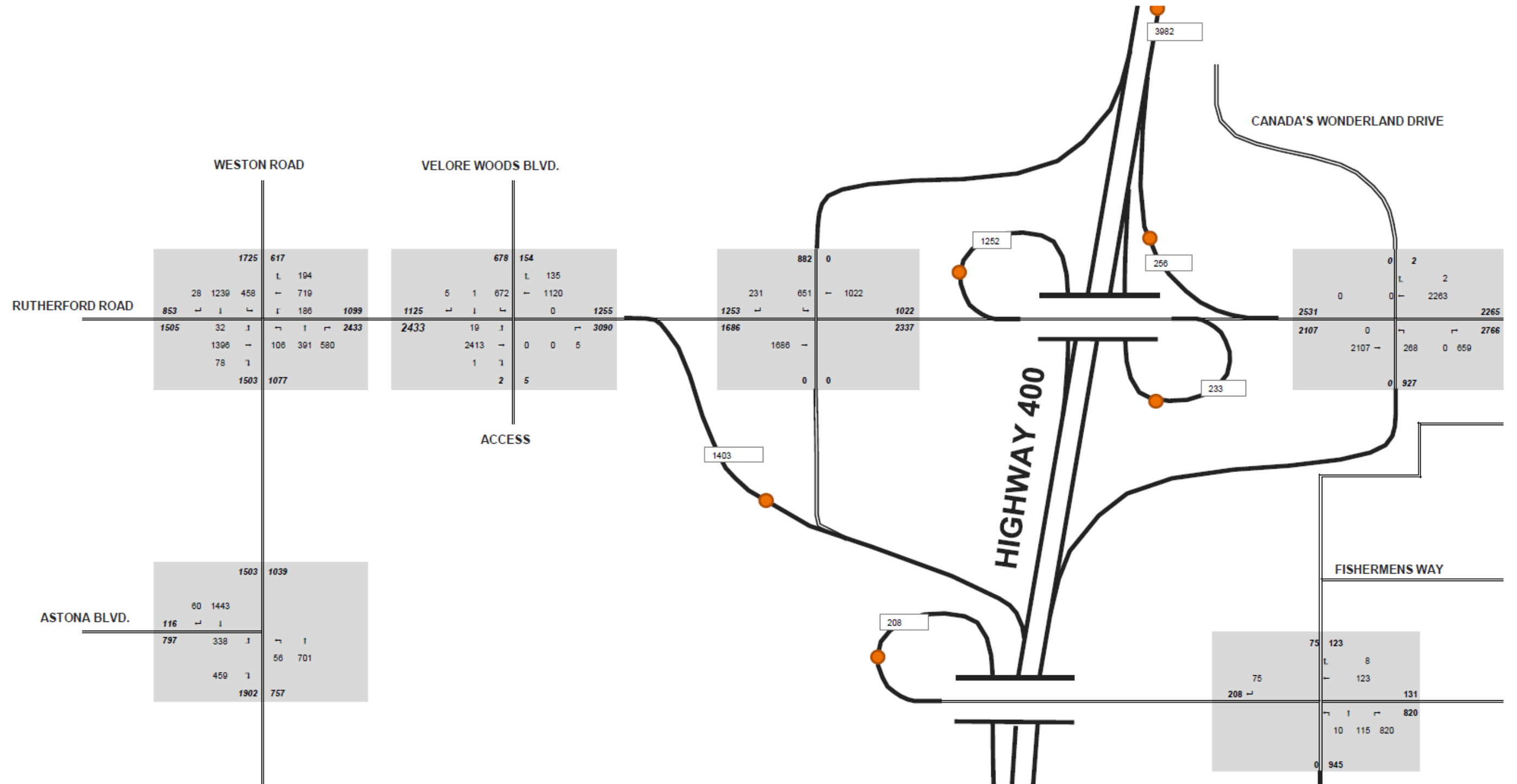


Figure 2-4: Existing Conditions 2020 | AM Peak Hour | (1/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

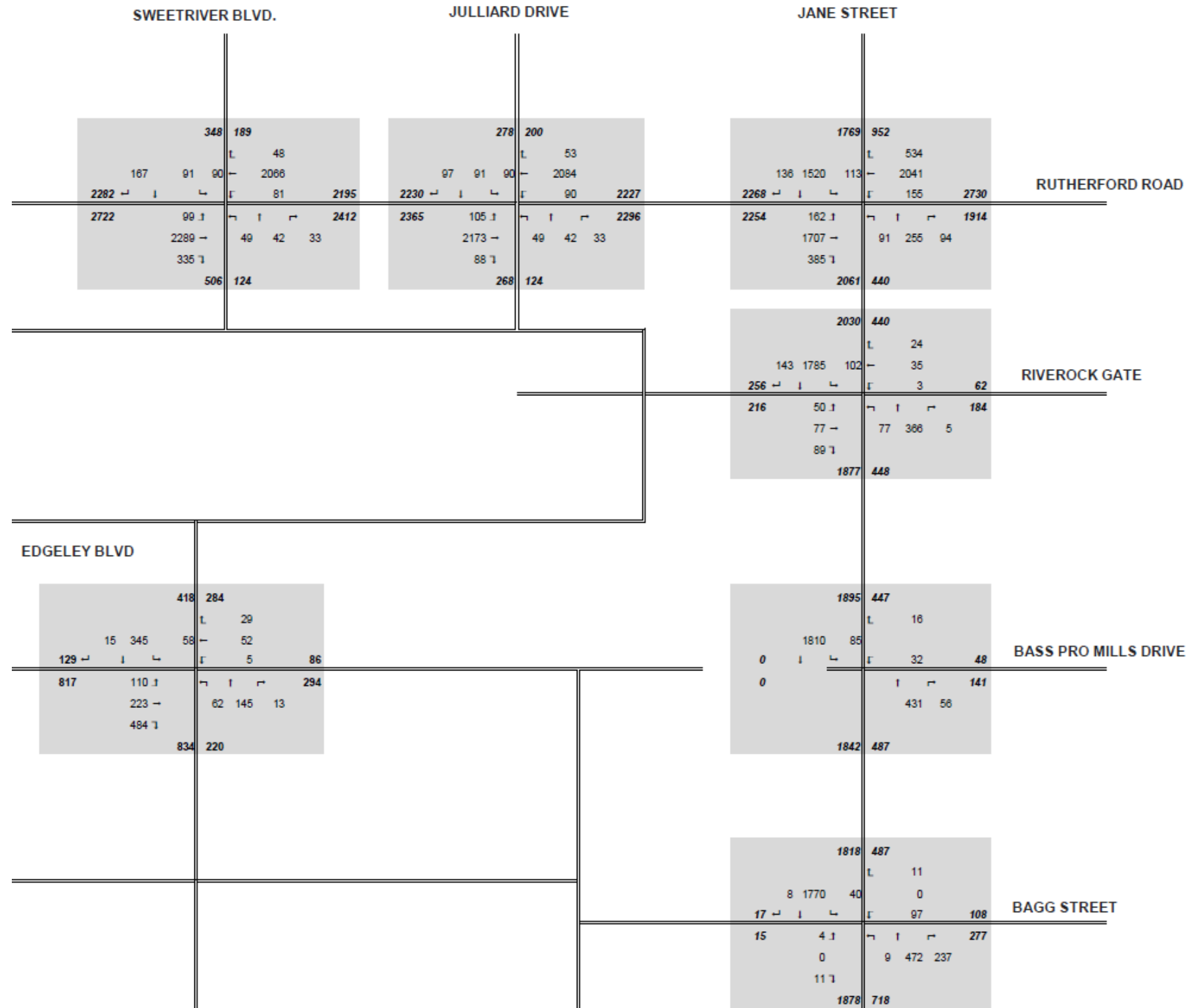


Figure 2-5: Existing Conditions 2020 | AM Peak Hour | (2/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

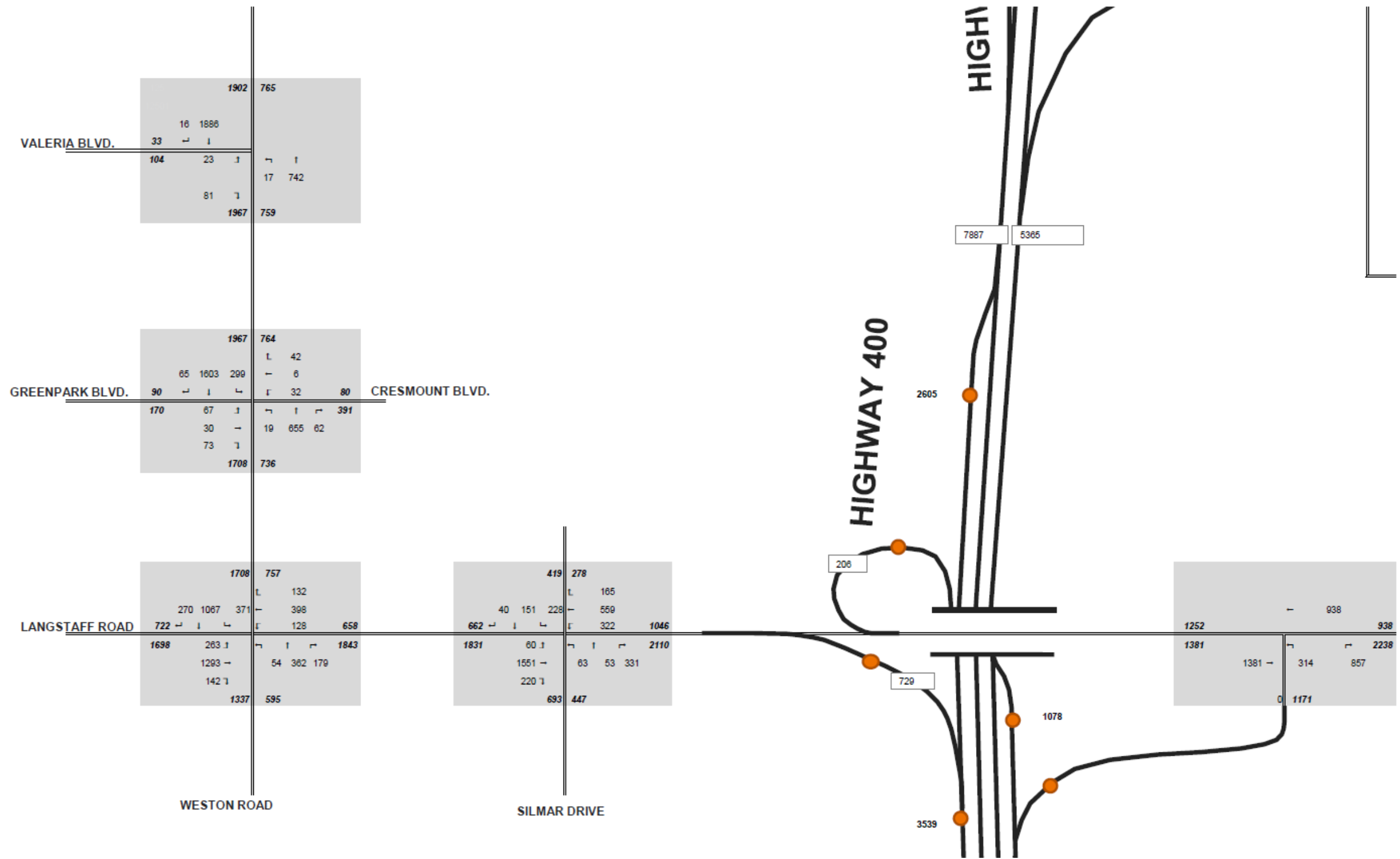


Figure 2-6: Existing Conditions 2020 | AM Peak Hour | (3/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

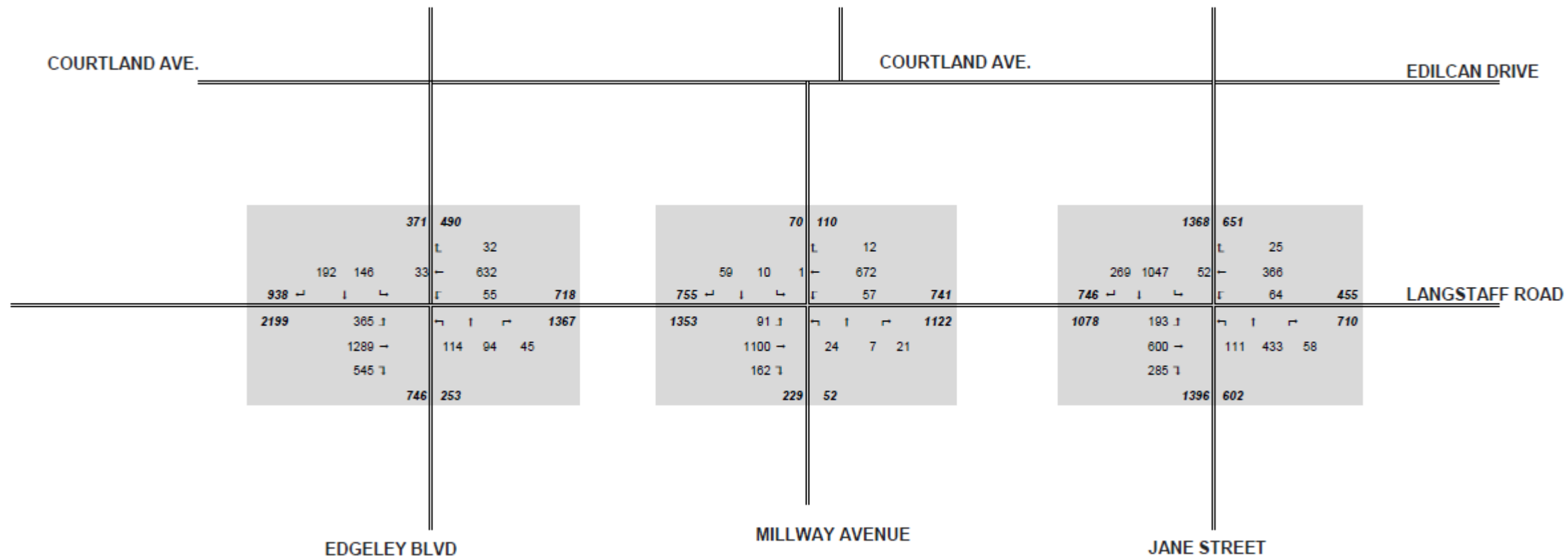


Figure 2-7: Existing Conditions 2020 | AM Peak Hour | (4/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

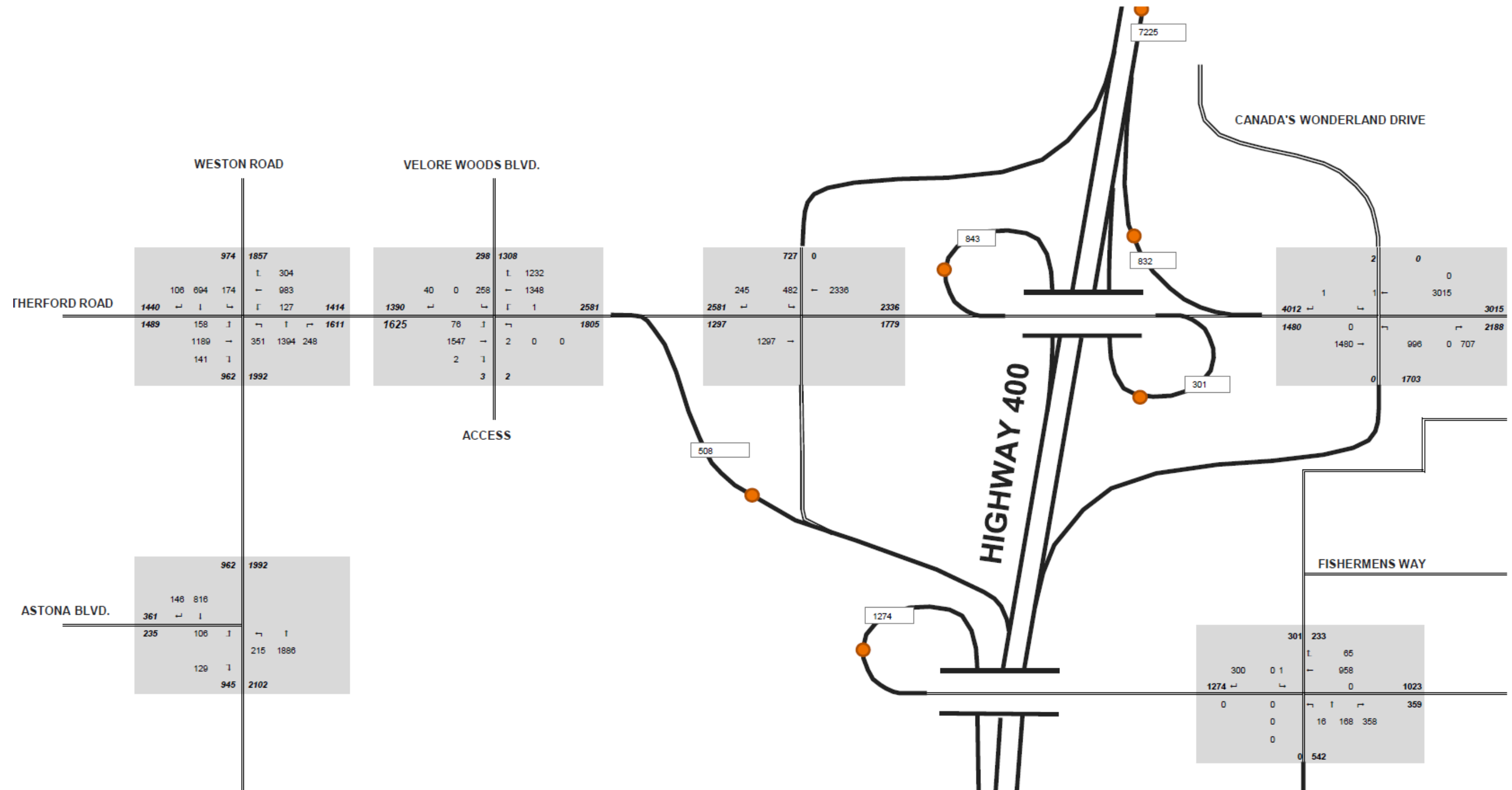


Figure 2-8: Existing Conditions 2020 | PM Peak Hour | (1/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

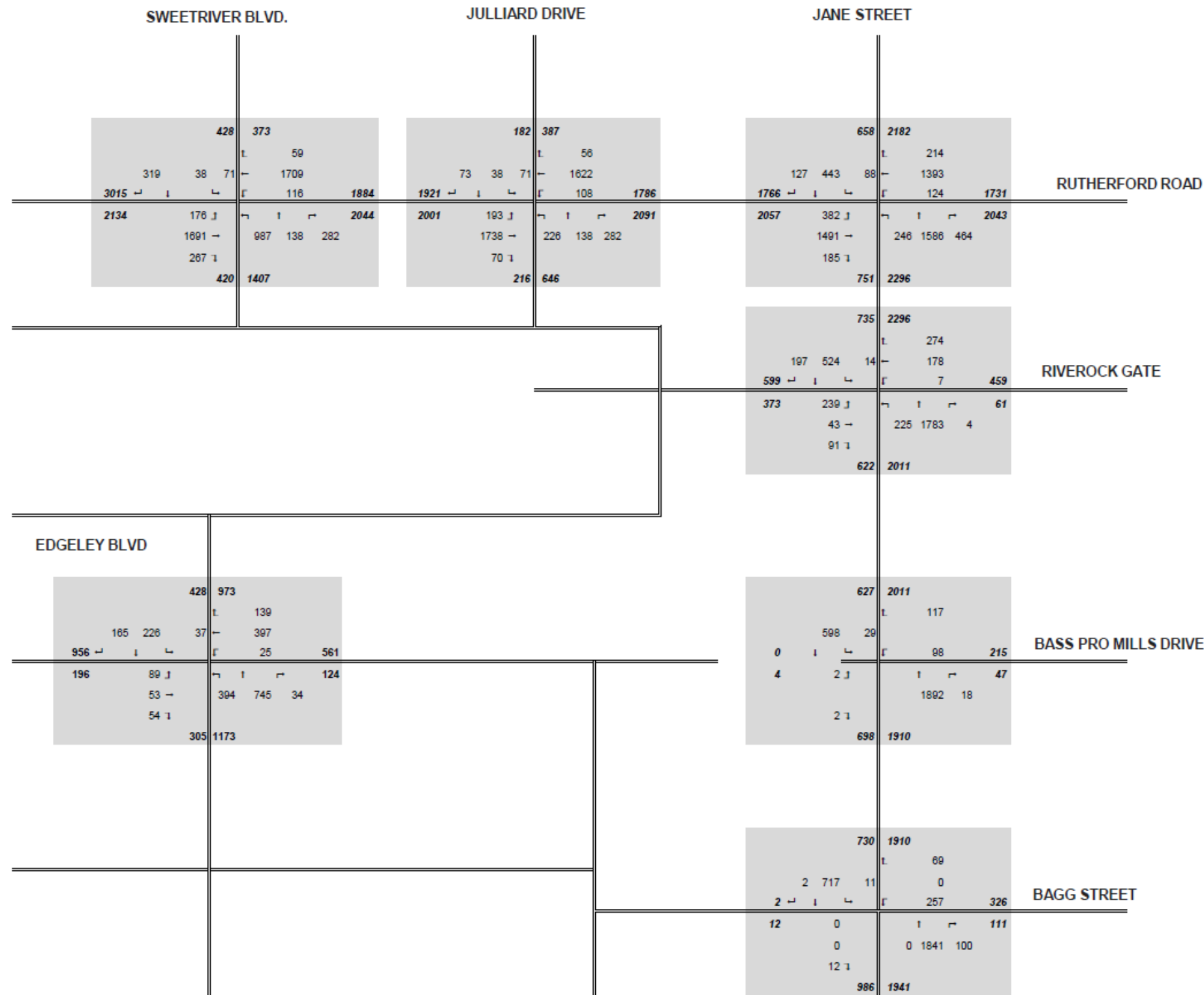


Figure 2-9: Existing Conditions 2020 | PM Peak Hour | (2/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

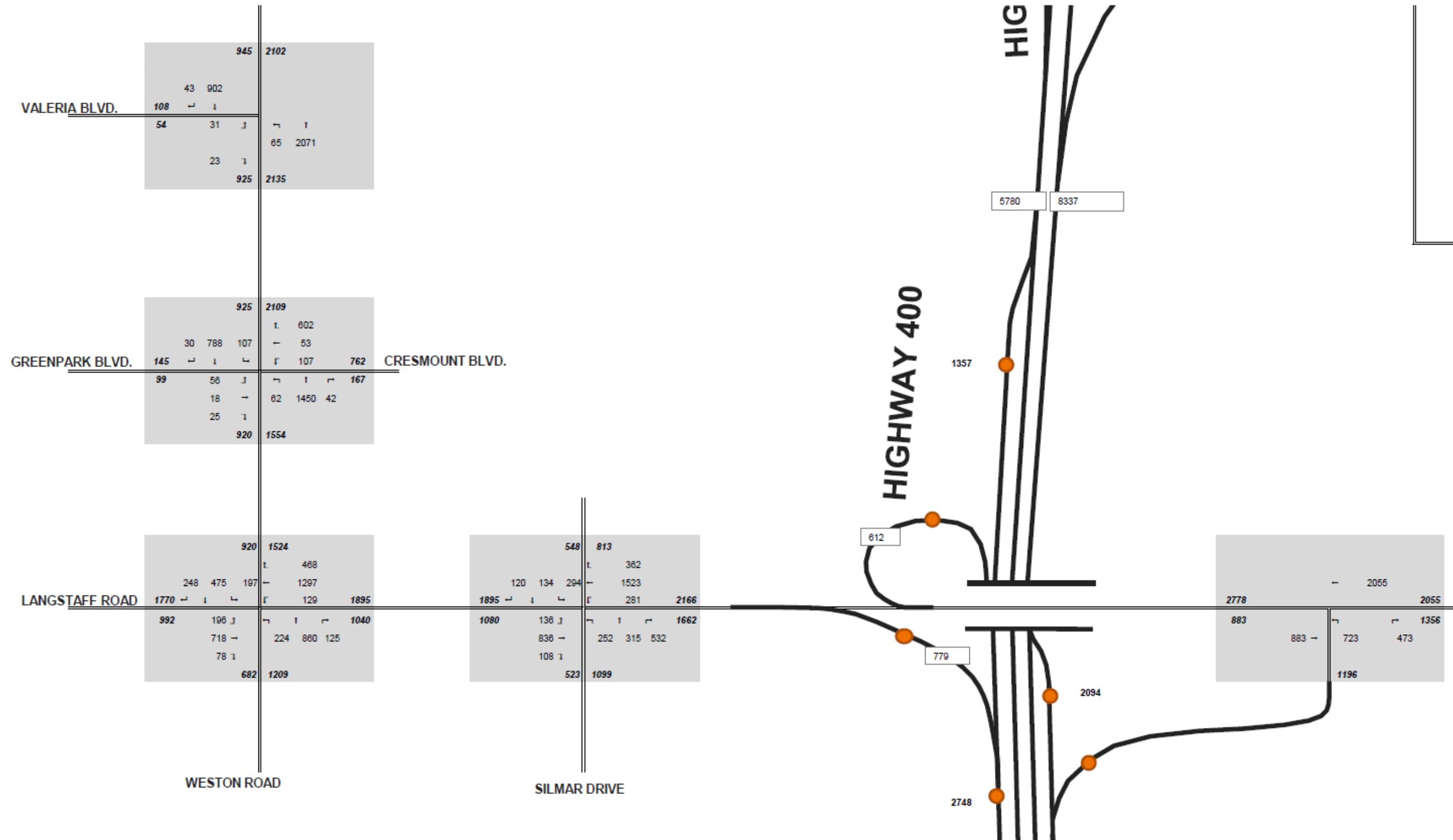


Figure 2-10: Existing Conditions 2020 | PM Peak Hour | (3/4)



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions Infrastructure

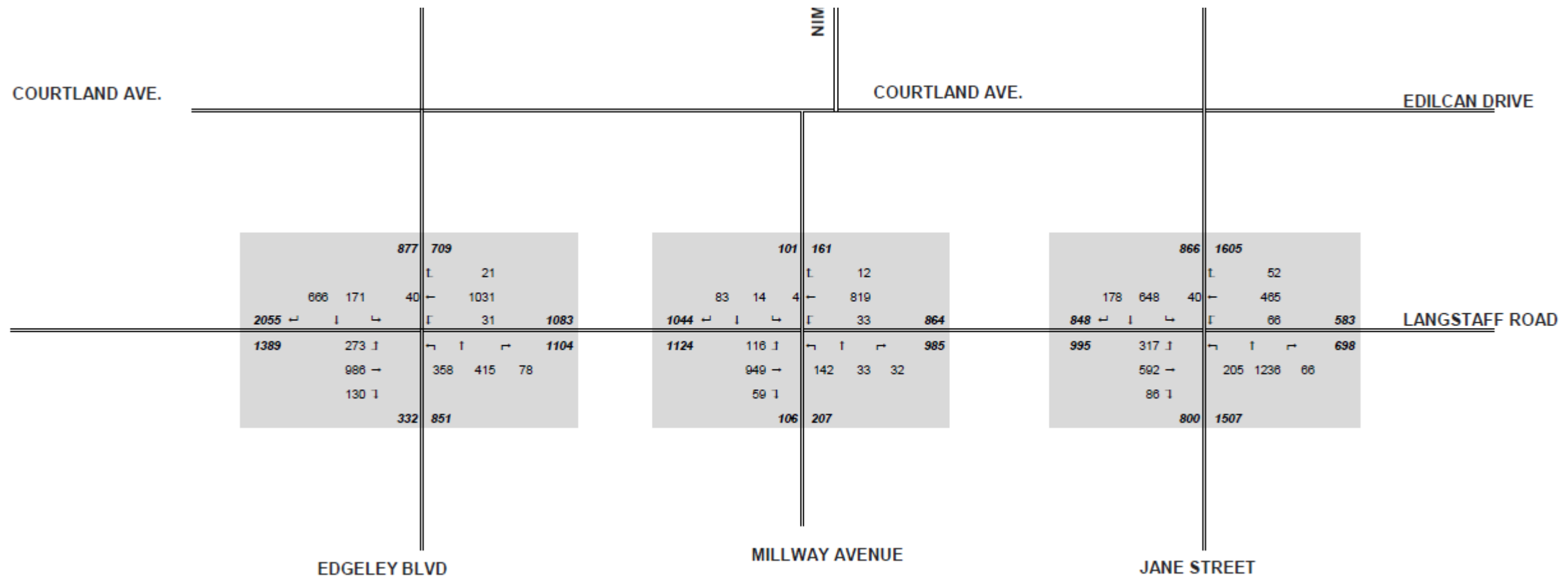


Figure 2-11: Existing Conditions 2020 | PM Peak Hour | (4/4)



3.0 EXISTING SAFETY REVIEW

Historical collision data were obtained from York Region and the City of Vaughan along the primary study area corridors for a five-year period from 2015 to 2019. The data included collisions at intersections and Midblock along Rutherford Road, Jane Street, Langstaff Road, Weston Road, Bass Pro Mills Drive and Edgeley Boulevard within the study area limits.

The collision data identifies the total number of collisions, characteristics related to initial impact types, types of collisions (i.e. 'Property Damage Only' (PDO), 'Injury', or 'Fatal'), and environmental conditions. A total of 1,220 collisions were recorded within the study during the five-year period.

3.1 COLLISIONS AT INTERSECTIONS

A review of the collision data at intersections was conducted and the main observations are listed as follows:

- Within the five-year period, 929 out of the 1,220 total collisions (approximately 76%) were recorded at study area intersections (as opposed to Mid-block locations). Over the years, the number of collisions at intersections has shown a slight downward trend with a 25% reduction from 2015 to 2019 (**Figure 3-1**). Most of the collisions at intersections occurred under 'clear' weather conditions (86%).
- The primary impact type was 'rear-end' (36%), followed by 'turning movement' and 'angle' which accounted for 33% and 13%, respectively (**Figure 3-2**). Approximately 73% of the collisions resulted in PDO and 27% of the collisions resulted in 'Injury' (i.e. non-fatal). No 'fatal' collisions were reported within the study area in the last 5-years.
- Following too close (23%), failing to yield right of way (21%), improper turning (19%) and disobeying traffic control (9%) are the initial driver actions that were most often recorded in collisions (**Figure 3-3**).

Table 3-1 illustrates the collision rates calculated for the study area intersections. The collision rates at study area intersections were calculated based on the following formula:

$$R = \frac{1,000,000 \times C}{365 \times V \times N}$$

Where:

R = Collision rate for the intersection expressed as accidents per million entering vehicles

C = Total number of collisions in the study period

N = Number of years of data

V = Traffic volumes entering the intersection daily

The highest collision rate is observed at the intersection of Weston Road and Rutherford Road. The second highest collision rate is observed at the intersection of Rutherford Road and Sweetriver Boulevard. The details of collision data for the study area intersections are presented in **Appendix B**.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Safety Review

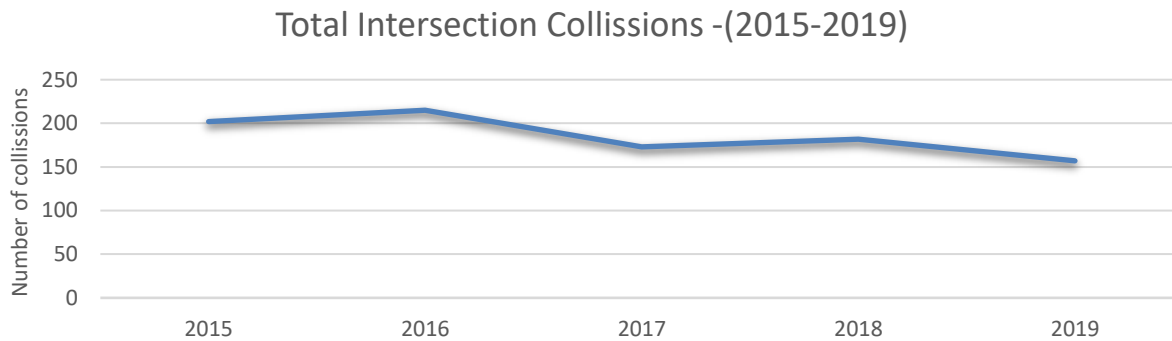


Figure 3-1 Total Intersection related Collisions

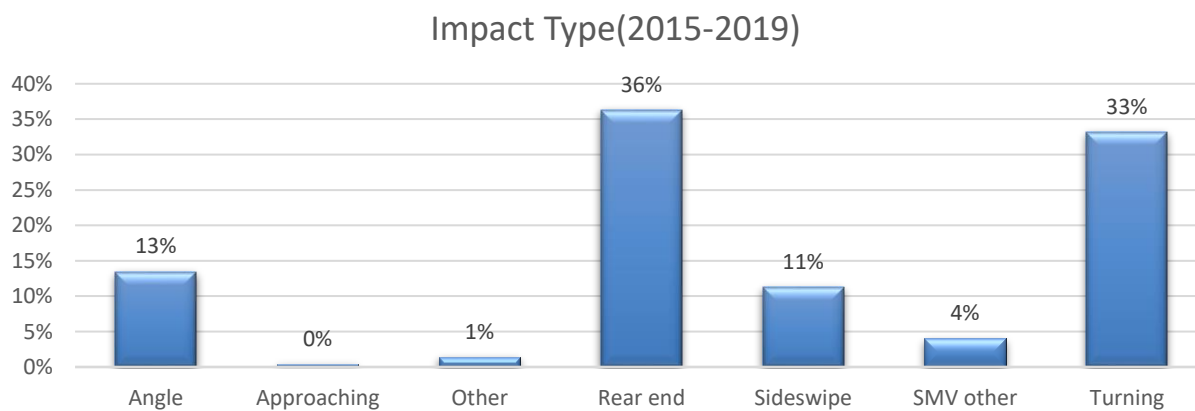


Figure 3-2 Impact Type | Intersection related collisions

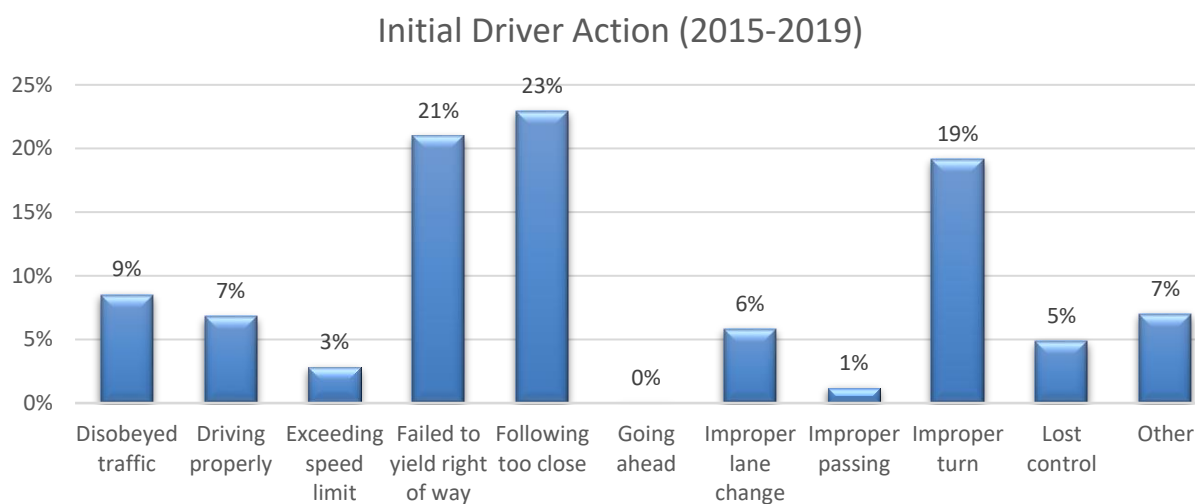


Figure 3-3 Initial Driver Action | Intersection related Collisions



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Safety Review

Table 3-1: Study Area Intersections Collision Rates

Intersections	Collisions (C)	Daily Volume (V)	Data Period (N)	Collision Rate (R)
Bass Pro Mills Drive & Highway 400	2	20,453	5	0.05
Bass Pro Mills Drive & Edgeley Boulevard\Fishermens Way	8	26,371	5	0.17
Hwy 400 NB Ramp & Rutherford Road	25	71,672	5	0.19
Hwy 400 SB Ramp & Rutherford Road	13	54,459	5	0.13
Jane Street & Bagg Street/Gensal Gate	26	38,342	5	0.37
Jane Street & Langstaff Road	41	50,415	5	0.45
Jane Street & Locke Street/Bass Pro Mills Drive	8	35,089	5	0.12
Jane Street & Riverock Gate	32	42,840	5	0.41
Jane Street & Rutherford Road	119	94,249	5	0.69
Langstaff Road & Edgeley Boulevard	42	52,356	5	0.44
Langstaff Road & Exit 30	12	213,401	5	0.03
Langstaff Road & Millway Avenue	13	30,517	5	0.23
Langstaff Road & Silmar Drive/Terecar Drive	38	58,950	5	0.35
Rutherford Road & Julliard Drive	88	64,990	5	0.74
Rutherford Road & Sweetriver Boulevard	114	72,991	5	0.86
Rutherford Road & Vellore Woods Boulevard	55	59,363	5	0.51
Weston Road & Astona Boulevard	17	42,989	5	0.22
Weston Road & Greenpark Boulevard/Crestmount Boulevard	19	42,562	5	0.24
Weston Road & Langstaff Road	71	65,437	5	0.59
Weston Road & Rutherford Road	155	75,812	5	1.12
Weston Road & Valeria Boulevard	17	39,898	5	0.23



3.2 COLLISIONS AT MID-BLOCK

A review of the collision data at mid-block locations was conducted and the main observations are listed as follows:

- Within the five-year period, 291 out of the 1,220 total collisions (approximately 24%) were recorded at mid-block locations (i.e. between study intersections. The total number of collisions at midblock locations has remained family similar over the years with a peak in 2017(**Figure 3-4**). Most of these collisions occurred under ‘clear’ weather conditions (91%).
- The primary impact type was ‘rear-end’ (34%), followed by ‘turning movement’ and ‘sideswipe’ which accounted for 21% and 20%, respectively (**Figure 3-5**). Approximately 79% of the collisions resulted in property damage only (PDO) and approximately 21% of the collisions resulted in ‘Injury’ (i.e. non-fatal). No ‘fatal’ collisions were reported in the last 5 years.
- Failing to yield right of way (27%), Following too close (19%), improper turning (12%) and improper lane change (11%) are the initial driver actions that are most often recorded in collisions (**Figure 3-6**).

Table 3-2 illustrates the collision rates calculated for the study area road segments. The collision rates at study area road segments were calculated based on the following formula:

$$R = \frac{1,000,000 \times C}{365 \times V \times N \times L}$$

Where:

R = Collision rate for the road segment expressed as accidents per million vehicles

C = Total number of collisions in the study period

N = Number of years of data

V = Traffic volumes daily

L = Road segment length in kilometer

The highest collision rate is observed at Rutherford Road between Weston Road and Vellore Woods Boulevard. The collision rate in this segment is 100% higher than the segment with the second highest collision rate that happens along Rutherford Road between Highway 400 northbound off-ramp and Sweetriver Road.

The details of the collision data for the study area intersections are provided for reference in **Appendix B**.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Safety Review

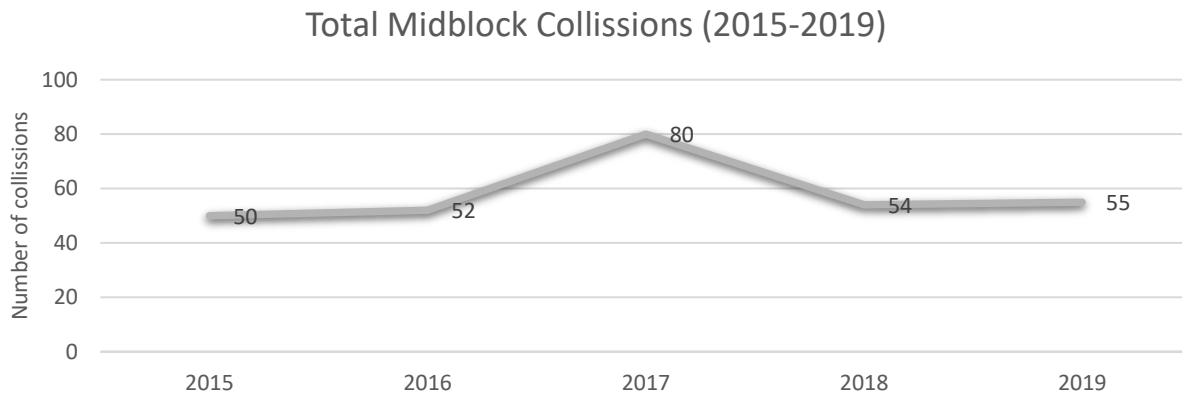


Figure 3-4 Total Midblock Collisions

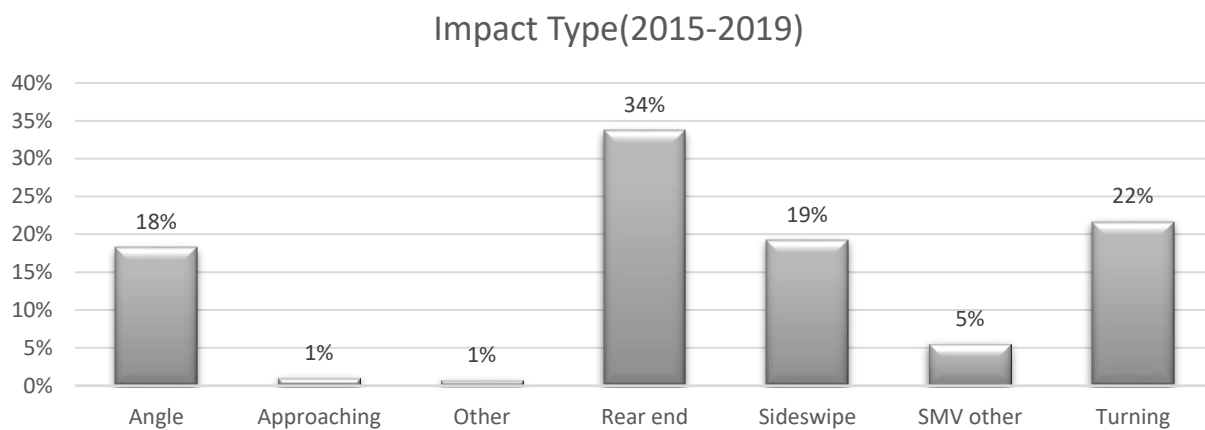


Figure 3-5 Impact Type | Midblock collisions

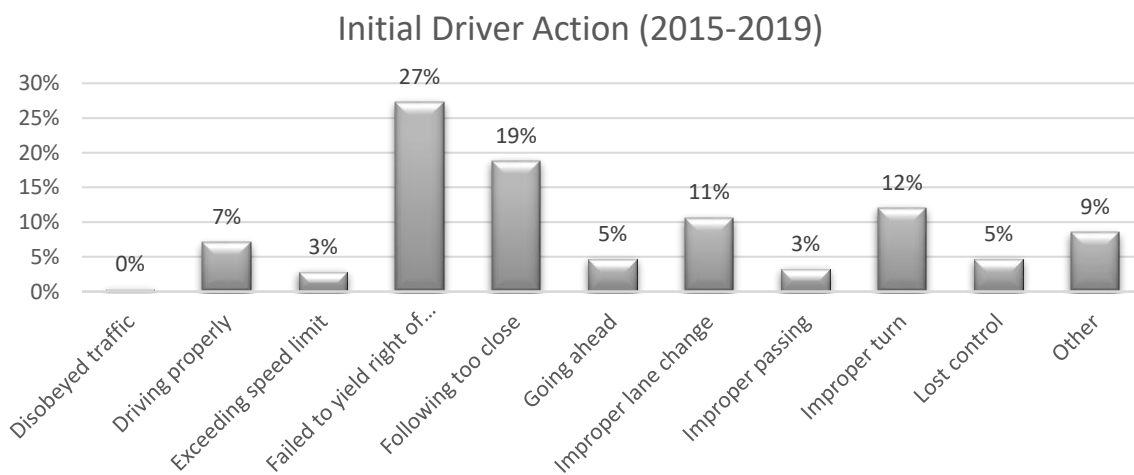


Figure 3-6 Initial Driver Action | Midblock Collisions



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Safety Review

Table 3-2: Study Area Road Segments Collision Rates

Road Segments	Collisions (C)	Daily Volume (V)	Data Period (N)	Length (L)	Collision Rate (R)
Bass Pro Mills Drive - Highway 400 to Edgeley Boulevard	5	11,227	5	0.690	0.35
Bass Pro Mills Drive - Edgeley Boulevard to Romina Drive	4	11,227	5	0.500	0.39
Jane Street - Bagg Street/Gensal Gate to Locke Street/Bass Pro Mills Drive	3	35,217	5	0.450	0.10
Jane Street - Riverrock Gate to Rutherford Road	11	35,332	5	0.365	0.47
Jane Street - Langstaff Road to Edilcan Drive/Courtland Avenue	5	29,374	5	0.315	0.30
Langstaff Road - Edgeley Boulevard to Millway Avenue	7	36,448	5	0.425	0.25
Langstaff Road - Exit 30 to Edgeley Boulevard	7	13,737	5	0.380	0.73
Langstaff Road - Millway Avenue to Jane Street	5	21,041	5	0.362	0.36
Langstaff Road - Silmar Drive/Terecar Drive to Exit 30	8	41,954	5	0.500	0.21
Langstaff Road - Weston Road to Silmar Drive/Terecar Drive	23	35,461	5	0.300	1.18
Rutherford Road - Exit 33 to Canada's Wonderland Drive	21	56,928	5	0.346	0.58
Rutherford Road - Exit 33 to Sweetriver Boulevard	46	56,671	5	0.330	1.35
Rutherford Road - Julliard Drive to Jane Street	14	59,329	5	0.280	0.46
Rutherford Road - Sweetriver Boulevard to Julliard Drive	21	57,388	5	0.285	0.70
Rutherford Road - Vellore Woods Boulevard to Exit 33	12	52,714	5	0.255	0.49
Rutherford Road - Weston Road to Vellore Woods Boulevard	71	36,712	5	0.390	2.72
Weston Road - Astona Boulevard to Rutherford Road	36	39,093	5	0.594	0.85
Weston Road - Greenpark Boulevard/Crestmount Boulevard to Valeria Boulevard	5	35,048	5	0.465	0.17
Weston Road - Langstaff Road to Greenpark Boulevard/Crestmount Boulevard	3	29,976	5	0.373	0.15
Weston Road - Valeria Boulevard to Astona Boulevard	14	38,829	5	0.657	0.30



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Safety Review

3.3 BASS PRO MILLS CORRIDOR

A total of 19 collisions were reported along Bass Pro Mills Drive during the 5-year period accounting for less than 2% of the study area collisions. 10 collisions at the corridor intersections and 9 collisions at the Mid-block locations (as shown in **Table 3-3** and **Table 3-4**) were recorded between 2015 to 2019.

Due to the relatively lower number of collisions recorded, no distinct pattern or safety concerns were identified along Bass Pro Mills Drive.

Table 3-3 Total Collisions along Bass Pro Mills Drive (2015-2019)

Intersection	Collisions
Bass Pro Mills Drive & Highway 400	2
Bass Pro Mills Drive & Edgeley Boulevard\Fishermens Way	8
Midblock	Collisions
Bass Pro Mills Drive - Highway 400 to Edgeley Boulevard	5
Bass Pro Mills Drive - Edgeley Boulevard to Romina Drive	4

Table 3-4 Bass Pro Mills Drive Collisions Based on Initial Driver Action (2015-2019)

Driver action	Collisions
Disobeyed traffic control	3
Driving Properly	1
Failed to yield right of way	3
Following too close	3
improper passing	1
improper turn	3
Improper lane change	2
lost control	2
other	1



4.0 EXISTING CONDITIONS MICROSIMULATION MODEL DEVELOPMENT

4.1 MODELLING APPROACH

The study scope includes the development, calibration, and validation of a microscopic simulation traffic model using Aimsun Next version 8.4.0 software. To support the transportation objectives of the Project, a simulation framework was utilized which is capable of conducting dynamic assignment where multiple route choices are available in the model for a given origin-destination (OD) pair, and the modelled study area has sufficient network depth, but also maintains a reasonable level of detail to ensure proper calibration. The microscopic simulation model considers a multi-modal framework where the interactions between vehicular traffic (cars, buses, and trucks) within the road network and with pedestrians at the intersections are taken into consideration.

4.2 MODEL DEVELOPMENT

4.2.1 Modelling Software

The existing conditions traffic model for weekday AM and PM peak hours was developed using Aimsun Next version 8.4.0 software. The Aimsun Next software package uses a robust simulation program that integrates macroscopic, mesoscopic, and microscopic levels of analysis and supports multiple modes of transportation, driver behaviours, complex roadway geometries and advanced traffic signal controller logic. The existing conditions model was developed with a multi-modal understanding, accounting for interactions between vehicular users of the study area including cars, buses, and trucks alike. The pedestrian mode is included in the microscopic model at the signalized intersections where semi-actuated signals are present and are triggered only when a vehicular or pedestrian call is detected.

The microscopic simulation model was developed using a dynamic traffic assignment strategy. Base Origin-Destination (OD) travel demand matrices for the AM and PM peak hour car and truck modes were extracted from the subarea models from the MTO's GGHMv4 for the study area and further adjusted in Aimsun based on observed turning movement counts for both car and truck modes, which were used as inputs for the dynamic assignment procedure. Pedestrian volumes at the intersections were extracted from the traffic count data, and bus route schedules were used to model the transit vehicles and their stops.

4.2.2 Modelled Network

The road network was modelled based on existing configurations as observed from aerial imagery and confirmed through site observations as required. As it was discussed in previous sections, the extension of Bass Pro Mills Drive from Romina Drive to Jane Street was not included in the model development and calibration and validation, as the available traffic counts were dated prior to the implementation of this extension. The COVID-19 impacts on traffic, particularly with consideration of limitations applied to the



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

Vaughan Mills Outlet Mall as the main destination in the primary study area, made collecting new data unfeasible at the time this model was developed, calibrated, and validated.

All signalized and major unsignalized intersections were modelled in the study area. These representative access points allow traffic input to be reasonably assigned to/from each traffic analysis zone (TAZ) and represent realistic travel patterns for users.

4.2.3 Existing Transit Routes

Existing transit routes were modelled based on York Region Transit (YRT) existing service routes and headways obtained from agency's website. **Table 4-1** shows the existing YRT bus routes that operate within the study area during the AM and PM peak hours and the headways modelled in the peak hours.

Table 4-1: Existing Transit Routes

Route Number/Name	Frequency Weekday AM	Frequency Weekday PM
4- Major Mackenzie	30 minutes	30 minutes
12- Pine Valley	30 minutes	30 minutes
20- Jane	12 minutes	13 minutes
21- Vellore	60 minutes	60 minutes
26- Maple	27 minutes	30 minutes
85- Rutherford	27 minutes	24 minutes
87- Autumn Hill	35 minutes	40 minutes
165- Weston	30 minutes	35 minutes



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

4.2.4 Base Travel Demand

Base Origin-Destination (OD) travel demand matrices for the AM and PM peak hour car and truck modes were extracted from the subarea models from the GGHMv4 for the study area. These were further adjusted in Aimsun based on observed turning movement counts for both car and truck modes that were used as inputs for the dynamic assignment procedure. Further details are presented in the following sections of this report.

Traffic Analysis Zones (TAZs) in the GGHMv4 were originally developed to support traffic analysis at a macroscopic or regional level. A review showed that the size of the TAZs within the model were not appropriate for a microscopic simulation study. Therefore, GGHMv4 TAZs were further disaggregated to better reflect the land use and road network access points in the modelled area to better represent traffic production and attraction areas in the model. The GGHM v4 subarea included 27 centroids with only three internal TAZs and 24 gates present within the study area. As a result of zone disaggregation, the Aimsun model included 57 centroids with 28 internal TAZs and 29 gates within the study area. A comparison of the GGHMv4 and Aimsun coded road network and centroids are presented in **Figure 4-1**.

The full conversion table between GGHMv4 and Aimsun TAZs is provided in **Appendix C**. Total trips to and from the original TAZs were proportionately distributed based on the area of their disaggregated TAZs in the Aimsun model, and a review of their land use and associated traffic volumes for their entrance/exit points where available.

The disaggregated GGHMv4 car and truck OD demands for the weekday AM and PM peak hours were used as the base auto and truck demand matrices for the Aimsun microscopic simulation model. The total car demand in the study area was approximately 24,449 and 21,282 in the AM and PM peak hours, respectively. The total truck demand in the study area was approximately 3,692 and 2,929 in the AM and PM peak hours, respectively. The base car and truck demand matrices were further adjusted to observed traffic counts as described in **Section 2.5**.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

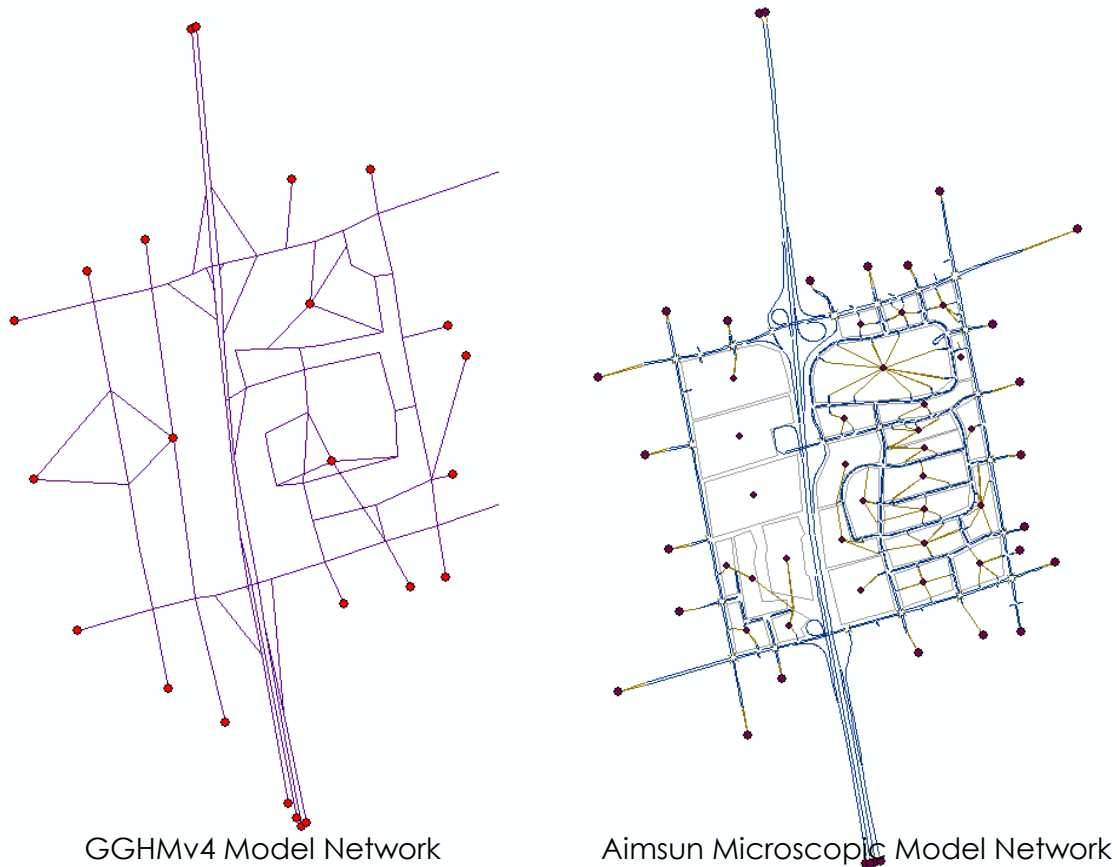


Figure 4-1: Study Area Road Network and Centroids in GGHMv4 and Aimsun Models



4.3 MODEL CALIBRATION AND VALIDATION

4.3.1 Calibration Objectives

The objective of model calibration is to obtain a reasonable match between model performance estimates and field measurements of performance. The criterion adopted from the Federal Highway Administration (FHWA) Traffic Analysis Toolbox provides guidance on what constitutes a calibrated model. The main components include:

- link and turn volumes, modelled versus observed and
- auto travel time, modelled versus measured travel times.

Table 4-2 provides criteria commonly used when comparing modelled versus observed traffic data.

Table 4-2: Calibration Acceptance Targets

Models	Criteria #	Criteria and Measures	Acceptance Criteria	Calibration Acceptance Targets
Hourly Flows, Model Versus Observed Individual Link Flows:	1-1	For Observed Traffic Volume between 700 veh/h and 2700 veh/h	Observed vs. modelled volume within 15%,	> 85% of case
	1-2	For Observed Traffic Volume less than 700 veh/h	Observed vs. modelled volume within 100 veh/h	> 85% of cases
	1-3	For Observed Traffic Volume more than 2700 veh/h	Observed vs. modelled volume within 400 veh/h	> 85% of cases
	2	Sum of All Link Traffic Volumes for observed and modelled	-	Within 5% of sum of all link counts
	3	GEH Statistic < 5 for Individual Link Flows	-	> 85% of cases (For turn flow a general acceptance target of 75% is considered)
Travel Times / Speeds, Model Versus Observed Journey Times, Network:	4-1	Modelled travel time within ±1 minute for routes with observed travel times less than 7 minutes	-	> 85% of cases
	4-2	Modelled travel time within ±15% for routes with observed travel times greater than 7 minutes	-	> 85% of cases

A comparison between modelled and observed turning movement volumes will be conducted to assess validation of traffic volumes in the Aimsun model. Relative difference and Geoffrey E. Havers (GEH) comparison measure statistics will be used for turning movement volume comparison. The GEH statistic is used to compare sets of traffic volumes and incorporates both relative and absolute differences into one formula. The GEH statistic is represented by the equation as follows:



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

$$GEH = \sqrt{\frac{(M - O)^2}{0.5 * (M + O)}}$$

Where:

- M: simulated flows
- O: observed flows

Various GEH values give an indication of a goodness of fit as outlined below:

- GEH < 5 Flows can be considered a good fit
- 5 < GEH < 10 Flows may require further investigation
- GEH > 10 Flows cannot be considered to be a good fit

4.3.2 Key Model Inputs and Assumptions

Table 4-3 summarizes the Aimsun modelling inputs used in the static Origin-Destination (OD) adjustment and microscopic simulation modelling. The table includes an overview of the key inputs required for the existing conditions AM and PM peak hour models.

Table 4-3: Aimsun Model Key Inputs

Key Input	Input Parameter	Existing Conditions
<i>Geometry</i>	Lane Configurations & Widths	Based on existing geometry
	Turn Lanes/Storage	Left and right turn lanes per existing conditions
	Road Types	See Appendix D
<i>Volumes & Input Data</i>	Vehicle Traffic Demand	As described in this report
	Truck Demand	As described in this report.
	Initial Simulation State	30 minutes warm-up - 50% of peak hour demand considering an extended peak hour
<i>Traffic Signal Operations</i>	Traffic Signal Timing	Per existing timing plans (all as semi-actuated)
	Coordinated Signal Systems	Coordinated systems maintained, per offsets provided
<i>Transit Plans</i>	Bus Routes	Updated as per existing bus routes.
	Headways	Updated as per existing headways.
<i>Demand Data</i>	Base Matrices	Developed based on 2016 GGHMv4 subarea model
	Real Data Set (RDS)	Developed from balanced traffic counts
	Driving Behaviour	See Appendix F
	Static OD Adjustment Parameters	See Appendix E
	Microscopic Model Parameters	See Appendix F

4.3.3 Aimsun Next Microscopic Model Calibration and Validation

The model was simulated in Aimsun Next using a microscopic simulation Dynamic User Equilibrium (DUE) experiment. The DUE scenario uses auto and truck demands as inputs and distributes the origin-destination demand in an iterative traffic assignment such that travel times on competing paths are equal. In a DUE experiment, vehicle route choices are determined based on the experienced travel time from previous iterations.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

4.3.3.1 Scenario 1 - Aimsun Next Microscopic Model with Base Travel Demand

A microscopic simulation model was developed using the travel demand extracted from the GGHMv4 model to evaluate the accuracy of the demand matrices extracted from the macro model and also to evaluate the requirement and impact of utilizing Aimsun Next's Origin-Destination (OD) adjustment on traffic patterns in the study area.

Base travel demand matrices were calculated based on the auto and truck demand extracted from the GGHMv4 model and disaggregated based on the proposed zone disaggregation described earlier in **Section 4.2.4**. The base demand matrices were assigned to the modelled network at a microscopic simulation level. The microscopic simulation Dynamic User Equilibrium (DUE) experiment was executed using an incremental approach where initially only 90% of the demand was assigned to the road network before assigning the whole demand for 20 iterations using a Gradient Based model. The results of the assignment were used as the baseline to compare the impact of OD adjustment.

A summary of the calibration results of modelled and observed turning volumes, against the calibration objectives described in **Section 4.3.1** for Scenario 1 at the turning movement level in the AM and PM peak hours is presented in **Table 4-4**. In the AM peak hour, approximately 45% of turning movement volumes have an acceptable GEH statistic less than 5, and 73% are less than 10 (cumulative of turns with a GEH value less than 5). In the PM peak hour, approximately 30% of turning movement volumes have an acceptable GEH statistic less than 5 and 62% are less than 10 (cumulative of turns with a GEH value less than 5). The other calibration and validation criterion are also far from acceptable ranges. The low percentages of acceptable GEH statistics for this scenario results show the requirement of OD adjustment for both AM and PM peak hours.

Appendix G shows a detailed comparison of observed and modelled traffic volumes in the AM and PM peak hour throughout the study area road network for Scenario 1.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

Table 4-4: Summary of Turn Level Model Calibration Results – Base Travel Demand

Criteria #	Description	AM Peak Hour Total	AM Peak Hour Car	AM Peak Hour Truck	PM Peak Hour Total	PM Peak Hour Car	PM Peak Hour Truck
1	Total traffic volumes 700 veh/h < Flow < 2700 veh/h, within 15%	18	16	0	15	12	0
	Total traffic volumes 700 veh/h < Flow < 2700	39	31	0	50	41	0
	% (Acceptance Target 85%)	46.2%	51.6%		30.0%	29.3%	
2	Total traffic volumes with Flow < 700 veh/h, within 100	133	1038	204	102	106	202
	Total traffic volumes with Flow < 700 veh/h	179	178	209	167	167	209
	% (Acceptance Target 85%)	74.3%	77.5%	96.7%	61.1%	63.5%	96.7%
3	Total traffic volumes with Flow > 2700 veh/h, within 400	2	-	-	2	0	-
	Total traffic volumes with Flow > 2700 veh/h	4	-	-	5	1	-
	% (Acceptance Target 85%)	50.0%	-	-	40.0%	0.0%	-
4	Sum of All traffic volumes Comparison	6.4%	11.6%	-13.0%	22.7%	29.3%	-12.2%
	(observed – modelled) divided by observed						
5	# traffic volumes with GEH statistic < 5	107	106	160	64	66	165
	# traffic volumes with GEH < 10	173	167	197	136	127	200
	# traffic volumes	222	209	209	222	209	209
	% GEH < 5 (Acceptance Target 75% for turn volumes)	48.2%	50.7%	76.6%	28.8%	31.6%	78.9%
	% GEH < 10 (Acceptance Target 85% for turn volumes)	77.9%	79.9%	94.3%	61.3%	60.8%	95.7%



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

4.3.4 Travel Demand Adjustment

The travel demand adjustment process was conducted by starting with a visual audit of the model traffic volumes and comparing it to the actual volumes. In this step, several Origin-Destination (OD) pairs were adjusted where the model volumes were zero or far from the observed values.

The second step in travel demand adjustment process was conducted using a built-in travel demand adjustment procedure (Static Macro Assignment based on Frank and Wolfe Assignment Methodology) within the Aimsun Next software, the base AM and PM peak hour traversal matrices were adjusted based on the observed traffic data.

Table 4-5 summarizes the total number of Origin-Destination (OD) trips for car, truck and total vehicles travelling to / from / within / through the modelled area in the different development stages of the existing conditions (2020) model in both the AM and PM peak hours.

Table 4-5: Origin-Destination Demand Matrix Comparison Before and After Adjustment.

Travel Demand	AM Peak			PM Peak		
	Total	Car	Truck	Total	Car	Truck
Base (GGHMv4)	28,141	24,449	3,692	24,212	21,283	2,929
Adjusted	27,982	24,857	3,125	34,206	31,374	2,832
Difference	-159	409	-567	9,994	10,091	-97
%	-1%	2%	-15%	41%	47%	-3%

4.3.5 Scenario 2 - Aimsun Next Microscopic Model with Adjusted Travel Demand

The Scenario 2 model was simulated in Aimsun Next using a microscopic Dynamic User Equilibrium (DUE) experiment with Origin-Destination (OD) adjusted auto and truck demand as inputs. Detailed parameters used in the microscopic simulation DUE experiment are presented in **Appendix F**.

A comparison of Scenario 2 modelled and observed turning movement volumes at signalized intersections was conducted. The microscopic simulation DUE experiment was executed using an incremental assignment approach with 90% and 100% of demand for 35 iterations using Aimsun Next's Gradient Based assignment methodology. **Figure 4-2** and **Figure 4-3** present scatterplots for comparison of observed and modelled volumes. In both AM and PM peak hours, the goodness of fit is acceptable with R^2 values near 1.0.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

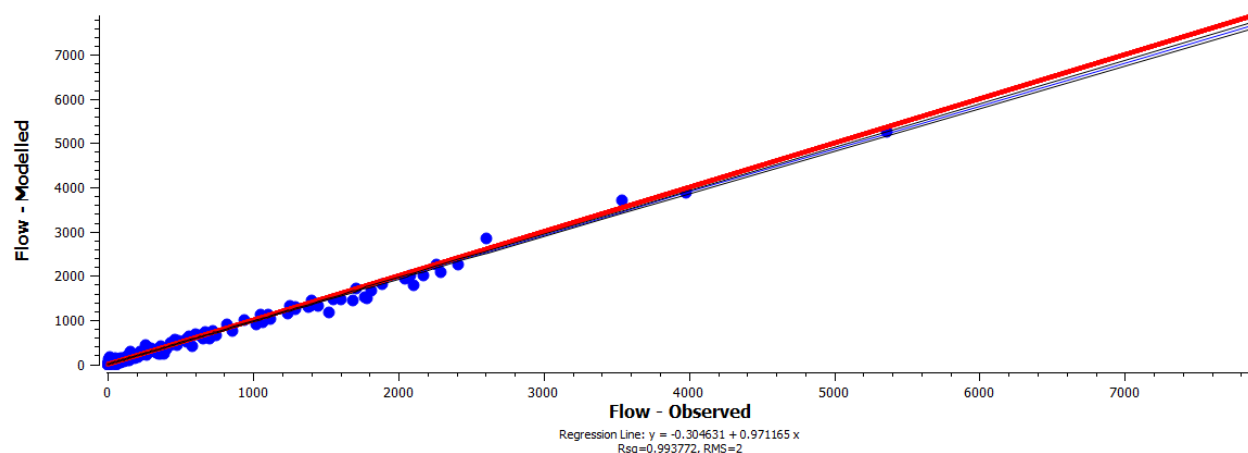


Figure 4-2: AM Peak Hour Observed vs Modelled Volumes

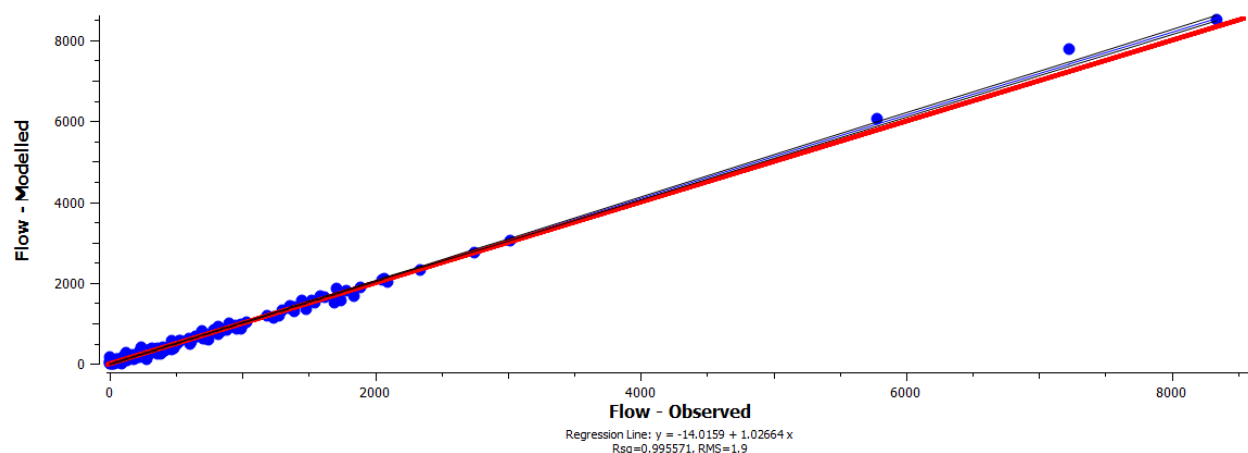


Figure 4-3: PM Peak Hour Observed vs Modelled Volumes

Table 4-6 contains a summary of the calibration comparison of Scenario 2 modelled and observed turning volumes, against the calibration objectives described in Section 4.3.1. **Appendix H** shows a detailed comparison of observed and modelled traffic volumes in the AM and PM peak hours throughout the study area road network. A comparison was conducted between results presented in Table 4-6 at turning movement level and calibration acceptance targets identified in Table 4-2 at link traffic volume level.

As it is shown in this table, the majority of calibration targets are met. The frequency distribution of GEH values for both the AM and PM peak hours shows that most turning movements exhibit a GEH value less than 5. GEH values give an indication of goodness-of-fit to observed data. A GEH value less than five (5) is generally considered acceptable, while a GEH value more than ten (10) demonstrates a poor fit to observed data. In both AM and PM peak hours, the percentages of total turn volumes with GEH below 5 is about 85%. The percentages of turn volumes with GEH below 10 in both peak hours are also above 97%.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

With consideration of the model size, complexity and congestion of the study area road network, and the calibration results being prepared for turn level in comparison to the FHWA calibration criterion that is set based on a link level analysis, the model was considered to be calibrated.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

Table 4-6: Summary of Turn Level Model Calibration Results – Adjusted Travel Demand

Criteria #	Description	AM Peak Hour Total	AM Peak Hour Car	AM Peak Hour Truck	PM Peak Hour Total	PM Peak Hour Car	PM Peak Hour Truck
1	Total traffic volumes 700 veh/h < Flow < 2700 veh/h, within 15%	36	25	0	49	39	0
	Total traffic volumes 700 veh/h < Flow < 2700	39	31	0	50	41	0
	% (Acceptance Target 85%)	92.3%	80.6%		98.0%	95.1%	
2	Total traffic volumes with Flow < 700 veh/h, within 100	169	167	208	154	156	205
	Total traffic volumes with Flow < 700 veh/h	179	178	209	167	167	209
	% (Acceptance Target 85%)	94.4%	93.8%	99.5%	92.2%	93.4%	98.1%
3	Total traffic volumes with Flow > 2700 veh/h, within 400	4	-	-	4	1	-
	Total traffic volumes with Flow > 2700 veh/h	4	-	-	5	1	-
	% (Acceptance Target 85%)	100%	-	-	80%	100%	-
4	Sum of All traffic volumes Comparison	2.9%	5.7%	-3.9%	0.0%	0.6%	10.3%
	(observed – modelled) divided by observed						
5	# traffic volumes with GEH statistic < 5	189	171	190	195	180	189
	# traffic volumes with GEH < 10	219	206	208	217	205	207
	# traffic volumes	222	209	209	222	209	209
	% GEH < 5 (Acceptance Target 75% for turn volumes)	85.1%	81.8%	90.9%	87.8%	86.1%	90.4%
	% GEH < 10 (Acceptance Target 85% for turn volumes)	98.6%	98.6%	99.5%	97.7%	98.1%	99.0%



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing Conditions microsimulation model development

Travel time data for average total vehicles (car, truck and bus) was provided by the York Region for all major arterials and by the MTO for the Highway 400 segments in the study area. A travel time analysis was conducted to compare modelled estimates to observed data in the AM and PM peak hours.

Table 4-7 presents a summary of the travel time comparison results in the study area based on the calibration criteria presented in **Table 4-2** for travel time. The sections include highway mainline and arterial and collector road segments. The results show that in the AM and PM peak hours 94.4% and 88.9% of the segments met the acceptable calibration criteria, respectively. These percentages illustrate the model acceptability. A detailed comparison between modelled and observed travel time sections can be found in **Appendix I**.

Table 4-7: Travel Time Summary in the Study Area

Road	Criteria #	Description	AM Peak Hour	PM Peak Hour
Highway 400 Mainline and Arterial Roads	1	Segments with travel times <7 min, within 1 min	17	16
		Segments with travel times <7 minutes	18	18
		% (Acceptance Target 85%)	94.4%	88.9%
	2	Segments with travel times >7 minutes, within 15%	-	-
		Segments with travel times >7 minutes	-	-
		% (Acceptance Target 85%)	-	-



5.0 EXISTING AND FUTURE OPTIONS MODEL DEVELOPMENT

5.1 BASELINE AND FUTURE OPTIONS MODEL DEVELOPMENT

The calibrated and validated model was used to develop and assess the existing and future base models for 2020, 2031, and 2041 horizon years.

Stantec conducted the traffic assessment of three (3) future options, including a Base Conditions scenario and two (2) scenarios with Bass Pro Mills Drive extension. The Existing Conditions (2020) calibrated and validated base model was updated to include Bass Pro Mills Drive extension from Romina Drive to Jane Street. The future options were analyzed in the horizon years of 2031 and 2041.

The future Base Conditions scenarios (Option 0) represent existing 2020, and future 2031 and 2041 conditions without Bass Pro Mills Drive extension to Weston Road but including the overall changes planned in the study area. These future Base Conditions scenarios represent a base condition to which the traffic analyses were compared.

Both future with Bass Pro Mills Drive extension options were developed based on the preferred future alternative, but they differ distinctly in the future status of the Vaughan Mills Centre Secondary Plan (VMCSP) lands bounded by Bass Pro Mills Drive (existing and extension) in the south, Rutherford Road in the north, Weston Road in the west and Jane Street in the east.

The modelled existing and future options in this study area are listed as follows, and further discussed in future sections:

- Existing Conditions (2020)
- Option 0 – Future Base Conditions including 2031 and 2041 horizons
- Option A – Future Conditions with Bass Pro Mills Drive extension including 2031 and 2041 horizons, and
- Option B – Future Conditions with Bass Pro Mills Drive extension and VMCSP development including 2031 and 2041 horizons.

5.2 MODELLING APPROACH

The future options were modelled for the weekday AM and PM peak hours, using AIMSUN Next version 8.4 software. To achieve the objectives of the transportation modelling, a simulation framework was utilized which is capable of conducting dynamic assignment where multiple route choices are present in the model for a given O-D pair. The modelled study area has sufficient network details, but also maintains reasonable level of details that ensure proper calibration and capture the expected traffic rerouting impacts. The microsimulation model considers a multi-modal framework where interactions between all



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

users of the corridor, including the vehicle traffic (cars, buses and trucks) and pedestrians were taken into consideration.

The future option models were developed based on the Existing Conditions Model; further changes such as road network and signal timings were applied to accurately represent each future option. The travel demands were forecasted for future options, based on existing calibrated origin-destination demand and changes in the travel demand extracted from the MTO GGHMv4 subarea AM and PM peak hour models. Detailed assumptions pertaining to travel demand, user behavior, future road network improvements, local transit, and software inputs are documented in Section 5.3.

5.3 FUTURE OPTIONS

5.3.1 Option 0 – Future Base Conditions

Future Base Conditions options represent base traffic conditions in future horizon years 2031 and 2041. These models do not include the proposed Bass Pro Mills Drive extension to Weston Road but they include the other road improvements planned in the study area. These options were developed to be used as the baselines for comparison to future options with Bass Pro Mills Drive extension and planned VMCS development.

The assumptions used in developing the baseline conditions models are listed as follows:

- The calibrated and validated auto and truck demand matrices for 2021 AM and PM peak hours were updated based on the expected changes in the auto and heavy vehicle demand matrices extracted from the MTO GGHMv4 subarea models for the primary study area.
- A review was conducted on the population and employment information used in GGHMv4 model for the primary study area internal zones. The results are shown in **Table 5-1**. Considering the major changes in the employment and population modelled in GGHMv4 in the primary study area, to calculate the future base conditions demand, adjustments were applied to internal trips, trips between internal and external (gate) zones and external to external trips passing through the primary study area as detailed below.
- In 2041 horizon, the Langstaff Road improvements were modelled in the GGHMv4 secondary area subarea models and primary study area microsimulation models. The Langstaff Road improvements are planned to provide connection from Weston Road to Highway 7. The plan includes Highway 400 interchange improvements and widening of the Langstaff Road segments from Weston Road to east of Jane Street from 4 lanes to 6 lanes within the study area. A partial cloverleaf interchange “type A” was modelled at the existing partial interchange. The additional ramps modelled (as shown in **Figure 5-1**) include:
 - An off-ramp from Highway 400 southbound to Langstaff Road E-W (including a signalized intersection at Langstaff Road)
 - An on-ramp from Langstaff Road westbound to Highway 400 northbound



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

- An off-ramp from Langstaff Road eastbound to Highway 400 northbound
- The changes in the GGHMv4 car and truck travel demand matrices for the primary study area were calculated for 2031 and 2041 baseline scenarios, based on a comparison of travel Origin – Destination demand extractions from the GGHMv4 models in 2016, 2031, and 2041. For each horizon year, the auto and truck matrices were extracted from MTO subarea models and compared to MTO 2016 subarea model demand matrices that were used as the unadjusted base demand in the calibration of the existing 2020 model. The differences were calculated and saved as demand delta matrices.

To calculate the 2031 and 2041 future base conditions demand matrices, the delta matrices trips for external-to-external origins and destinations were directly added to the 2020 calibrated and validated AM and PM peak hour auto and truck matrices. The average auto and truck trip growth rates for external-to-external trips were calculated and used to project the 2020 OD pair trips that have at least one of their origin and destinations within the study area to 2031 and 2041.

A comparison of the 2020, 2031, and 2041 adjusted auto and truck demands is provided in **Table 5-2**.

Table 5-1: Primary Study Area Population and Employment Information in MTO GGHMv4 Model

Internal Zones	Population			Employment		
	2016	2031	2041	2016	2031	2041
Zone 3088 (east of Hwy 400-north of Bass Pro Mills Drive)	1	5	5	6,667	8,980	9,477
Zone 3090 (west of Hwy 400)	12	64	76	2,623	3,970	6,540
Zone 3088 (east of Hwy 400-south of Bass Pro Mills Drive)	541	712	3,410	3,148	3,491	5,362
Primary Study Area Total	554	781	3,491	12,438	16,441	21,379

Table 5-2: Summary of 2020, 2031, and 2041 Base Conditions Demands

Travel Demand	AM Peak Hour			PM Peak Hour		
	Total	Car	Truck	Total	Car	Truck
Adjusted 2020	27,982	24,857	3,125	34,206	31,374	2,832
Adjusted 2031	33,663	30,061	3,602	40,675	37,542	3,133
Adjusted 2041	35,534	31,544	3,990	43,823	40,314	3,509
Annual Growth 2020-2031	1.69%	1.74%	1.30%	1.59%	1.65%	0.92%
Annual Growth 2031-2041	0.54%	0.48%	1.03%	0.75%	0.71%	1.14%



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

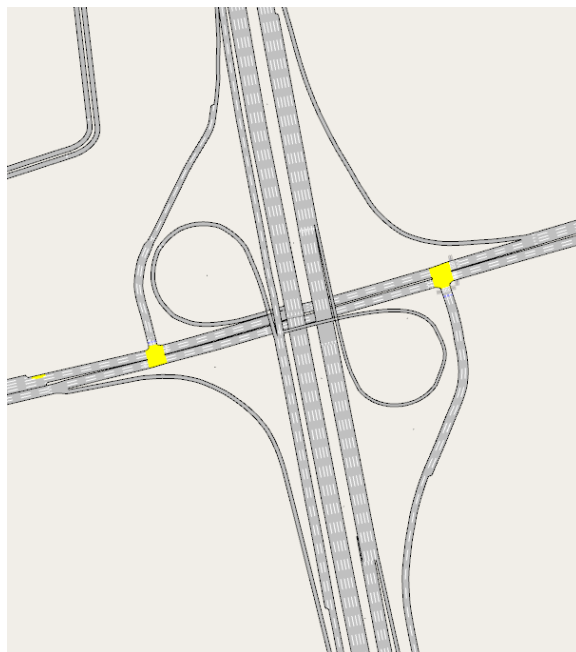


Figure 5-1: Highway 400 Interchange at Langstaff Road – 2041 Horizons Only

A screen line demand analysis was conducted along Highway 400 to determine the east-west crossing demand in the study area in 2020, 2031, and 2041. The demand was compared to the available capacity for the east-west crossing in the study area along Rutherford Road (3 lanes in each direction), Langstaff Road (2 lanes in each direction in the existing and 2031 horizons and 3 lanes in each direction in the 2041 horizon) and Bass Pro Mills Drive Ramp (1 lanes only for westbound crossing). The lane capacity for Rutherford Road and Langstaff Road was assumed to be 1,000 vehicles per hour and the capacity was assumed to be 1,500 vehicles per hour for Bass Pro Mills Drive Ramp to Highway 400. **Table 5-3** shows the screen line analysis results.

The screen line results show that the existing crossing infrastructure is not sufficient for the forecasted demand and the provision of additional capacity is required. The westbound traffic demand in the PM peak hour is critical in the existing conditions and will remain critical during 2031 and 2041 horizons. The proposed road widening at Langstaff Road provides additional capacity but will direct more traffic, especially traffic to or from Highway 400, but it will not be sufficient to meet the future demand.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

Table 5-3: Study Area Screen Line Analysis Results

Direction	Horizon	Capacity	AM Peak		PM Peak	
			Volume	V/C	Volume	V/C
Westbound	2020	6,500	4,055	0.62	7,285	1.12
	2031	6,500	6,192	0.95	9,304	1.43
	2041	7,500	7,247	0.97	10,317	1.38
Eastbound	2020	5,000	3,888	0.78	2,522	0.50
	2031	5,000	5,288	1.06	3,382	0.68
	2041	6,000	5,353	0.89	3,719	0.62

5.3.2 Option A – Future Conditions with Bass Pro Mills Drive Extension

The Future Base Conditions 2031 and 2041 models were used as the base and were updated to develop Option A models. The road network configuration of Option A includes two major changes comparing to the road network that was used for the Future Base Conditions as follows:

- Bass Pro Mills Drive extension was included in Option A road network. The road was extended in an east-west direction along its existing alignment between Highway 400 and Weston Road. A 4-lane cross section was used based on the preferred road layout. The modelled corridor includes three new intersections at Weston Road (signalized), extension of Westcreek Drive (unsignalized) and Highway 400 Southbound Off-ramp/ extension of Creditview Road (signalized). All these three intersections were initially modelled as unsignalized intersections. A review of the initial operational analysis and signal warrant analysis results based on Option A 2031 horizon justified the signalization of the intersections at Weston Road and Highway 400 Southbound Off-ramp.

An initial alternative was also reviewed to include a roundabout at the intersection of Bass Pro Mills Drive Extension and Weston Road. This alternative was not selected to proceed based on its limitations and disadvantages including additional spatial and right of way requirements, operational challenges related to the unequal approach traffic volumes that could increase delays and queue lengths and pedestrian crossing and cyclist challenges.

Appendix J includes the preliminary plan and profile for Bass Pro Mills Drive extension from Weston Road to Highway 400 Northbound Off-ramp/Fishermens Way intersection. **Appendix N** includes the signal warrant analysis results.

- The future planned widening of Weston Road from Bass Pro Mills Drive Extension to Hawkview Boulevard was also included in Option A road network in both 2031 and 2041 horizons. It has to be noted that while the available plans were used to reflect the future widening of Weston Road in this segment, the detailed design of this project is under study that may result in future changes in the proposed cross sections. As per Region of York 10-Year Roads and Transit Capital Construction Program, the widening will be completed in 2027.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

- As stated in the first item, both Westcreek Drive and Creditview Road were extended to the north to provide access to the future Bass Pro Mills Drive extension.

Figure 5-2 illustrates the future Bass Pro Mills Drive extension as modelled in the transportation network of Option A.



Figure 5-2: Bass Pro Mills Drive Extension – Option A 2031 and 2041 Horizons

5.3.3 Option B – Future Conditions with Bass Pro Mills Drive Extension and VMCS

To develop Option B transportation network, Option A was updated to include Vaughn Mills Centre Secondary Plan (VMCS) road network and expected changes in the transportation demand.

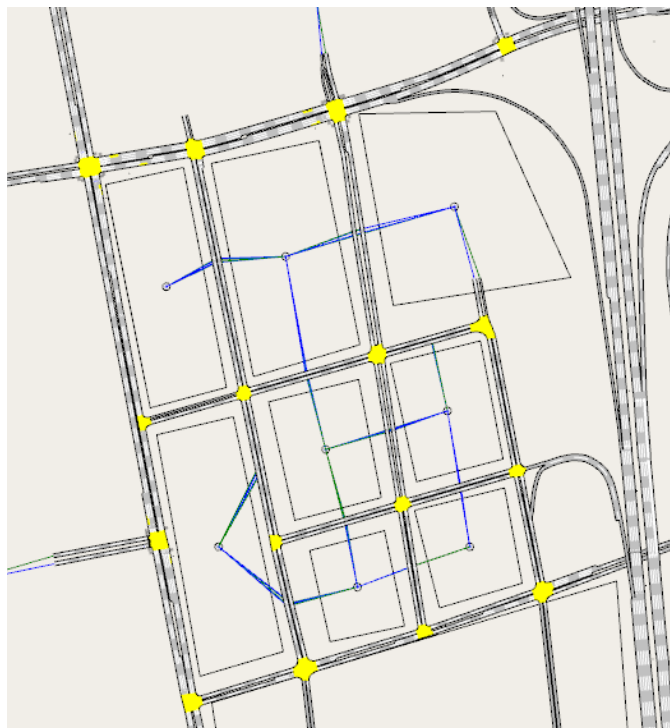
The proposed VMCS development will consist mainly of the redevelopment of the lands surrounding the existing Vaughn Mills Mall east of Highway 400 and the vacant lands west of Highway 400. Over 100 hectares of new development will be created, while the existing Vaughn Mills Mall continues to operate. The proposed new developments will include residential and mixed-use commercial uses in the areas east of Highway 400, and employment and mixed-use commercial uses in the areas west of Highway 400. Based on the information and assumptions provided in the Vaughn Mills Centre Secondary Plan Transportation Assessment Report, dated February 2015, it was assumed that the development plan for the Vaughn Mills Centre Secondary Plan Area will be completed by horizon year 2031.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

Figure 5-3 shows the road network that was modelled in Option B transportation network in the VMCSF area west of Highway 400. The VMCSF road network east of Highway 400 was assumed to be the same as the existing transportation network.



**Figure 5-3: Bass Pro Mills Drive Extension and VMCSF Internal Road Network– Option B
2031 and 2041 Horizons**

5.4 DEVELOPMENT OF FUTURE OPTIONS MODELS

Given the considerations of similarities and differences among future options, **Figure 5-4** illustrates the logic of the development of future options models.

The Option 0 models were built based on the calibrated and validated Existing Condition Models and expected transportation network changes were modelled in each horizon year as discussed in Section 2. The Option A peak hour models were developed using the Future Base Conditions (Option 0) models. Option B models were developed using Option A models.

5.5 SIGNAL TIMINGS

In the Future Base Conditions model, the signal timings in the primary study area were optimized if the initial model runs showed optimization can mitigate observed operational issues. Visual audit was conducted to observe the model simulations with vehicles present and visible in the model network. The signal timing plans were visually reviewed and adjusted wherever major issues were observed. The



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

majority of signals in the study area remained unchanged from the settings in the Existing Conditions Model.

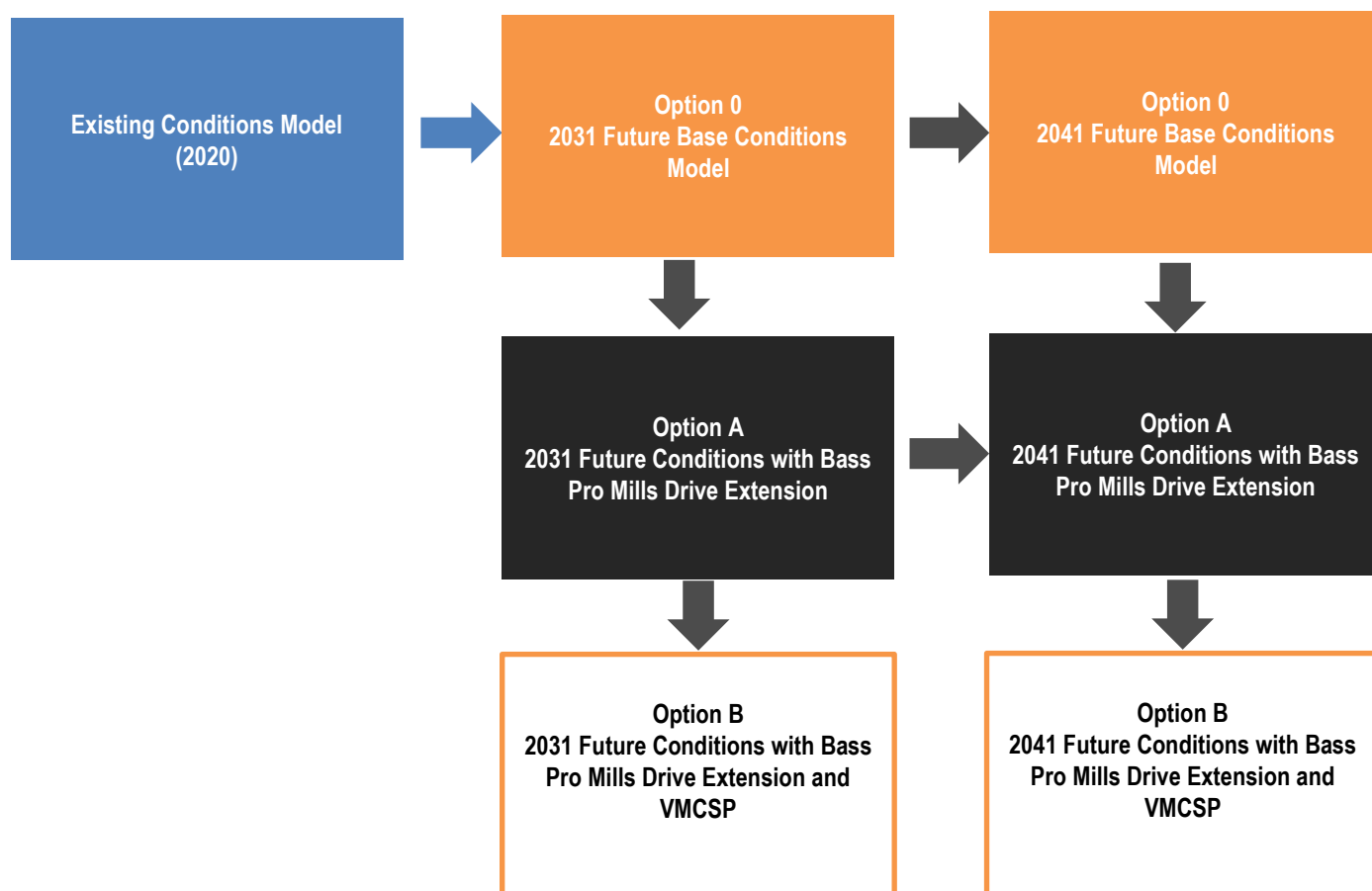


Figure 5-4: Development of Future Options Models

5.6 TRAFFIC DEMAND ESTIMATION

5.6.1 Auto Demand

The secondary study area subarea models provided by the MTO from their GGHMv4 models were used as the base to forecast future auto and truck demands for all future options. Similar to the existing conditions and future base conditions demand forecast, subarea EMME models were developed to represent the changes proposed in the study area. Growth in trips for individual O-D pairs were reviewed by comparing the O-D demand volumes between the future base conditions and future Option AEMME models, and these changes in the traffic volumes were later used to determine future auto demands.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

A review of the EMME model demand results extracted for the primary study area between Option 0 and Option A showed that the changes in the total demand within the primary study area were negligible while the new paths provided between different origins and destinations by extending Bass Pro Mills Drive to Weston Road resulted in changes in the traffic assignment results.

Based on the above observation, the same Origin – Destination (OD) pairs demand tables for 2031 and 2041 were used in both Option 0 and Option A. This methodology allowed AIMSUN microsimulation dynamic assignment model to fully control and reassign the traffic demand between different origins and destinations and no enforced changes to the entrance points were applied based on macro modelling results.

Option B demand was calculated by updating Vaughn Mills Secondary Plan EA zones to include the additional trips forecasted in 2031 and 2041. The VMCSZP zones trip changes from GGHMv4 2016 to 2041 models were extracted for the auto and truck modes in the AM and PM peak hours. These trips were projected based on the total trip values estimated for the areas west and east of the Highway 400 in the Vaughan Mills Centre Secondary Plan Transportation Assessment Report, prepared by MMM Group Limited, dated February 2015 and were added to the Option A OD trips. As the land use breakdown of the VMCSZP parcels are not available at this point, the trips were divided equally between VMCSZP internal zone.

Table 5-4 below shows the total trips that were used for VMCSZP areas. **Table 5-6** provides a comparison of the 2031 and 2041 truck demands for future options.

5.6.2 Pedestrian and Transit Demand

Future pedestrian demands were calculated by applying an annual growth rate of 2% to the existing conditions pedestrian demand.

Unlike auto, heavy vehicle and pedestrian demands, transit vehicle demands used in the models were estimated based on route schedules (i.e. service start time and headways), and not on the passenger demand ODs. No changes were applied to the transit routes in the models.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options Model development

Table 5-4: VMCSP Trip Generation

VMCSP Future Trips	AM Peak		PM Peak	
	Inbound	Outbound	Inbound	Outbound
East of Highway 400	852	828	1,183	1,277
West of Highway 400	2,839	468	996	2,970
Total	3,691	1,296	2,179	4,247

Source: Vaughan Mills Centre Secondary Plan Transportation Assessment Report, February 2015

Table 5-5: Summary of 2031 and 2041 Adjusted AIMSUN Peak Hour Auto Demands

Option	Option 0 and Option A		Option B	
	AM	PM	AM	PM
2031 AIMSUN Auto Demand	30,061	37,542	34,648	43,296
2041 AIMSUN Auto Demand	31,544	40,314	36,127	46,284
Percent Increase ¹	4.93%	7.38%	4.27%	6.90%
Annual Growth Rate	0.48%	0.71%	0.42%	0.67%

Table 5-6: Summary of 2031 and 2041 AIMSUN Peak Hour Heavy Vehicle Demands

Option	Option 0 and Option A		Option B	
	AM	PM	AM	PM
2031 AIMSUN Truck Demand	3,602	3,133	3,917	3,451
2041 AIMSUN Truck Demand	3,990	3,509	4,305	3,879
Percent Increase ²	10.77%	12.00%	9.91%	12.40%
Annual Growth Rate	1.03%	1.14%	0.95%	1.18%

¹ (2041 demand – 2031 demand) / 2031 demand

² (2041 demand – 2031 demand) / 2031 demand



6.0 EXISTING AND FUTURE OPTIONS MODELLING RESULTS

The following subsections include the modelling results for the 2020, 2031, and 2041 baseline and future options scenarios described earlier in this report.

6.1 OPTION 0 – BASE CONDITIONS

6.1.1 Existing Conditions 2020 Modelling Results

The calibrated and validated 2020 model was updated by including the extension of Bass Pro Mills Drive to Jane Street.

Table 6-1 summarizes the model results of the AM and PM peak models for the 2020 Existing Conditions. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour is equal to 50.1 sec/km and it will increase to 80.8 sec/km in the PM peak hour. The model also shows about 660 and 400 vehicles waiting to enter the network at the end of the simulation period in the AM and PM peak hours, respectively. These numbers demonstrate that there are levels of congestion on the road network at the entrances to the model. Generally, the model shows that the PM peak hour operates with more congestion than the AM peak hour which was confirmed by the site traffic observations.

Table 6-1: Model Summary Results – Existing Conditions 2020

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	27,886	34,269
Delay (s/km)	50.1	80.8
Total Travel Time (veh-h)	2,136	3,029
Total Travelled Distance (veh-km)	105,057	122,925
Speed (km/h)	51.7	43.9
Vehicles waiting to enter the network	663	398

The Existing Conditions 2020 intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-2** for the AM and PM peak hour models. Level of service (LOS) for each intersection is defined using overall delays based on the Highway Capacity Manual (HCM). The intersections with LOS of E or F are considered to be congested and are highlighted in **Table 6-2**. Results show that most of the intersections within the primary study area in both AM and PM peak hours in the 2020 Existing Condition are operating with acceptable average LOS although several movements with operational issues were observed in several intersections that can be attributed to the high traffic demand for those turn movements. **Appendix K** shows traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area. Those with LOS of E or greater have been highlighted.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Table 6-2: Existing 2020 Conditions Intersection Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	5,109	<u>86</u>	<u>F</u>	5,958	<u>95</u>	<u>F</u>
Rutherford Road at Vellore Woods Blvd.	4,064	30	C	4,470	21	C
Rutherford Road at Hwy 400 Southbound Off-Ramp	3,214	20	C	4,291	16	B
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	5,151	24	C	6,023	22	C
Rutherford Road at Sweetriver Boulevard	4,967	20	B	5,506	35	C
Rutherford Road at Julliard Drive	4,579	22	C	4,631	21	C
Rutherford Road at Jane Street	6,791	45	D	6,736	48	D
Jane Street at Riverock Gate	2,411	12	B	3,657	36	D
Jane Street at Bass Pro Mills Drive / Locke Street	2,696	9	A	3,111	18	B
Bass Pro Mills Drive at Edgeley Blvd.	1,615	15	B	2,268	22	C
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	1,278	26	C	1,667	27	C
Jane Street at Bagg Street / Gensal Gate	2,788	10	B	3,071	17	B
Jane Street at Langstaff Road	3,881	31	C	3,725	36	D
Langstaff Road at Millway Avenue	2,172	7	A	2,166	14	B
Langstaff Road at Edgeley Blvd.	3,289	20	B	4,110	30	C
Langstaff Road at Hwy 400 Northbound Off-Ramp	3,296	50	D	4,059	23	C
Langstaff Road at Terecar Drive / Silmar Drive	3,760	31	C	4,835	41	D
Langstaff Road at Weston Road	4,379	39	D	4,985	50	D
Weston Road at Greenpark Blvd.	2,847	12	B	3,442	36	D
Weston Road at Astona Blvd.	2,809	24	C	3,472	17	B



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

6.1.2 Future 2031 Base Conditions Modelling Results

The calibrated and validated Existing Conditions 2020 model was used as the basis for developing the 2031 Base Conditions model based on the assumptions previously discussed in this document.

Table 6-3 summarizes the model results of the AM and PM peak hour models for Future 2031 Base Conditions. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour is equal to 86.6 sec/km and 127.6 sec/km in the PM peak hour. The model also shows 1,636 and 2,076 vehicles waiting to enter the network at the end of the simulation periods in the AM and PM peak hours, respectively. Generally, the results show that in 2031 the PM peak hour will operate with considerably higher congestion comparing to the AM peak hour.

Table 6-3: Model Summary Results – Future 2031 Base Conditions

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	31,800	37,807
Delay (s/km)	86.6	127.6
Total Travel Time (veh-h)	5,516	4,614
Total Travelled Distance (veh-km)	122,378	136,802
Speed (km/h)	42.3	37.5
Vehicles waiting to enter the network	1,636	2,076

The Future 2031 Base Conditions intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-4** for the AM and PM peak hour models. Level of service (LOS) for each intersection is defined using overall delays based on the Highway Capacity Manual (HCM). The intersections with LOS of E or F are considered to be congested and are highlighted in this table.

Results show that several of the intersections within the primary study area in both AM and PM peak hours in the Future 2031 Bas Conditions will be expected to have operational issues. This can be attributed to the expected increases in traffic demand that oversaturate the already-congested road network. **Appendix L** shows traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area in Future 2031 Base Conditions. Those with LOS of E or greater have been highlighted.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Table 6-4: Future 2031 Base Conditions Intersections Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	5,470	107	F	6,041	147	F
Rutherford Road at Vellore Woods Blvd.	4,247	41	D	4,344	68	E
Rutherford Road at Hwy 400 Southbound Off-Ramp	3,547	42	D	4,440	35	D
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	6,017	35	D	6,208	25	C
Rutherford Road at Sweetriver Boulevard	5,921	23	C	5,676	41	D
Rutherford Road at Julliard Drive	5,292	30	C	4,926	49	D
Rutherford Road at Jane Street	7,623	50	D	7,561	72	E
Jane Street at Riverock Gate	3,399	22	C	4,706	49	D
Jane Street at Bass Pro Mills Drive / Locke Street	3,573	13	B	4,553	34	C
Bass Pro Mills Drive at Edgeley Blvd.	2,054	19	B	3,015	36	D
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	1,895	156	F	2,402	59	E
Jane Street at Bagg Street / Gensal Gate	3,180	14	B	4,068	24	C
Jane Street at Langstaff Road	4,505	58	E	4,450	51	D
Langstaff Road at Millway Avenue	3,006	16	B	2,884	28	C
Langstaff Road at Edgeley Blvd.	4,320	29	C	4,881	72	E
Langstaff Road at Hwy 400 Northbound Off-Ramp	4,150	103	F	4,347	46	D
Langstaff Road at Terecar Drive / Silmar Drive	4,822	53	D	5,133	63	E
Langstaff Road at Weston Road	5,200	69	E	5,696	138	F
Weston Road at Greenpark Blvd.	3,228	35	C	3,682	60	E
Weston Road at Astona Blvd.	2,954	24	C	3,380	117	F



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

6.1.3 Future 2041 Base Conditions Modelling Results

The Future 2041 Base Conditions models were developed based on the assumptions previously discussed in this document.

Table 6-5 summarizes the AM and PM peak hours model results for Future 2041 Base Conditions. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour is equal to 83.0 sec/km and 108.8 sec/km in the PM peak hour. The model results show 4,495 and 3,280 vehicles waiting to enter the network at the end of the simulation periods in the AM and PM peak hours, respectively. These high values at both peak hours demonstrate increased level of congestion on the road network at the entrances to the model and limited capacity at these area intersections and road networks. It has to be noted that for the vehicles that entered the network, the internal circulation is improved based on the additional connectivity and capacity provided by Langstaff Road improvement and its improved interchange at Highway 400 comparing to the 2031 network. Generally, the model results show that in 2041 the PM peak hour will operate with higher levels of congestion comparing to the PM peak hour.

Table 6-5: Model Summary Results – Future 2041 Base Conditions

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	32,362	40,504
Delay (s/km)	83.0	108.8
Total Travel Time (veh-h)	3,347	4,864
Total Travelled Distance (veh-km)	126,408	147,891
Speed (km/h)	44.3	35.8
Vehicles waiting to enter the network	4,495	3,280

The Future 2041 Base Conditions intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-6** for the AM and PM peak hour models. Level of service (LOS) for each intersection is defined using overall delays based on the Highway Capacity Manual (HCM). The intersections with LOS of E or F are considered to be congested and are highlighted in this table.

Results show that several of the intersections within the primary study area in both AM and PM peak hours in the Future 2041 Base Conditions will have operational issues. This can be attributed to the expected increases in traffic demand that oversaturate the already-congested road network. As discussed earlier, the improvements provided in 2041 road network along with the bottlenecks at the entrances to the study area network that results in less traffic reaching to the study area road network result in improvement in intersections operations in comparison to the 2031 results.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Appendix M shows traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area in Future 2041 Base Conditions. Those with LOS of E or greater have been highlighted.

Table 6-6: Future 2041 Base Intersection Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	5,298	71	E	6,488	121	F
Rutherford Road at Vellore Woods Blvd.	4,227	42	D	4,847	23	C
Rutherford Road at Hwy 400 Southbound Off-Ramp	3,175	23	C	4,463	15	B
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	5,078	31	C	6,658	43	D
Rutherford Road at Sweetriver Boulevard	4,914	24	C	5,877	53	D
Rutherford Road at Julliard Drive	4,482	32	C	5,081	42	D
Rutherford Road at Jane Street	6,754	67	E	7,864	50	D
Jane Street at Riverrock Gate	2,862	15	B	4,500	45	D
Jane Street at Bass Pro Mills Drive / Locke Street	3,181	15	B	4,192	28	C
Bass Pro Mills Drive at Edgeley Blvd.	2,348	17	B	3,003	27	C
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	2,856	87	F	2,796	49	D
Jane Street at Bagg Street / Gensal Gate	2,557	9	A	3,830	20	B
Jane Street at Langstaff Road	4,333	44	D	4,841	49	D
Langstaff Road at Millway Avenue	2,764	9	A	3,424	21	C
Langstaff Road at Edgeley Blvd.	3,962	22	C	5,501	68	E
Langstaff Road at Hwy 400 Northbound Off-Ramp	3,907	78	E	4,411	20	B
Langstaff Road at Terecar Drive / Silmar Drive	3,847	38	D	5,325	42	D
Langstaff Road at Weston Road	4,140	222	F	5,412	167	F
Weston Road at Greenpark Blvd.	2,919	16	B	3,543	23	C
Weston Road at Astona Blvd.	2,787	26	C	3,381	56	E
Langstaff Road at Hwy 400 Southbound Off-Ramp (Signalized) (As part of Langstaff Road Improvements)	3,637	36	D	4,005	16	B



Existing and Future Options modelling results

6.2 OPTION A – FUTURE CONDITIONS WITH BASS PRO MILLS DRIVE EXTENSION

6.2.1 Future 2031 Conditions with Bass Pro Mills Drive Extension Modelling Results

The Future 2031 Conditions with Bass Pro Mills Drive extension (Option A) model was developed based on the assumptions previously discussed in this document.

Table 6-7 summarizes the AM and PM peak model results for Future 2031 Option A, with Bass Pro Mills Drive extension, model. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour will be equal to 81.8 sec/km and it will increase to 112.6 sec/km in the PM peak hour. The delay values are lower comparing to the Future Base Conditions 2031 model results. The model also shows that an average of 1,171 and 1,330 vehicles were waiting to enter the network at the end of the simulation periods in the AM and PM peak hours, respectively. These values are also lower than the values observed in Future Base Conditions 2031 that confirms the improved delay and speed values are resulted while serving more vehicles in the network. These improvements are the results of additional road connectivity provided by provision of Bass Pro Mills Drive Extension and widening of Weston Road.

Table 6-7: Model Summary Results – Future 2031 Option A

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	32,053	38,708
Delay (s/km)	81.8	112.6
Total Travel Time (veh-h)	3,410	4,516
Total Travelled Distance (veh-km)	122,829	139,040
Speed (km/h)	42.5	37.7
Vehicles waiting to enter the network	1,171	1,330

The Future 2031 Option A intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-8** for the AM and PM peak hour models. The intersections with LOS of E or F are considered to be congested and are highlighted in this table.

The results show that several intersections within the primary study area in both AM and PM peak hours in the future 2031 Option A will have operational issues. This can be attributed to the fact that although provision of the planned Bass Pro Mills Drive extension will result in overall improvement in the study area, it should still be expected that increases in the traffic demand, additional vehicles that enter the network and the already-congested road network in the existing conditions will result in these operational issues. **Appendix N** shows Option A 2031 horizon traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area in Future 2031 Option A Conditions. Those with LOS of E or greater have been highlighted.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Table 6-8: Future 2031 Option A Intersections Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	5,715	104	F	6,215	133	F
Rutherford Road at Vellore Woods Blvd.	4,042	27	C	4,202	40	D
Rutherford Road at Hwy 400 Southbound Off-Ramp	3,314	43	D	4,244	21	C
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	6,046	32	C	6,343	23	C
Rutherford Road at Sweetriver Boulevard	5,957	22	C	5,755	41	D
Rutherford Road at Julliard Drive	5,243	26	C	4,984	41	D
Rutherford Road at Jane Street	7,542	49	D	7,493	92	F
Jane Street at Riverrock Gate	3,219	17	B	4,367	82	F
Jane Street at Bass Pro Mills Drive / Locke Street	3,585	16	B	4,040	53	D
Bass Pro Mills Drive at Edgeley Blvd.	2,567	17	B	2,999	42	D
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	2,529	133	F	2,515	76	E
Jane Street at Bagg Street / Gensal Gate	2,907	12	B	3,653	65	E
Jane Street at Langstaff Road	4,378	58	E	4,309	48	D
Langstaff Road at Millway Avenue	2,758	14	B	2,756	21	C
Langstaff Road at Edgeley Blvd.	3,977	28	C	4,965	63	E
Langstaff Road at Hwy 400 Northbound Off-Ramp	3,824	94	F	4,403	22	C
Langstaff Road at Terecar Drive / Silmar Drive	4,234	57	E	5,045	48	D
Langstaff Road at Weston Road	5,050	89	F	5,278	61	E
Weston Road at Greenpark Blvd.	2,987	22	C	3,289	19	B
Weston Road at Astona Blvd.	3,356	17	B	3,867	59	E
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension	1,567	36	D	2,499	58	E
Weston Road at Bass Pro Mills Drive	3,469	14	B	3,831	50	D



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

6.2.2 Future 2041 Conditions with Bass Pro Mills Drive Extension Modelling Results

The Future 2041 Option A Model was developed based on the assumptions previously discussed in this document.

Table 6-9 summarizes the model results of the AM and PM peak hour models for Future 2041 Option A. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour will be equal to 83.8 sec/km and it will be 116.3 sec/km in the PM peak hour. The results also show that 2,154 and 2,725 vehicles will be waiting to enter the network at the end of the simulation periods in the AM and PM peak hours, respectively. These values are decreased significantly (especially in the AM peak hour) comparing to the Future 2041 Base Conditions model results.

Generally, the model shows that in 2041, the PM peak hour will operate with more congestion comparing to the AM peak hour.

Table 6-9: Model Summary Results – Future 2041 Option A

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	33,780	40,097
Delay (s/km)	83.8	116.3
Total Travel Time (veh-h)	3,568	4,697
Total Travelled Distance (veh-km)	130,872	147,745
Speed (km/h)	43.2	37.1
Vehicles waiting to enter the network	2,154	2,725

The Future 2041 Option A intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-10** for the AM and PM peak hour models. Level of service (LOS) for each intersection is defined using overall delays based on the Highway Capacity Manual (HCM). The intersections with LOS of E or F are considered to be congested and are highlighted in this table.

The results show that several intersections within the primary study area in both AM and PM peak hours in the Future 2041 Option A will have operational issues. This can be attributed to the expected increases in traffic demand that oversaturate the already-congested road network.

Appendix O shows traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area in Future 2041 Option A. Those with LOS of E or greater have been highlighted.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Table 6-10: Future 2041 Option A Intersection Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	5,735	89	F	7,107	94	F
Rutherford Road at Vellore Woods Blvd.	4,153	36	D	4,707	28	C
Rutherford Road at Hwy 400 Southbound Off-Ramp	3,074	23	C	4,206	15	B
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	5,070	33	C	6,019	68	E
Rutherford Road at Sweetriver Boulevard	4,832	26	C	5,200	50	D
Rutherford Road at Julliard Drive	4,493	29	C	4,022	41	D
Rutherford Road at Jane Street	6,861	66	E	6,535	65	E
Jane Street at Riverrock Gate	3,004	15	B	4,185	57	E
Jane Street at Bass Pro Mills Drive / Locke Street	3,311	17	B	4,115	47	D
Bass Pro Mills Drive at Edgeley Blvd.	2,711	17	B	2,924	55	E
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	3,322	104	F	2,879	101	F
Jane Street at Bagg Street / Gensal Gate	2,609	11	B	3,789	23	C
Jane Street at Langstaff Road	4,668	52	D	4,883	56	E
Langstaff Road at Millway Avenue	3,156	11	B	3,471	20	B
Langstaff Road at Edgeley Blvd.	4,533	23	C	5,721	56	E
Langstaff Road at Hwy 400 Northbound Off-Ramp	4,420	72	E	4,551	23	C
Langstaff Road at Terecar Drive / Silmar Drive	4,649	57	E	5,577	42	D
Langstaff Road at Weston Road	5,299	100	F	5,992	73	E
Weston Road at Greenpark Blvd.	2,687	74	E	3,394	18	B
Weston Road at Astona Blvd.	3,308	32	C	4,270	20	B
Langstaff Road at Hwy 400 Southbound Off-Ramp (Signalized) (As part of Langstaff Road Improvements)	4,126	33	C	4,089	15	B
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension	2,372	55	E	2,501	151	F
Weston Road at Bass Pro Mills Drive	3,275	17	B	4,136	27	C



Existing and Future Options modelling results

6.3 OPTION B – FUTURE CONDITIONS WITH BASS PRO MILLS DRIVE EXTENSION AND VMCSF

6.3.1 Future 2031 Conditions with Bass Pro Mills Drive Extension and VMCSF Modelling Results

The Future 2031 Conditions with Bass Pro Mills Drive Extension and VMCSF model was developed based on the assumptions previously discussed in this document and using Option A model as the base.

Table 6-11 summarizes the AM and PM peak model results for the Future 2031 Option B, with Bass Pro Mills Drive extension and VMCSF. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour will be equal to 111.3 sec/km and it will increase to 148.6 sec/km in the PM peak hour. The delay values are considerably higher than the Future 2031 Base Conditions and Option A delay values. The results also show that 2,613 and 2,956 vehicles were waiting to enter the network at the end of the simulation periods in the AM and PM peak hours, respectively. The 2031 Option B model results in both peak hours show that the overall study area operational performance will be worse than Future 2031 Base Conditions and 2031 Option A. This will be a direct impact of the additional trips to and from VMCSF development.

Table 6-11: Model Summary Results – Future 2031 Option B

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	34,643	42,476
Delay (s/km)	111.3	148.6
Total Travel Time (veh-h)	4,502	5,573
Total Travelled Distance (veh-km)	128,269	143,664
Speed (km/h)	35.2	36.1
Vehicles waiting to enter the network	2,613	2,956

The Future 2031 Option B intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-12** for the AM and PM peak hour models. The intersections with LOS of E or F are considered to be congested and are highlighted in this table. The results show that most of the intersections within the primary study area in at least one of the AM and PM peak hours in the Future 2031 Option B will have operational issues. This can be attributed to the additional VMCSF trips in the study area. Although provision of the planned Bass Pro Mills Drive Extension will result in capacity and connectivity improvements in the study area, it should still be expected that increases in traffic demand due to proposed VMCSF plan result in these operational issues and shall be further studied as part of the VMCSF secondary plan to provide proper mitigations.

Appendix P shows Future 2031 Option B horizon traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area in Future 2031 Option B. Those with LOS of E or greater have been highlighted.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Table 6-12: Future 2031 Option B Intersection Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	6,195	136	F	6,485	108	F
Rutherford Road at Vellore Woods Blvd.	4,846	80	F	5,640	48	D
Rutherford Road at Hwy 400 Southbound Off-Ramp	4,102	45	D	5,150	35	D
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	6,151	57	E	6,132	46	D
Rutherford Road at Sweetriver Boulevard	5,952	22	C	5,464	77	E
Rutherford Road at Julliard Drive	5,197	28	C	4,583	96	F
Rutherford Road at Jane Street	7,728	57	E	7,403	85	F
Jane Street at Riverock Gate	3,529	19	B	4,720	91	F
Jane Street at Bass Pro Mills Drive / Locke Street	3,807	15	B	4,932	76	E
Bass Pro Mills Drive at Edgeley Blvd.	3,126	20	C	3,456	71	E
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	3,669	158	F	3,065	109	F
Jane Street at Bagg Street / Gensal Gate	2,974	11	B	4,027	98	F
Jane Street at Langstaff Road	4,476	62	E	4,583	74	E
Langstaff Road at Millway Avenue	2,720	15	B	2,938	30	C
Langstaff Road at Edgeley Blvd.	3,988	26	C	5,135	89	F
Langstaff Road at Hwy 400 Northbound Off-Ramp	3,733	166	F	4,630	46	D
Langstaff Road at Terecar Drive / Silmar Drive	4,074	57	E	5,220	64	E
Langstaff Road at Weston Road	5,229	163	F	5,619	134	F
Weston Road at Greenpark Blvd.	3,257	40	D	3,680	20	C
Weston Road at Astona Blvd.	3,464	22	C	3,655	46	D
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension	2,812	34	C	2,853	65	E
Weston Road at Bass Pro Mills Drive	3,756	38	D	3,707	39	D



Existing and Future Options modelling results

6.3.2 Future 2041 Conditions with Bass Pro Mills Drive Extension and VMCSF Modelling Results

The Future 2041 Option B with Bass Pro Mills Drive extension model was developed based on the assumptions previously discussed in this document and using Option A 2041 model as the base.

Table 6-13 summarizes the AM and PM peak model results for the Future 2041 Option B, with Bass Pro Mills Drive extension and VMCSF. The table is a summary of key model attributes and outputs and shows that the average delay in the AM peak hour will be equal to 96.0 sec/km and 149.0 sec/km in the PM peak hour. The model also that 3,643 and 5,007 vehicles were waiting to enter the network at the end of the simulation periods in the AM and PM peak hours, respectively.

Table 6-13: Model Summary Results – Future 2041 Option B

Scenario Results	AM Peak Hour	PM Peak Hour
Flow (veh)	36,398	43,474
Delay (s/km)	96.0	149.0
Total Travel Time (veh-h)	4,273	6,253
Total Travelled Distance (veh-km)	137,212	157,584
Speed (km/h)	37.5	31.6
Vehicles waiting to enter the network	3,643	5,007

The Future 2041 Option B intersection capacity analysis results for all signalized intersections in the primary study area are summarized in **Table 6-14** for the AM and PM peak hour models. The intersections with LOS of E or F are considered to be congested and are highlighted in this table.

The results show that several intersections within the primary study area the future 2041 Option B will have operational issues. As discussed earlier, the improvements provided in 2041 road network along with the bottlenecks at the entrances to the study area network that results in less traffic reaching to the study area road network result in improvement in intersections operations in comparison to the 2031 results.

Appendix Q shows Option B 2041 horizon traffic counts, delay, maximum queue lengths and level of service details for all turning movements within the primary study area in Future 2041 Option B. Those with LOS of E or greater have been highlighted.



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

Table 6-14: Future 2041 Option B Intersection Total Traffic, Delay and Level of Service

Intersection	AM Peak Hour			PM Peak Hour		
	Total Traffic	Delay (sec)	LOS	Total Traffic	Delay (sec)	LOS
Rutherford Road at Weston Road	5,974	121	F	7,227	87	F
Rutherford Road at Vellore Woods Blvd.	4,915	55	D	5,834	38	D
Rutherford Road at Hwy 400 Southbound Off-Ramp	3,824	23	C	4,698	18	B
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp	5,651	101	F	6,283	79	E
Rutherford Road at Sweetriver Boulevard	5,285	30	C	5,557	80	E
Rutherford Road at Julliard Drive	4,725	33	C	4,693	97	F
Rutherford Road at Jane Street	7,140	62	E	7,725	70	E
Jane Street at Riverock Gate	3,264	18	B	4,723	80	F
Jane Street at Bass Pro Mills Drive / Locke Street	3,682	16	B	5,109	68	E
Bass Pro Mills Drive at Edgeley Blvd.	3,031	18	B	3,645	46	D
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp	3,516	163	F	3,856	144	F
Jane Street at Bagg Street / Gensal Gate	2,967	12	B	4,498	28	C
Jane Street at Langstaff Road	4,783	45	D	5,315	72	E
Langstaff Road at Millway Avenue	3,098	12	B	4,170	27	C
Langstaff Road at Edgeley Blvd.	4,384	24	C	6,429	77	E
Langstaff Road at Hwy 400 Northbound Off-Ramp	4,398	93	F	5,114	24	C
Langstaff Road at Terecar Drive / Silmar Drive	4,878	40	D	5,755	58	E
Langstaff Road at Weston Road	5,221	143	F	6,161	120	F
Weston Road at Greenpark Blvd.	2,884	18	B	3,646	17	B
Weston Road at Astona Blvd.	3,309	24	C	4,072	12	B
Langstaff Road at Hwy 400 Southbound Off-Ramp (Signalized) (As part of Langstaff Road Improvements)	4,295	26	C	4,482	17	B
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension	2,569	22	C	3,372	45	D
Weston Road at Bass Pro Mills Drive	3,522	30	C	4,092	19	B



6.4 REVIEW OF WESTON ROAD SEGMENT BETWEEN ASTONA BOULEVARD AND BASS PRO MILLS DRIVE EXTENSION

This section provides a review of the queuing along Weston Road between its intersections at Astona Boulevard and proposed new traffic signal at Bass Pro Mills Drive Extension. This segment is shown in **Figure 6-1**.

A review of the space between these two intersections shows that the center to center space between these intersections is 243m and the distance between the curb returns is 196m. The provided space between curb returns is 19 meter shorter than the minimum intersection spacing between signalized intersections as recommended by Region of York Access Guidelines for arterial roads with design speed of 70 km/hr. This section provides a summary of the queuing analysis results extracted from the microsimulation models. The maximum and mean queue lengths for each turning movement in this segment were extracted from the models. The northbound queue length was calculated based on the maximum of the queue length for northbound left and northbound through movements at the intersection of Weston Road and Astona Boulevard. The southbound queue length was extracted from the maximum of reported queue lengths for southbound left and southbound through movements at the intersection of Weston Road and Astona Boulevard. The results are shown in **Table 6-15**.

As per the queue analysis results provided in Option A, while the maximum queue is three peak scenarios will be more than the space available, the mean (average) queue lengths will be considerably lower than the space available in this segment. Based on this and visual audits of the simulation scenarios it was concluded that the segment will be able to handle the traffic in both directions while at short periods of time the segment may face congestion.

In Option B, in 2031 AM peak hour the maximum and mean queue lengths will be more than the space available in this segment. It is recommended that this segment will be further reviewed as part of VMCSPT transportation study.

Table 6-15: Weston Road Segment Queuing Analysis Results

Segment	Direction	Distance (m)	Queue	Queue Length (meter)							
				Option A				Option B			
				2031		2041		2031		2041	
				AM	PM	AM	PM	AM	PM	AM	PM
Weston Road	NB	196	Max	41	230	26	165	41	256	39	85
			Mean	2	84	2	20	3	61	2	6
	SB		Max	130	332	241	195	566	546	390	195
			Mean	34	183	70	45	200	153	194	66



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Existing and Future Options modelling results

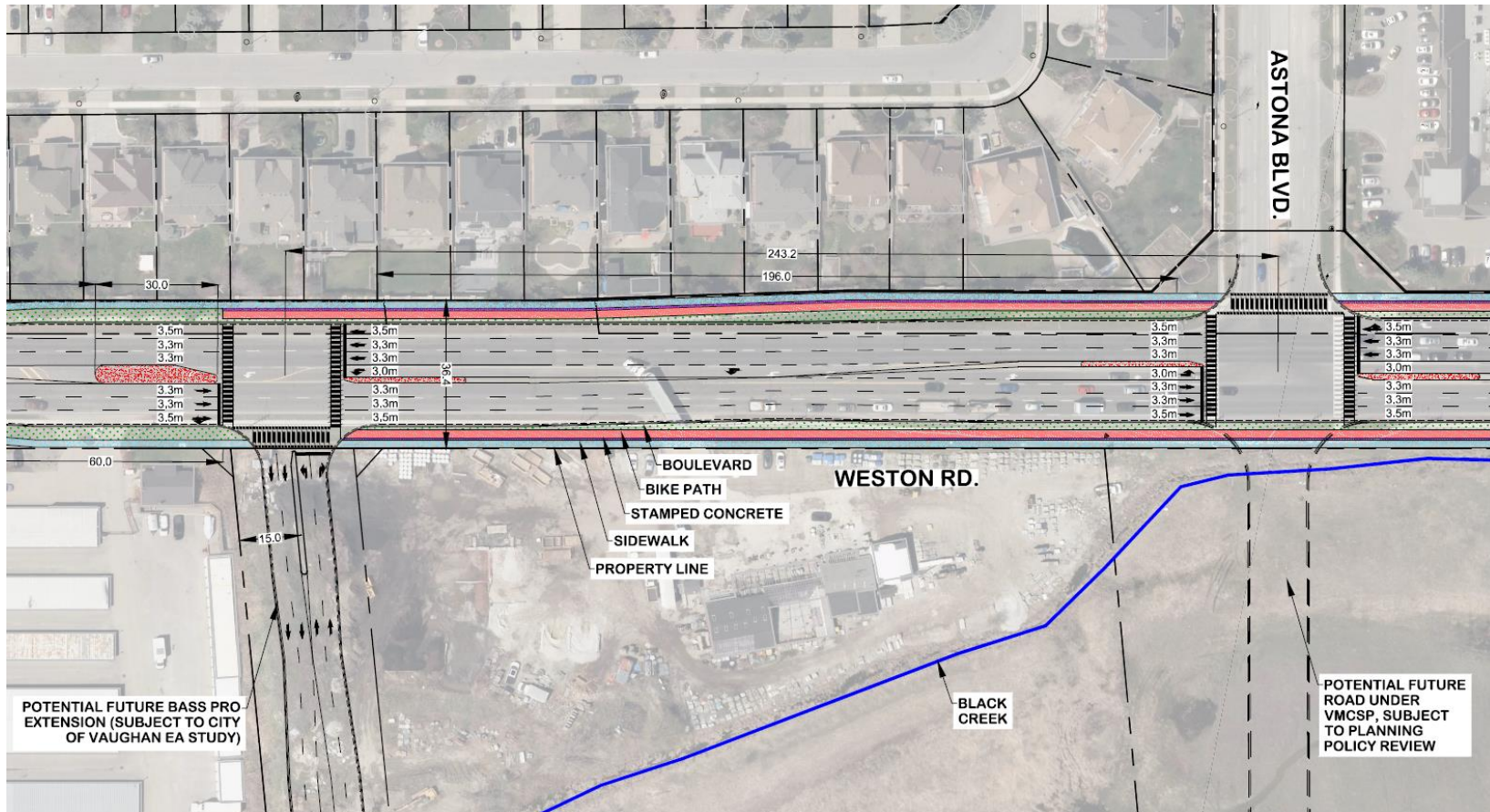


Figure 6-1: Weston Road segment between proposed Bass Pro Mills Drive Extension and Astona Boulevard



Conclusion

7.0 CONCLUSION

In summary, an 'Existing Conditions' (2020) multi-modal traffic model has been developed for the AM and PM weekday peak hours using Aimsun Next's version 8.4.0 software, which has been calibrated and validated using industry accepted practices. These practices included but are not limited to 'Base' travel demands extraction from the MTO GGHMv4 model and further adjustments to align with observed turning movements within the study area using Aimsun Next's static Origin-Destination (OD) adjustment procedure. The calibration results showed that both the AM and PM weekday peak hour Aimsun Next models are acceptable to be utilized for the future base and alternative analysis of the Bass Pro Mills study.

The OD adjusted demands for auto and truck were used as inputs to Aimsun Next's Dynamic User Equilibrium (DUE) microscopic simulation assignment. The results of the DUE simulation models were compared to the observed data, using the GEH statistic for observed and modelled turning movement counts, sectional travel times, and by visual audits of traffic performances.

The GEH results show that 85.1% of modelled turning movements in the study area during the AM peak hour and 87.8% during the PM peak hour have an acceptable GEH value less than 5.

The travel time results show that 94.4% of modelled volumes in the AM peak hour and 88.9% in the PM peak hour are within acceptable calibration ranges of observed travel time for sections within the study area.

In conclusion, both the AM and PM weekday peak hour Aimsun Next models are acceptable to be utilized for future base and alternative analysis of the Bass Pro Mills Drive study.

The calibrated and validated existing models were used as the basis of traffic operational analysis for Existing 2020 conditions and Future 2031 and 2041 Baseline Conditions. The Bass Pro Mills Drive extension from Romina Drive to Jane Street was modelled in the baseline scenarios. The 2041 baseline scenario includes the proposed Langstaff Road improvements.

A screen line analysis was conducted in the study area for the east-west crossing demand. The results confirmed that the existing crossing infrastructure is not sufficient for the forecasted demand and provision of extra capacity is required.

The Existing Conditions 2020 results showed that most of the intersections within the primary study area in both AM and PM peak hours are operating with acceptable overall LOS. The turn movement LOS review showed that several movements exist with operational issues in several intersections that can be attributed to the high traffic demand for those turn movements.

The following three (3) future options were assessed and compared in this study, including a Future Base Conditions scenario as a base and two (2) future options with Bass Pro Mills Drive extension with and without VMCSF future concept:



BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Conclusion

- Option 0 – Future Base Conditions (2031 and 2041 horizons)
- Option A – Future Conditions with Bass Pro Mills Drive extension and without VMCSF (2031 and 2041)
- Option B – Future Conditions with Bass Pro Mills Drive extension and VMCSF (2031 and 2041)

The Future 2031 and 2041 Base Conditions model results showed that the average delay is expected to increase from existing 2020 levels in the future horizon years. The intersections LOS analysis showed that several intersections will operate under critical operational level of service. The operational analysis results show that the provided capacity by existing road network does not provide sufficient level of operational performance and required capacity for the future traffic demand in the study area.

A review of the model results for Option A showed that by adding Bass Pro Mills Drive extension and proposed widening of Weston Road from Bass Pro Mills Drive to Hawkview Boulevard, the overall performance of the study area transportation network will improve in both 2031 and 2041 horizons.

The results for Option B showed that by adding VMCSF development trips, internal road network and connections to the transportation road network will impact the operations but intersection analysis results showed that the results will be very close to Option A. Option B requires local mitigations to improve the performance that will be provided through VMCSF study.

A queuing analysis review was conducted based on the microsimulation model results for Weston Road segment between Astona Boulevard and Bass Pro Mills Drive extension. The results showed that in Option A while the maximum queue lengths may be greater than the space provided, the average queue lengths are always below provided space.



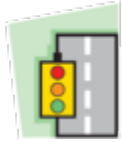
Conclusion

APPENDIX



Appendix A COLLECTED TRAFFIC DATA





Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

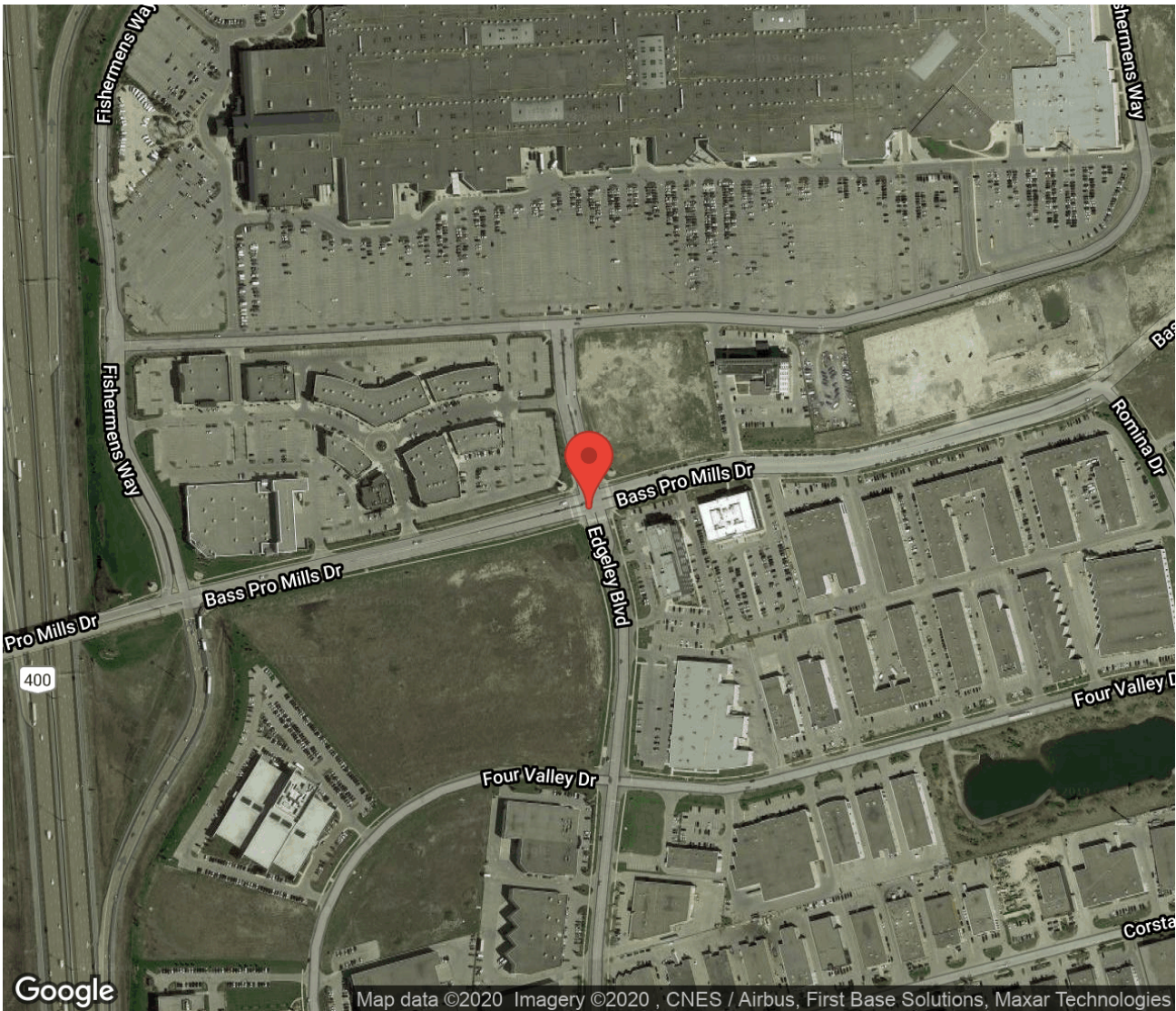
Intersection Count Report

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019
Site Code: 1936600008
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

Traffic Count Map



Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019





Traffic Count Summary

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
 Municipality: Vaughan
 Count Date: Nov 26, 2019

Fishermens Way - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	35	248	18	0	301	0	44	100	13	0	157	1
08:00 - 09:00	52	344	14	0	410	1	55	134	11	0	200	0
09:00 - 10:00	45	239	28	0	312	0	71	177	24	0	272	0
BREAK												
14:00 - 15:00	49	325	145	0	519	0	108	246	23	0	377	1
15:00 - 16:00	33	205	149	0	387	1	172	303	20	0	495	2
16:00 - 17:00	30	212	178	0	420	1	351	606	30	0	987	0
17:00 - 18:00	34	208	113	0	355	2	305	690	49	2	1046	0
18:00 - 19:00	28	170	113	0	311	1	130	411	11	0	552	1
GRAND TOTAL	306	1951	758	0	3015	6	1236	2667	181	2	4086	5

Traffic Count Summary



Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
 Municipality: Vaughan
 Count Date: Nov 26, 2019

Bass Pro Mills Dr - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	9	52	12	0	73	0	99	197	350	0	646	1
08:00 - 09:00	3	51	29	0	83	3	98	234	472	1	805	2
09:00 - 10:00	7	57	37	1	102	3	118	130	290	0	538	0
BREAK												
14:00 - 15:00	18	109	69	1	197	2	155	95	139	2	391	0
15:00 - 16:00	15	186	70	0	271	2	157	81	112	0	350	3
16:00 - 17:00	26	280	112	0	418	4	94	69	63	0	226	0
17:00 - 18:00	28	348	144	0	520	3	88	44	51	0	183	1
18:00 - 19:00	19	96	82	0	197	2	123	40	43	0	206	1
GRAND TOTAL	125	1179	555	2	1861	19	932	890	1520	3	3345	8



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

North Approach - Fishermens Way

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	5	44	7	0	56	2	3	1	0	6	0	1	0	0	1	0	0	0	0	0	0
07:15	7	56	0	0	63	0	5	1	0	6	0	1	0	0	1	0	0	0	0	0	0
07:30	9	56	2	0	67	0	4	1	0	5	0	2	0	0	2	0	0	0	0	0	0
07:45	10	73	6	0	89	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0
08:00	10	78	2	0	90	0	4	3	0	7	0	3	0	0	3	0	0	0	0	0	1
08:15	11	75	2	0	88	1	8	0	0	9	0	0	0	0	0	0	0	1	0	1	0
08:30	17	78	3	0	98	1	1	0	0	2	0	2	0	0	2	0	0	0	0	0	0
08:45	11	89	2	0	102	1	5	1	0	7	0	1	0	0	1	0	0	0	0	0	0
09:00	14	72	6	0	92	1	5	0	0	6	0	1	0	0	1	0	0	0	0	0	0
09:15	8	47	6	0	61	1	6	1	0	8	0	2	0	0	2	0	0	0	0	0	0
09:30	13	52	7	0	72	0	4	1	0	5	0	1	0	0	1	0	0	0	0	0	0
09:45	5	39	5	0	49	3	9	2	0	14	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	120	759	48	0	927	12	57	11	0	80	0	15	0	0	15	0	0	1	0	1	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

North Approach - Fishermens Way

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	16	71	34	0	121	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
14:15	11	90	29	0	130	2	9	4	0	15	0	1	0	0	1	0	0	0	0	0	0
14:30	5	70	34	0	109	1	4	3	0	8	0	1	0	0	1	0	0	0	0	0	0
14:45	14	67	37	0	118	0	4	3	0	7	0	0	0	0	0	0	0	0	0	0	0
15:00	6	43	40	0	89	4	10	2	0	16	0	1	0	0	1	0	0	0	0	0	1
15:15	6	41	35	0	82	1	4	4	0	9	0	2	0	0	2	0	0	0	0	0	0
15:30	6	39	39	0	84	2	5	3	0	10	0	0	0	0	0	0	0	0	0	0	0
15:45	7	56	26	0	89	1	2	0	0	3	0	2	0	0	2	0	0	0	0	0	0
16:00	5	53	41	0	99	2	5	2	0	9	0	1	0	0	1	0	0	0	0	0	0
16:15	9	40	35	0	84	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
16:30	4	47	55	0	106	0	1	6	0	7	0	2	1	0	3	0	0	0	0	0	1
16:45	10	56	36	0	102	0	2	2	0	4	0	1	0	0	1	0	0	0	0	0	0
17:00	11	55	34	0	100	1	3	3	0	7	0	1	0	0	1	0	0	0	0	0	1
17:15	10	51	23	0	84	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0
17:30	3	40	22	0	65	2	1	1	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	7	51	28	0	86	0	3	1	0	4	0	2	0	0	2	0	0	0	0	0	1
18:00	6	40	25	0	71	0	2	1	0	3	0	2	0	0	2	0	0	1	0	1	1
18:15	5	42	25	0	72	2	3	1	0	6	0	2	0	0	2	0	0	0	0	0	0
18:30	4	36	29	0	69	0	1	1	0	2	0	1	0	0	1	0	0	0	0	0	0
18:45	11	40	30	0	81	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	156	1028	657	0	1841	18	71	39	0	128	0	21	1	0	22	0	0	1	0	1	5

Start Time	Cars					Trucks					Buses					Total Peds					
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total						
GRAND TOTAL	276	1787	705	0	2768	30	128	50	0	208	0	36	1	0	37	0	0	2	0	2	6





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

South Approach - Edgeley Blvd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	2	19	3	0	24	4	6	0	0	10	0	1	0	0	1	0	0	0	0	0	0
07:15	5	18	0	0	23	11	2	1	0	14	0	2	0	0	2	0	0	0	0	0	0
07:30	3	20	4	0	27	5	4	2	0	11	0	1	0	0	1	0	0	0	0	0	1
07:45	11	24	3	0	38	3	2	0	0	5	0	1	0	0	1	0	0	0	0	0	0
08:00	10	22	1	0	33	7	5	0	0	12	0	2	0	0	2	0	0	0	0	0	0
08:15	10	28	0	0	38	3	3	0	0	6	0	1	0	0	1	0	0	0	0	0	0
08:30	11	27	1	0	39	3	3	1	0	7	0	2	0	0	2	0	0	0	0	0	0
08:45	10	33	6	0	49	1	7	2	0	10	0	1	0	0	1	0	0	0	0	0	0
09:00	16	28	3	0	47	6	6	0	0	12	0	2	0	0	2	0	0	0	0	0	0
09:15	10	33	6	0	49	5	4	1	0	10	0	1	0	0	1	0	0	0	0	0	0
09:30	9	44	6	0	59	4	3	2	0	9	0	2	0	0	2	0	0	0	0	0	0
09:45	15	50	4	0	69	6	4	2	0	12	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	112	346	37	0	495	58	49	11	0	118	0	16	0	0	16	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

South Approach - Edgeley Blvd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	16	63	4	0	83	3	5	0	0	8	0	1	0	0	1	0	0	0	0	0	0
14:15	21	60	6	0	87	9	6	0	0	15	0	0	0	0	0	0	0	0	0	0	0
14:30	17	45	7	0	69	8	7	2	0	17	0	0	0	0	0	0	0	0	0	0	1
14:45	24	54	2	0	80	10	5	2	0	17	0	0	0	0	0	0	0	0	0	0	0
15:00	39	68	5	0	112	6	4	0	0	10	0	1	0	0	1	0	0	0	0	0	1
15:15	30	69	3	0	102	6	5	0	0	11	0	1	0	0	1	0	0	0	0	0	1
15:30	36	53	3	0	92	5	7	1	0	13	0	2	0	0	2	0	0	0	0	0	0
15:45	45	81	6	0	132	5	11	2	0	18	0	1	0	0	1	0	0	0	0	0	0
16:00	82	119	5	0	206	6	8	0	0	14	0	0	0	0	0	0	0	0	0	0	0
16:15	65	120	8	0	193	5	10	0	0	15	0	1	0	0	1	0	0	0	0	0	0
16:30	101	174	4	0	279	5	7	1	0	13	0	2	0	0	2	0	0	0	0	0	0
16:45	84	150	8	0	242	3	14	4	0	21	0	1	0	0	1	0	0	0	0	0	0
17:00	100	185	9	0	294	9	8	1	0	18	0	1	0	0	1	0	0	0	0	0	0
17:15	79	170	5	0	254	3	14	1	0	18	0	1	0	0	1	0	0	0	0	0	0
17:30	58	153	17	0	228	2	5	3	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	52	140	12	2	206	2	10	1	0	13	0	2	0	0	2	0	1	0	0	1	0
18:00	32	131	3	0	166	3	8	0	0	11	0	1	0	0	1	0	0	0	0	0	0
18:15	34	114	3	0	151	2	6	0	0	8	0	1	0	0	1	0	0	0	0	0	0
18:30	30	64	3	0	97	7	5	1	0	13	0	1	0	0	1	0	0	0	0	0	1
18:45	22	72	1	0	95	0	6	0	0	6	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	967	2085	114	2	3168	99	151	19	0	269	0	19	0	0	19	0	1	0	0	1	4

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1079	2431	151	2	3663	157	200	30	0	387	0	35	0	0	35	0	1	0	0	1	5





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

East Approach - Bass Pro Mills Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	6	2	0	9	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	2	6	0	0	8	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
07:30	2	14	0	0	16	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
07:45	2	5	7	0	14	1	6	2	0	9	0	0	0	0	0	0	0	0	0	0	0
08:00	0	5	6	0	11	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	1
08:15	1	5	5	0	11	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
08:30	0	6	4	0	10	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	1
08:45	0	10	10	0	20	1	4	2	0	7	0	1	0	0	1	1	0	0	0	1	1
09:00	2	6	4	0	12	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
09:15	0	16	7	0	23	1	3	2	0	6	0	1	0	0	1	0	0	0	0	0	2
09:30	2	9	11	1	23	0	5	2	0	7	0	0	0	0	0	0	0	0	0	0	0
09:45	2	6	10	0	18	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	14	94	66	1	175	4	63	12	0	79	0	3	0	0	3	1	0	0	0	1	6



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

East Approach - Bass Pro Mills Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	4	12	10	0	26	1	9	3	0	13	0	0	0	0	0	0	0	0	0	0	1
14:15	2	15	24	0	41	1	11	0	0	12	0	0	0	0	0	0	0	0	0	0	0
14:30	2	29	14	0	45	1	6	2	1	10	0	0	0	0	0	0	0	0	0	0	1
14:45	6	22	11	0	39	1	5	5	0	11	0	0	0	0	0	0	0	0	0	0	0
15:00	5	36	16	0	57	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
15:15	3	34	12	0	49	0	4	2	0	6	0	0	0	0	0	0	0	0	0	0	1
15:30	1	65	23	0	89	1	8	2	0	11	0	0	0	0	0	0	0	0	0	0	0
15:45	4	34	13	0	51	0	4	2	0	6	0	0	0	0	0	0	0	0	0	0	1
16:00	7	74	25	0	106	0	7	2	0	9	0	0	0	0	0	0	0	0	0	0	0
16:15	8	40	23	0	71	0	8	2	0	10	0	0	0	0	0	0	0	0	0	0	2
16:30	5	86	29	0	120	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	1
16:45	5	56	26	0	87	1	7	3	0	11	0	0	0	0	0	0	0	0	0	0	1
17:00	6	133	39	0	178	1	12	1	0	14	0	1	0	0	1	0	0	0	0	0	1
17:15	6	83	32	0	121	0	7	4	0	11	0	0	0	0	0	0	0	0	0	0	0
17:30	5	62	41	0	108	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
17:45	10	48	21	0	79	0	1	4	0	5	0	0	0	0	0	0	0	0	0	0	2
18:00	5	37	26	0	68	1	4	2	0	7	0	0	0	0	0	0	0	0	0	0	1
18:15	1	13	23	0	37	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
18:30	6	21	16	0	43	1	3	4	0	8	0	0	0	0	0	0	0	0	0	0	1
18:45	4	13	10	0	27	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	95	913	434	0	1442	11	105	43	1	160	0	1	0	0	1	0	0	0	0	0	13

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	109	1007	500	1	1617	15	168	55	1	239	0	4	0	0	4	1	0	0	0	1	19





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Municipality: Vaughan
Count Date: Nov 26, 2019

West Approach - Bass Pro Mills Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	22	25	48	0	95	1	5	7	0	13	0	0	0	0	0	0	0	0	0	0	0
07:15	15	46	85	0	146	0	5	9	0	14	0	0	0	0	0	0	0	0	0	0	0
07:30	25	39	73	0	137	2	6	3	0	11	0	0	0	0	0	0	0	0	0	0	1
07:45	31	66	116	0	213	3	5	9	0	17	0	0	0	0	0	0	0	0	0	0	0
08:00	16	49	94	0	159	0	1	9	0	10	0	0	0	0	0	0	0	0	0	0	0
08:15	31	61	102	0	194	3	6	9	0	18	0	1	0	0	1	0	0	0	0	0	1
08:30	20	42	103	0	165	1	7	7	1	16	0	0	0	0	0	0	0	0	0	0	1
08:45	26	60	137	0	223	1	7	11	0	19	0	0	0	0	0	0	0	0	0	0	0
09:00	22	28	95	0	145	3	6	8	0	17	0	0	0	0	0	0	0	0	0	0	0
09:15	28	24	61	0	113	1	7	9	0	17	0	0	0	0	0	0	0	0	0	0	0
09:30	29	28	52	0	109	1	5	5	0	11	0	0	0	0	0	0	0	0	0	0	0
09:45	33	24	53	0	110	1	8	7	0	16	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	298	492	1019	0	1809	17	68	93	1	179	0	1	0	0	1	0	0	0	0	0	3

Start Time	Cars					Trucks					Buses					Total Peds				
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total					
GRAND TOTAL	879	733	1344	2	2958	53	156	175	1	385	0	1	1	0	2	0	0	0	0	8





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 08:15:00
To: 09:15:00

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Site ID: 1936600008
Count Date: Nov 26, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Fishermens Way runs N/S

North Approach

	Out	In	Total
	380	238	618
	24	32	56
	4	6	10
	1	0	1
Totals	409	276	685

Fishermens Way

	1	0	0	0
	0	4	0	0
	1	19	4	0
	13	314	53	0
Totals	15	337	57	0

East Approach

	Out	In	Total
	53	254	307
	29	33	62
	1	1	2
	1	0	1
Totals	84	288	372

Bass Pro Mills Dr

					Totals
	0	0	1	0	1
	0	0	8	99	107
	0	1	26	191	218
	0	0	35	437	472

Peds: 0



Peds: 2

Peds: 2

Peds: 0

Bass Pro Mills Dr

Totals				
0	0	0	0	0
28	23	5	0	0
51	27	23	1	0
5	3	1	0	1

West Approach

	Out	In	Total
	727	87	814
	70	38	108
	1	1	2
	0	1	1
Totals	798	127	925

Totals				
60	141	13	0	
	47	116	10	0
	13	19	3	0
	0	6	0	0
	0	0	0	0

Edgeley Blvd

South Approach

	Out	In	Total
	173	754	927
	35	55	90
	6	4	10
	0	1	1
Totals	214	814	1028

- Cars

- Trucks

- Buses

- Bicycles

Comments



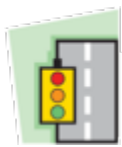
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Count Date: Nov 26, 2019
Period: 07:00 - 10:00

Peak Hour Data (08:15 - 09:15)

Start Time	North Approach Fishermens Way						South Approach Edgeley Blvd						East Approach Bass Pro Mills Dr						West Approach Bass Pro Mills Dr						Total Vehic es	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
08:15	12	83	3	0	0	98	13	32	0	0	0	45	1	12	6	0	0	19	34	68	111	0	1	213	375	
08:30	18	81	3	0	0	102	14	32	2	0	0	48	0	13	5	0	1	18	21	49	110	1	1	181	349	
08:45	12	95	3	0	0	110	11	41	8	0	0	60	2	15	12	0	1	29	27	67	148	0	0	242	441	
09:00	15	78	6	0	0	99	22	36	3	0	0	61	2	11	5	0	0	18	25	34	103	0	0	162	340	
Grand Total	57	337	15	0	0	409	60	141	13	0	0	214	5	51	28	0	2	84	107	218	472	1	2	798	1505	
Approach %	13.9	82.4	3.7	0	-	-	28	65.9	6.1	0	-	-	6	60.7	33.3	0	-	-	13.4	27.3	59.1	0.1	-	-	-	
Totals %	3.8	22.4	1	0	-	27.2	4	9.4	0.9	0	-	14.2	0.3	3.4	1.9	0	-	5.6	7.1	14.5	31.4	0.1	-	-	53	
PHF	0.79	0.89	0.63	0	-	0.93	0.68	0.86	0.41	0	-	0.88	0.63	0.85	0.58	0	-	0.72	0.79	0.8	0.8	0.25	-	-	0.82	0.85
Cars	53	314	13	0	-	380	47	116	10	0	-	173	3	27	23	0	-	53	99	191	437	0	-	-	727	1333
% Cars	93	93.2	86.7	0	-	92.9	78.3	82.3	76.9	0	-	80.8	60	52.9	82.1	0	-	63.1	92.5	87.6	92.6	0	-	-	91.1	88.6
Trucks	4	19	1	0	-	24	13	19	3	0	-	35	1	23	5	0	-	29	8	26	35	1	-	-	70	158
% Trucks	7	5.6	6.7	0	-	5.9	21.7	13.5	23.1	0	-	16.4	20	45.1	17.9	0	-	34.5	7.5	11.9	7.4	100	-	-	8.8	10.5
Buses	0	4	0	0	-	4	0	6	0	0	-	6	0	1	0	0	-	1	0	1	0	0	-	-	1	12
% Buses	0	1.2	0	0	-	1	0	4.3	0	0	-	2.8	0	2	0	0	-	1.2	0	0.5	0	0	-	-	0.1	0.8
Bicycles	0	0	1	0	-	1	0	0	0	0	-	0	1	0	0	0	-	1	0	0	0	0	-	-	0	2
% Bicycles	0	0	6.7	0	-	0.2	0	0	0	0	-	0	20	0	0	0	-	1.2	0	0	0	0	-	-	0	0.1
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	2	-	-	4
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	50	-	-	-	-	-	50	-	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Site ID: 1936600008
Count Date: Nov 26, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Fishermens Way runs N/S

North Approach

	Out	In	Total
	392	886	1278
	19	59	78
	6	5	11
	0	0	0
Totals	417	950	1367

Fishermens Way

	0	0	0	0
	1	5	0	0
	12	6	1	0
	148	209	35	0
Totals	161	220	36	0

East Approach

	Out	In	Total
	506	98	604
	40	23	63
	1	0	1
	0	0	0
Totals	547	121	668

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	6	81	87
0	0	15	37	52
0	0	8	45	53

Peds: 2



Peds: 1

Peds: 3

Peds: 0

Bass Pro Mills Dr

Totals				
0	0	0	0	0
136	126	10	0	0
387	358	28	1	0
24	22	2	0	0

West Approach

	Out	In	Total
	163	870	1033
	29	60	89
	0	2	2
	0	0	0
Totals	192	932	1124

					Totals
Totals	384	727	33	0	
	364	679	26	0	
	20	43	7	0	
	0	5	0	0	
	0	0	0	0	

Edgeley Blvd

South Approach

	Out	In	Total
	1069	276	1345
	70	16	86
	5	5	10
	0	0	0
Totals	1144	297	1441

- Cars

- Trucks

- Buses

- Bicycles

Comments



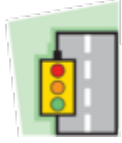
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Edgeley Blvd-Fishermens Way & Bass Pro Mills Dr
Count Date: Nov 26, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Fishermens Way						South Approach Edgeley Blvd						East Approach Bass Pro Mills Dr						West Approach Bass Pro Mills Dr						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	4	50	62	0	1	116	106	183	5	0	0	294	5	88	31	0	1	124	20	13	18	0	0	51	585
16:45	10	59	38	0	0	107	87	165	12	0	0	264	6	63	29	0	1	98	25	18	10	0	0	53	522
17:00	12	59	37	0	1	108	109	194	10	0	0	313	7	146	40	0	1	193	17	10	11	0	1	38	652
17:15	10	52	24	0	0	86	82	185	6	0	0	273	6	90	36	0	0	132	25	11	14	0	0	50	541
Grand Total	36	220	161	0	2	417	384	727	33	0	0	1144	24	387	136	0	3	547	87	52	53	0	1	192	2300
Approach %	8.6	52.8	38.6	0	-	-	33.6	63.5	2.9	0	-	-	4.4	70.7	24.9	0	-	-	45.3	27.1	27.6	0	-	-	-
Totals %	1.6	9.6	7	0	18.1	-	16.7	31.6	1.4	0	49.7	-	1	16.8	5.9	0	23.8	-	3.8	2.3	2.3	0	8.3	-	-
PHF	0.75	0.93	0.65	0	0.9	-	0.88	0.94	0.69	0	0.91	-	0.86	0.66	0.85	0	0.71	-	0.87	0.72	0.74	0	0.91	-	0.88
Cars	35	209	148	0	392	-	364	679	26	0	1069	-	22	358	126	0	506	-	81	37	45	0	163	-	2130
% Cars	97.2	95	91.9	0	94	-	94.8	93.4	78.8	0	93.4	-	91.7	92.5	92.6	0	92.5	-	93.1	71.2	84.9	0	84.9	-	92.6
Trucks	1	6	12	0	19	-	20	43	7	0	70	-	2	28	10	0	40	-	6	15	8	0	29	-	158
% Trucks	2.8	2.7	7.5	0	4.6	-	5.2	5.9	21.2	0	6.1	-	8.3	7.2	7.4	0	7.3	-	6.9	28.8	15.1	0	15.1	-	6.9
Buses	0	5	1	0	6	-	0	5	0	0	5	-	0	1	0	0	1	-	0	0	0	0	0	-	12
% Buses	0	2.3	0.6	0	1.4	-	0	0.7	0	0	0.4	-	0	0.3	0	0	0.2	-	0	0	0	0	0	-	0.5
Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
Peds					2	-					0	-					3	-					1	-	6
% Peds					33.3	-					0	-					50	-					16.7	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019
Site Code: 1936600039
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

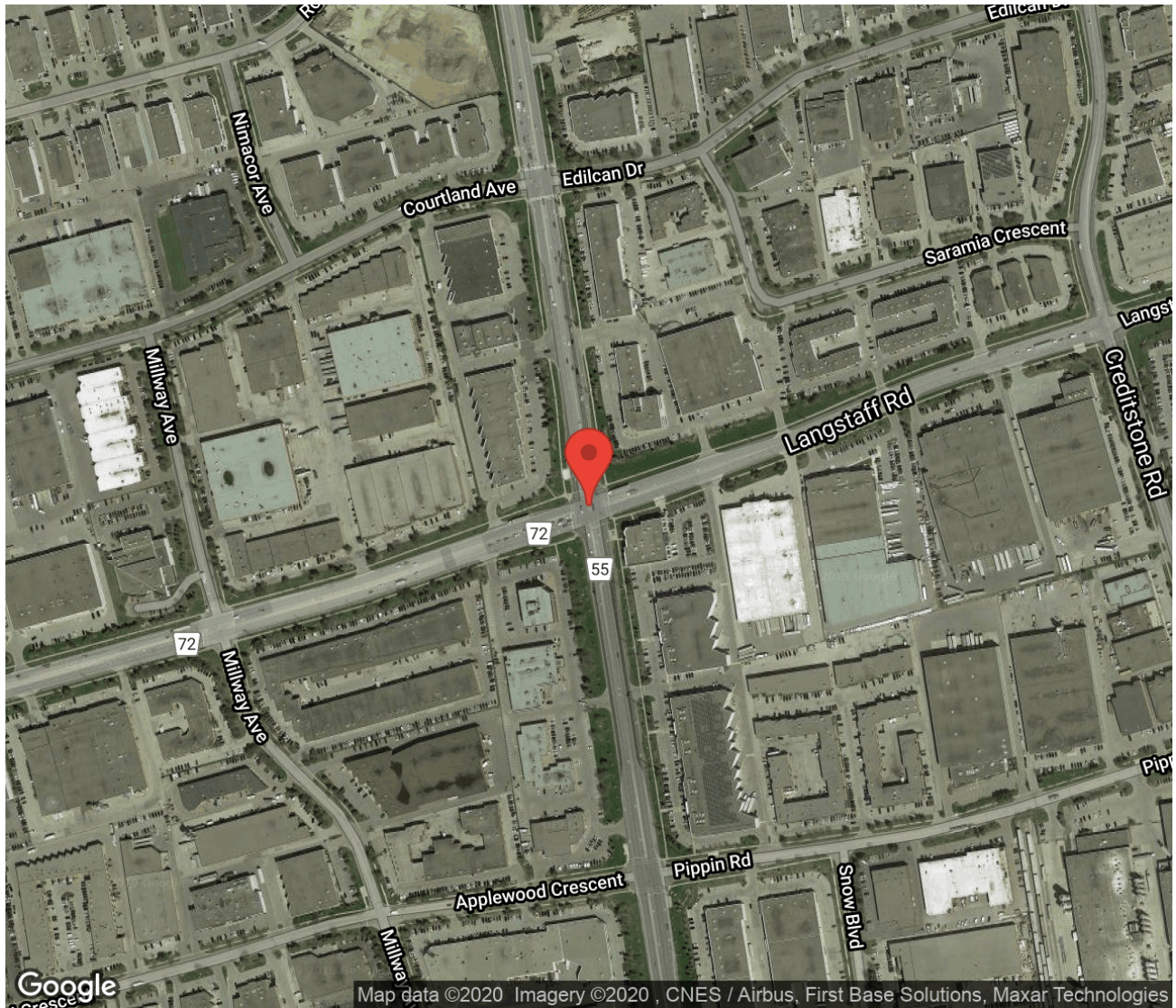


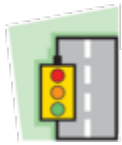
Traffic Count Map

Intersection: Jane St & Langstaff Rd

Municipality: Vaughan

Count Date: Nov 26, 2019



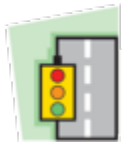


Traffic Count Summary

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	58	1091	219	0	1368	2	109	346	54	0	509	10
08:00 - 09:00	47	1031	270	0	1348	4	105	434	54	0	593	5
09:00 - 10:00	51	804	207	0	1062	1	119	397	50	0	566	6
BREAK												
14:00 - 15:00	61	583	220	0	864	1	164	707	71	0	942	5
15:00 - 16:00	44	649	231	0	924	2	164	816	71	0	1051	13
16:00 - 17:00	38	573	189	0	800	1	187	1177	66	0	1430	10
17:00 - 18:00	40	588	142	0	770	2	173	1077	68	0	1318	8
18:00 - 19:00	19	478	158	0	655	1	161	855	46	1	1063	2
GRAND TOTAL	358	5797	1636	0	7791	14	1182	5809	480	1	7472	59



Traffic Count Summary

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

Langstaff Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	60	324	19	0	403	5	142	515	245	0	902	16
08:00 - 09:00	59	365	24	0	448	3	166	509	230	0	905	6
09:00 - 10:00	68	376	29	0	473	0	157	403	161	0	721	7
BREAK												
14:00 - 15:00	58	404	50	0	512	3	227	477	118	0	822	9
15:00 - 16:00	64	506	54	0	624	3	233	491	103	0	827	3
16:00 - 17:00	74	493	48	0	615	7	296	578	88	0	962	6
17:00 - 18:00	53	446	60	0	559	3	290	491	81	0	862	8
18:00 - 19:00	38	398	44	0	480	3	258	403	66	1	728	2
GRAND TOTAL	474	3312	328	0	4114	27	1769	3867	1092	1	6729	57



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	10	249	44	0	303	3	26	3	0	32	1	1	0	0	2	0	0	0	0	0	1
07:15	7	232	41	0	280	1	26	10	0	37	0	1	0	0	1	0	0	0	0	0	0
07:30	15	269	56	0	340	4	29	8	0	41	1	1	0	0	2	0	0	0	0	0	1
07:45	12	225	48	0	285	4	30	8	0	42	0	1	1	0	2	0	1	0	0	1	0
08:00	14	263	51	0	328	1	23	14	0	38	0	2	0	0	2	0	0	0	0	0	0
08:15	6	203	54	0	263	1	19	10	0	30	0	2	0	0	2	0	0	0	0	0	2
08:30	10	226	65	0	301	3	25	10	0	38	0	1	1	0	2	0	0	0	0	0	1
08:45	9	244	57	0	310	3	20	7	0	30	0	3	1	0	4	0	0	0	0	0	1
09:00	9	220	50	0	279	3	25	4	0	32	0	2	2	0	4	0	0	0	0	0	0
09:15	12	184	49	0	245	2	22	9	0	33	0	3	0	0	3	0	0	0	0	0	0
09:30	9	159	39	0	207	2	12	6	0	20	0	2	0	0	2	0	1	0	0	1	0
09:45	10	143	41	0	194	4	30	7	0	41	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	123	2617	595	0	3335	31	287	96	0	414	2	20	5	0	27	0	2	0	0	2	7



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	6	116	50	0	172	1	21	7	0	29	0	2	1	0	3	0	0	0	0	0	1
14:15	21	120	36	0	177	3	29	7	0	39	0	0	1	0	1	0	0	0	0	0	0
14:30	9	130	54	0	193	1	26	9	0	36	0	1	1	0	2	0	0	0	0	0	0
14:45	15	127	44	0	186	5	10	10	0	25	0	1	0	0	1	0	0	0	0	0	0
15:00	10	152	56	0	218	1	18	10	0	29	0	1	0	0	1	0	0	0	0	0	0
15:15	7	122	48	0	177	2	23	9	0	34	0	0	0	0	0	0	0	0	0	0	1
15:30	12	137	44	0	193	2	20	3	0	25	0	2	0	0	2	1	1	0	0	2	0
15:45	6	151	56	0	213	3	21	4	0	28	0	1	1	0	2	0	0	0	0	0	1
16:00	3	108	41	0	152	5	15	10	0	30	0	3	0	0	3	0	0	0	0	0	0
16:15	10	136	40	0	186	1	8	8	0	17	0	2	0	0	2	0	0	0	0	0	0
16:30	8	137	38	0	183	1	11	2	0	14	0	1	0	0	1	0	0	0	0	0	1
16:45	9	136	45	0	190	1	15	5	0	21	0	1	0	0	1	0	0	0	0	0	0
17:00	8	173	31	0	212	1	11	5	0	17	0	1	0	0	1	0	0	0	0	0	1
17:15	7	130	32	0	169	3	8	2	0	13	0	1	0	0	1	0	0	0	0	0	0
17:30	8	122	30	0	160	0	8	7	0	15	0	2	0	0	2	0	0	0	0	0	0
17:45	11	123	33	0	167	2	7	2	0	11	0	2	0	0	2	0	0	0	0	0	1
18:00	4	113	34	0	151	0	8	5	0	13	0	1	0	0	1	0	0	0	0	0	0
18:15	4	107	34	0	145	5	8	2	0	15	0	1	1	0	2	0	0	0	0	0	1
18:30	4	130	33	0	167	0	8	2	0	10	0	2	0	0	2	0	0	0	0	0	0
18:45	1	94	46	0	141	1	5	1	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	163	2564	825	0	3552	38	280	110	0	428	0	26	5	0	31	1	1	0	0	2	7

Start Time	Cars					Trucks					Buses					Total Peds					
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total						
GRAND TOTAL	286	5181	1420	0	6887	69	567	206	0	842	2	46	10	0	58	1	3	0	0	4	14





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	28	57	8	0	93	3	16	0	0	19	0	2	0	0	2	0	0	0	0	0	5
07:15	16	72	10	0	98	6	13	8	0	27	1	3	1	0	5	0	0	0	0	0	1
07:30	23	67	8	0	98	5	15	1	0	21	1	2	0	0	3	0	0	0	0	0	1
07:45	20	88	12	0	120	5	8	5	0	18	0	2	1	0	3	1	1	0	0	2	3
08:00	18	96	9	0	123	2	17	2	0	21	0	1	0	0	1	0	1	0	0	1	4
08:15	27	85	9	0	121	3	13	3	0	19	0	2	0	0	2	0	0	0	0	0	0
08:30	27	91	13	0	131	5	15	3	0	23	0	2	0	0	2	0	0	0	0	0	0
08:45	18	98	11	0	127	5	11	4	0	20	0	2	0	0	2	0	0	0	0	0	1
09:00	24	77	12	0	113	4	11	2	0	17	0	2	0	0	2	0	0	0	0	0	0
09:15	21	94	10	0	125	6	12	1	0	19	1	1	0	0	2	0	0	0	0	0	2
09:30	29	81	10	0	120	3	14	4	0	21	0	1	0	0	1	0	0	0	0	0	0
09:45	24	86	10	0	120	7	16	1	0	24	0	1	0	0	1	0	1	0	0	1	4
SUBTOTAL	275	992	122	0	1389	54	161	34	0	249	3	21	2	0	26	1	3	0	0	4	21

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	1027	5176	389	1	6593	149	578	89	0	816	5	52	2	0	59	1	3	0	0	4	59





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

East Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	13	78	4	0	95	1	17	0	0	18	0	1	0	0	1	0	0	0	0	0	1
07:15	16	56	3	0	75	2	22	0	0	24	0	1	0	0	1	0	0	0	0	0	1
07:30	10	49	3	0	62	1	18	0	0	19	0	0	0	0	0	0	0	0	0	0	2
07:45	15	58	6	0	79	1	24	3	0	28	1	0	0	0	1	0	0	0	0	0	1
08:00	9	49	1	0	59	3	20	1	0	24	0	0	0	0	0	0	0	0	0	0	0
08:15	9	75	6	0	90	3	32	2	0	37	0	0	0	0	0	0	0	0	0	0	3
08:30	16	68	3	0	87	5	30	2	0	37	0	1	0	0	1	0	0	0	0	0	0
08:45	13	68	8	0	89	1	22	1	0	24	0	0	0	0	0	0	0	0	0	0	0
09:00	13	65	4	0	82	5	29	2	0	36	0	0	0	0	0	0	0	0	0	0	0
09:15	13	71	2	0	86	5	30	3	0	38	0	3	0	0	3	0	0	0	0	0	0
09:30	14	67	4	0	85	4	33	2	0	39	0	0	0	0	0	0	0	0	0	0	0
09:45	8	53	11	0	72	6	24	1	0	31	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	149	757	55	0	961	37	301	17	0	355	1	7	0	0	8	0	0	0	0	0	8

Start Time	Cars					Trucks					Buses					Total Peds				
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total					
GRAND TOTAL	394	2623	268	0	3285	79	676	60	0	815	1	13	0	0	14	0	0	0	0	27





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 26, 2019

West Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	45	83	24	0	152	11	34	3	0	48	0	1	0	0	1	0	0	0	0	0	1
14:15	43	112	22	0	177	12	27	4	0	43	1	1	0	0	2	0	0	0	0	0	0
14:30	48	87	29	0	164	7	25	10	0	42	0	0	0	0	0	0	0	0	0	0	8
14:45	52	87	21	0	160	8	20	5	0	33	0	0	0	0	0	0	0	0	0	0	0
15:00	48	103	25	0	176	4	18	4	0	26	0	2	0	0	2	0	0	0	0	0	2
15:15	64	107	25	0	196	4	18	5	0	27	1	0	0	0	1	0	0	0	0	0	0
15:30	49	99	17	0	165	5	27	1	0	33	0	0	0	0	0	0	0	0	0	0	1
15:45	50	93	22	0	165	8	24	4	0	36	0	0	0	0	0	0	0	0	0	0	0
16:00	68	135	22	0	225	6	17	4	0	27	1	0	0	0	1	0	0	0	0	0	1
16:15	57	100	21	0	178	5	23	2	0	30	0	2	0	0	2	0	0	1	0	1	1
16:30	82	141	15	0	238	5	23	8	0	36	0	1	0	0	1	0	0	0	0	0	3
16:45	64	118	14	0	196	8	18	1	0	27	0	0	0	0	0	0	0	0	0	0	1
17:00	65	110	18	0	193	9	13	0	0	22	0	1	0	0	1	0	0	0	0	0	3
17:15	58	114	13	0	185	13	14	1	0	28	0	0	0	0	0	0	0	0	0	0	3
17:30	64	110	25	0	199	5	14	2	0	21	0	0	0	0	0	0	0	0	0	0	1
17:45	72	101	19	0	192	4	14	3	0	21	0	0	0	0	0	0	0	0	0	0	1
18:00	81	107	10	0	198	6	17	0	0	23	0	0	0	0	0	0	0	0	0	0	1
18:15	70	101	16	0	187	4	13	0	0	17	0	0	1	0	1	0	0	0	0	0	0
18:30	59	87	19	1	166	4	10	2	0	16	0	0	0	0	0	0	0	0	0	0	1
18:45	30	58	18	0	106	4	10	0	0	14	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1169	2053	395	1	3618	132	379	59	0	570	3	8	1	0	12	0	0	1	0	1	28

Start Time	Cars					Trucks					Buses					Total Peds					
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total						
GRAND TOTAL	1559	3227	968	1	5755	206	628	121	0	955	4	12	2	0	18	0	0	1	0	1	57



Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: Jane St & Langstaff Rd
Site ID: 1936600039
Count Date: Nov 26, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1177	516	1693
	148	87	235
	8	7	15
	1	2	3
Totals	1334	612	1946

Jane St

	0	1	0	0
	2	6	0	0
	42	97	9	0
	218	917	42	0
Totals	262	1021	51	0

East Approach

	Out	In	Total
	315	534	849
	126	111	237
	2	3	5
	0	0	0
Totals	443	648	1091

Langstaff Rd

					Totals
	0	0	0	0	0
	0	0	26	140	166
	0	2	89	449	540
	0	0	21	224	245

Peds: 3



Peds: 7

Peds: 4

Peds: 7

Langstaff Rd

Totals				
	0	0	0	0
	24	16	8	0
	357	250	106	1
	62	49	12	1

West Approach

	Out	In	Total
	813	560	1373
	136	163	299
	2	3	5
	0	1	1
Totals	951	727	1678

Totals				
	92	360	43	0
	15	53	13	0
	0	7	1	0
	1	2	0	0

Jane St

South Approach

	Out	In	Total
	495	1190	1685
	81	130	211
	8	7	15
	3	1	4
Totals	587	1328	1915

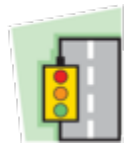
- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Langstaff Rd
Count Date: Nov 26, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Langstaff Rd						West Approach Langstaff Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:45	16	257	57	0	0	330	26	99	18	0	3	143	17	82	9	0	1	108	41	155	72	0	3	268	849
08:00	15	288	65	0	0	368	20	115	11	0	4	146	12	69	2	0	0	83	37	129	56	0	0	222	819
08:15	7	224	64	0	2	295	30	100	12	0	0	142	12	107	8	0	3	127	45	145	54	0	4	244	808
08:30	13	252	76	0	1	341	32	108	16	0	0	156	21	99	5	0	0	125	43	111	63	0	0	217	839
Grand Total	51	1021	262	0	3	1334	108	422	57	0	7	587	62	357	24	0	4	443	166	540	245	0	7	951	3315
Approach %	3.8	76.5	19.6	0	-	-	18.4	71.9	9.7	0	-	-	14	80.6	5.4	0	-	-	17.5	56.8	25.8	0	-	-	-
Totals %	1.5	30.8	7.9	0	-	40.2	3.3	12.7	1.7	0	-	17.7	1.9	10.8	0.7	0	-	13.4	5	16.3	7.4	0	-	-	28.7
PHF	0.8	0.89	0.86	0	0.91	0.91	0.84	0.92	0.79	0	0.94	0.94	0.74	0.83	0.67	0	0.87	0.87	0.92	0.87	0.85	0	0.89	0.89	0.98
Cars	42	917	218	0	-	1177	92	360	43	0	-	495	49	250	16	0	-	315	140	449	224	0	-	813	2800
% Cars	82.4	89.8	83.2	0	-	88.2	85.2	85.3	75.4	0	-	84.3	79	70	66.7	0	-	71.1	84.3	83.1	91.4	0	-	85.5	84.5
Trucks	9	97	42	0	-	148	15	53	13	0	-	81	12	106	8	0	-	126	26	89	21	0	-	136	491
% Trucks	17.6	9.5	16	0	-	11.1	13.9	12.6	22.8	0	-	13.8	19.4	29.7	33.3	0	-	28.4	15.7	16.5	8.6	0	-	14.3	14.8
Buses	0	6	2	0	-	8	0	7	1	0	-	8	1	1	0	0	-	2	0	2	0	0	-	2	20
% Buses	0	0.6	0.8	0	-	0.6	0	1.7	1.8	0	-	1.4	1.6	0.3	0	0	-	0.5	0	0.4	0	0	-	0.2	0.6
Bicycles	0	1	0	0	-	1	1	2	0	0	-	3	0	0	0	0	-	0	0	0	0	0	-	0	4
% Bicycles	0	0.1	0	0	-	0.1	0.9	0.5	0	0	-	0.5	0	0	0	0	-	0	0	0	0	0	-	0	0.1
Peds					3	-					7	-					4	-					7	-	21
% Peds					14.3	-					33.3	-					19	-					33.3	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00

Intersection: Jane St & Langstaff Rd
Site ID: 1936600039
Count Date: Nov 26, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	771	1407	2178
	69	138	207
	5	7	12
	0	0	0
Totals	845	1552	2397

Jane St

	0	0	0	0
	0	5	0	0
	20	45	4	0
	154	582	35	0
Totals	174	632	39	0

East Approach

	Out	In	Total
	475	559	1034
	93	90	183
	1	4	5
	0	0	0
Totals	569	653	1222

Langstaff Rd

				Totals
0	0	0	0	0
0	0	27	268	295
0	4	77	469	550
1	0	11	68	80

Peds: 2



Langstaff Rd

Totals				
0	0	0	0	0
51	42	9	0	0
454	379	74	1	0
64	54	10	0	0

West Approach

	Out	In	Total
	805	710	1515
	115	117	232
	4	1	5
	1	0	1
Totals	925	828	1753

Totals				
200	1206	64	0	
	177	1097	55	0
	23	102	9	0
	0	7	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	1329	704	2033
	134	66	200
	7	5	12
	0	1	1
Totals	1470	776	2246

- Cars

- Trucks

- Buses

- Bicycles

Comments



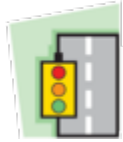
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Langstaff Rd
Count Date: Nov 26, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Langstaff Rd						West Approach Langstaff Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15	11	146	48	0	0	205	43	324	13	0	1	380	15	122	10	0	1	147	62	125	24	0	1	211	943
16:30	9	149	40	0	1	198	49	302	19	0	3	370	17	118	5	0	3	140	87	165	23	0	3	275	983
16:45	10	152	50	0	0	212	50	268	14	0	1	332	18	106	16	0	1	140	72	136	15	0	1	223	907
17:00	9	185	36	0	1	230	58	312	18	0	3	388	14	108	20	0	2	142	74	124	18	0	3	216	976
Grand Total	39	632	174	0	2	845	200	1206	64	0	8	1470	64	454	51	0	7	569	295	550	80	0	8	925	3809
Approach %	4.6	74.8	20.6	0	-	-	13.6	82	4.4	0	-	-	11.2	79.8	9	0	-	-	31.9	59.5	8.6	0	-	-	-
Totals %	1	16.6	4.6	0		22.2	5.3	31.7	1.7	0		38.6	1.7	11.9	1.3	0		14.9	7.7	14.4	2.1	0		24.3	
PHF	0.89	0.85	0.87	0		0.92	0.86	0.93	0.84	0		0.95	0.89	0.93	0.64	0		0.97	0.85	0.83	0.83	0		0.84	0.97
Cars	35	582	154	0		771	177	1097	55	0		1329	54	379	42	0		475	268	469	68	0		805	3380
% Cars	89.7	92.1	88.5	0		91.2	88.5	91	85.9	0		90.4	84.4	83.5	82.4	0		83.5	90.8	85.3	85	0		87	88.7
Trucks	4	45	20	0		69	23	102	9	0		134	10	74	9	0		93	27	77	11	0		115	411
% Trucks	10.3	7.1	11.5	0		8.2	11.5	8.5	14.1	0		9.1	15.6	16.3	17.6	0		16.3	9.2	14	13.8	0		12.4	10.8
Buses	0	5	0	0		5	0	7	0	0		7	0	1	0	0		1	0	4	0	0		4	17
% Buses	0	0.8	0	0		0.6	0	0.6	0	0		0.5	0	0.2	0	0		0.2	0	0.7	0	0		0.4	0.4
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	1	0		1	1
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	1.3	0		0.1	0
Peds					2	-					8	-					7	-					8	-	25
% Peds					8	-					32	-					28	-					32	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019
Site Code: 1936600118
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

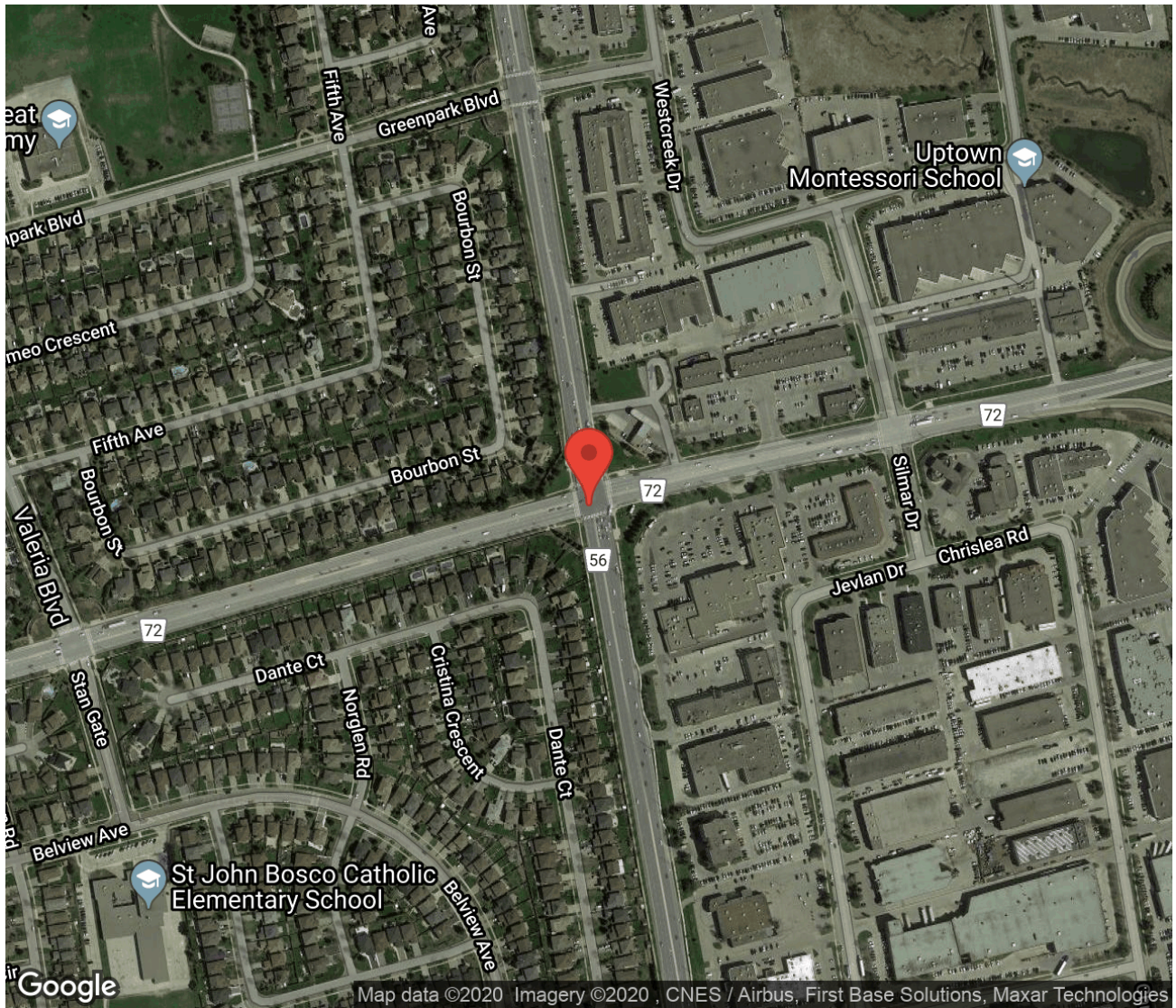


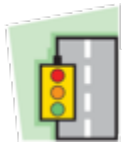
Traffic Count Map

Intersection: Weston Rd & Langstaff Rd

Municipality: Vaughan

Count Date: Nov 21, 2019



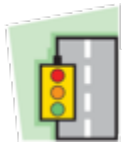


Traffic Count Summary

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

Weston Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	370	874	198	0	1442	3	49	264	117	0	430	0
08:00 - 09:00	375	1008	245	1	1629	8	47	331	171	0	549	4
09:00 - 10:00	301	805	229	0	1335	2	42	347	145	0	534	2
BREAK												
14:00 - 15:00	184	486	196	0	866	0	132	605	169	0	906	0
15:00 - 16:00	161	445	236	0	842	1	161	790	135	1	1087	13
16:00 - 17:00	171	411	215	1	798	10	219	839	122	0	1180	4
17:00 - 18:00	148	387	177	0	712	13	172	776	100	2	1050	2
18:00 - 19:00	190	424	204	2	820	8	167	771	146	0	1084	2
GRAND TOTAL	1900	4840	1700	4	8444	45	989	4723	1105	3	6820	27



Traffic Count Summary

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

Langstaff Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	90	290	97	1	478	3	159	1357	119	0	1635	1
08:00 - 09:00	119	405	122	0	646	8	245	1262	127	0	1634	4
09:00 - 10:00	121	344	154	0	619	4	229	1108	163	0	1500	2
BREAK												
14:00 - 15:00	147	725	230	1	1103	5	223	665	103	0	991	0
15:00 - 16:00	109	892	297	0	1298	5	201	646	98	0	945	0
16:00 - 17:00	108	1087	392	2	1589	15	191	700	76	0	967	6
17:00 - 18:00	99	1018	425	0	1542	5	163	596	67	0	826	4
18:00 - 19:00	110	899	400	0	1409	6	182	688	69	0	939	0
GRAND TOTAL	903	5660	2117	4	8684	51	1593	7022	822	0	9437	17



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	94	165	41	0	300	6	16	8	0	30	0	2	3	0	5	0	0	0	0	0	1
07:15	68	199	41	0	308	10	18	6	0	34	0	1	1	0	2	0	0	0	0	0	0
07:30	74	213	42	0	329	9	15	5	0	29	0	3	1	0	4	0	0	0	0	0	2
07:45	100	218	45	0	363	9	22	5	0	36	0	2	0	0	2	0	0	0	0	0	0
08:00	87	210	39	0	336	12	22	3	0	37	0	1	1	0	2	0	0	0	0	0	4
08:15	94	254	66	1	415	9	21	2	0	32	0	3	2	0	5	0	0	0	0	0	2
08:30	79	224	70	0	373	8	19	5	0	32	0	3	0	0	3	0	0	0	0	0	2
08:45	81	225	51	0	357	4	21	5	0	30	1	5	1	0	7	0	0	0	0	0	0
09:00	63	199	44	0	306	8	22	6	0	36	0	4	1	0	5	0	0	0	0	0	1
09:15	71	164	48	0	283	9	24	7	0	40	0	2	0	0	2	0	0	0	0	0	1
09:30	70	184	52	0	306	7	21	9	0	37	0	0	0	0	0	0	0	0	0	0	0
09:45	64	178	56	0	298	9	6	5	0	20	0	1	1	0	2	0	0	0	0	0	0
SUBTOTAL	945	2433	595	1	3974	100	227	66	0	393	1	27	11	0	39	0	0	0	0	0	13

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1725	4397	1540	4	7666	174	389	144	0	707	1	54	16	0	71	0	0	0	0	0	45





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	7	59	20	0	86	0	6	2	0	8	1	1	0	0	2	0	0	0	0	0	0
07:15	9	49	26	0	84	1	8	2	0	11	4	6	0	0	10	0	0	0	0	0	0
07:30	13	48	33	0	94	0	2	2	0	4	0	4	0	0	4	0	0	0	0	0	0
07:45	12	67	27	0	106	2	12	5	0	19	0	2	0	0	2	0	0	0	0	0	0
08:00	4	61	26	0	91	2	9	4	0	15	0	2	0	0	2	0	1	0	0	1	1
08:15	13	54	45	0	112	0	4	5	0	9	0	5	0	0	5	0	0	0	0	0	0
08:30	10	87	41	0	138	2	18	7	0	27	1	1	0	0	2	0	0	0	0	0	2
08:45	11	70	36	0	117	4	13	7	0	24	0	6	0	0	6	0	0	0	0	0	1
09:00	9	83	26	0	118	3	10	8	0	21	0	2	0	0	2	0	0	0	0	0	0
09:15	10	65	26	0	101	1	11	8	0	20	0	3	0	0	3	0	0	0	0	0	0
09:30	7	85	35	0	127	0	6	5	0	11	0	2	0	0	2	0	0	0	0	0	1
09:45	12	68	32	0	112	0	12	5	0	17	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	117	796	373	0	1286	15	111	60	0	186	6	34	0	0	40	0	1	0	0	1	6

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	889	4211	977	3	6080	91	449	127	0	667	9	62	1	0	72	0	1	0	0	1	27





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

East Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	17	64	22	0	103	2	5	7	0	14	0	1	0	0	1	0	0	0	0	0	0
07:15	19	37	14	0	70	1	12	8	0	21	0	1	0	0	1	0	0	0	0	0	1
07:30	28	60	27	0	115	4	16	2	0	22	0	3	0	0	3	0	0	0	0	0	1
07:45	14	76	16	1	107	5	15	1	0	21	0	0	0	0	0	0	0	0	0	0	1
08:00	19	68	26	0	113	7	24	4	0	35	0	2	0	0	2	0	0	0	0	0	1
08:15	19	68	22	0	109	11	36	5	0	52	0	0	0	0	0	0	0	0	0	0	1
08:30	27	76	30	0	133	5	23	4	0	32	1	1	0	0	2	0	0	0	0	0	3
08:45	28	78	28	0	134	2	28	3	0	33	0	1	0	0	1	0	0	0	0	0	3
09:00	23	63	31	0	117	9	14	6	0	29	0	0	0	0	0	0	0	0	0	0	1
09:15	24	72	23	0	119	6	15	3	0	24	0	1	0	0	1	0	0	0	0	0	2
09:30	24	65	34	0	123	9	17	8	0	34	0	1	0	0	1	0	0	0	0	0	0
09:45	21	80	39	0	140	5	15	10	0	30	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	263	807	312	1	1383	66	220	61	0	347	1	12	0	0	13	0	0	0	0	0	15



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

East Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	25	141	49	0	215	5	29	9	0	43	0	0	0	0	0	0	0	0	0	0	3
14:15	43	154	69	1	267	2	32	10	0	44	0	1	0	0	1	0	0	0	0	0	0
14:30	29	158	44	0	231	2	14	9	0	25	2	0	0	0	2	0	0	0	0	0	2
14:45	36	170	36	0	242	3	24	4	0	31	0	2	0	0	2	0	0	0	0	0	0
15:00	30	187	68	0	285	4	30	5	0	39	1	0	0	0	1	0	0	0	0	0	3
15:15	24	172	64	0	260	4	41	13	0	58	0	0	0	0	0	0	0	0	0	0	0
15:30	24	219	64	0	307	3	28	12	0	43	0	1	0	0	1	0	0	0	0	0	0
15:45	18	180	60	0	258	1	32	11	0	44	0	2	0	0	2	0	0	0	0	0	2
16:00	29	253	76	0	358	4	32	8	0	44	0	2	0	0	2	0	0	0	0	0	4
16:15	19	228	98	0	345	5	42	10	0	57	0	1	0	0	1	0	0	0	0	0	1
16:30	19	257	93	0	369	1	21	9	0	31	0	0	0	0	0	0	0	0	0	0	5
16:45	27	229	87	2	345	4	21	11	0	36	0	1	0	0	1	0	0	0	0	0	5
17:00	16	241	99	0	356	2	15	6	0	23	0	0	0	0	0	0	0	0	0	0	3
17:15	19	249	100	0	368	3	24	6	0	33	0	1	0	0	1	0	0	0	0	0	1
17:30	26	210	90	0	326	1	22	5	0	28	0	0	0	0	0	0	0	0	0	0	0
17:45	29	244	114	0	387	3	12	5	0	20	0	0	0	0	0	0	0	0	0	0	1
18:00	21	219	78	0	318	3	18	4	0	25	0	3	0	0	3	0	0	0	0	0	2
18:15	31	220	109	0	360	1	7	6	0	14	0	0	0	0	0	0	0	0	0	0	2
18:30	16	206	92	0	314	2	14	11	0	27	0	1	0	0	1	0	0	0	0	0	2
18:45	33	195	91	0	319	3	16	9	0	28	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	514	4132	1581	3	6230	56	474	163	0	693	3	15	0	0	18	0	0	0	0	0	36

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	777	4939	1893	4	7613	122	694	224	0	1040	4	27	0	0	31	0	0	0	0	0	51





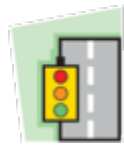
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

West Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	32	352	26	0	410	3	15	2	0	20	0	1	0	0	1	0	0	0	0	0	0
07:15	37	298	28	0	363	4	18	0	0	22	0	4	1	0	5	0	0	0	0	0	1
07:30	45	330	29	0	404	4	21	1	0	26	0	1	0	0	1	0	0	0	0	0	0
07:45	31	294	31	0	356	3	22	1	0	26	0	1	0	0	1	0	0	0	0	0	0
08:00	47	284	25	0	356	2	16	3	0	21	0	0	0	0	0	0	0	0	0	0	0
08:15	64	292	36	0	392	7	23	0	0	30	0	1	0	0	1	0	0	0	0	0	3
08:30	45	270	19	0	334	5	28	3	0	36	1	0	0	0	1	0	0	0	0	0	1
08:45	65	318	39	0	422	8	28	2	0	38	1	2	0	0	3	0	0	0	0	0	0
09:00	58	285	37	0	380	3	14	3	0	20	0	0	0	0	0	0	0	0	0	0	0
09:15	41	278	45	0	364	2	22	4	0	28	1	0	0	0	1	0	0	0	0	0	1
09:30	56	213	28	0	297	6	27	3	0	36	0	5	0	0	5	0	0	0	0	0	1
09:45	56	239	40	0	335	6	25	3	0	34	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	577	3453	383	0	4413	53	259	25	0	337	3	15	1	0	19	0	0	0	0	0	7



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 21, 2019

West Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	53	119	20	0	192	6	30	5	0	41	0	1	0	0	1	0	0	0	0	0	0
14:15	47	128	34	0	209	1	29	2	0	32	0	2	0	0	2	0	0	0	0	0	0
14:30	52	151	15	0	218	8	22	1	0	31	0	0	0	0	0	0	0	0	0	0	0
14:45	49	159	22	0	230	7	24	4	0	35	0	0	0	0	0	0	0	0	0	0	0
15:00	52	129	17	0	198	3	24	4	0	31	0	1	0	0	1	0	0	0	0	0	0
15:15	46	135	26	0	207	7	27	3	0	37	0	0	0	0	0	0	0	0	0	0	0
15:30	37	144	18	0	199	9	17	3	0	29	0	2	0	0	2	0	0	0	0	0	0
15:45	40	149	20	0	209	7	17	7	0	31	0	1	0	0	1	0	0	0	0	0	0
16:00	46	160	15	0	221	6	22	2	0	30	1	1	0	0	2	0	0	0	0	0	0
16:15	38	135	19	0	192	4	12	1	0	17	1	3	0	0	4	0	0	0	0	0	3
16:30	47	165	19	0	231	2	19	1	0	22	0	0	0	0	0	0	0	0	0	0	1
16:45	42	168	19	0	229	4	14	0	0	18	0	1	0	0	1	0	0	0	0	0	2
17:00	45	122	16	0	183	2	12	2	0	16	0	0	0	0	0	0	0	0	0	0	2
17:15	34	142	13	0	189	2	6	4	0	12	0	0	0	0	0	0	0	0	0	0	0
17:30	35	147	18	0	200	6	5	2	0	13	1	1	0	0	2	0	0	0	0	0	1
17:45	36	150	12	0	198	1	11	0	0	12	1	0	0	0	1	0	0	0	0	0	1
18:00	38	172	12	0	222	1	20	1	0	22	0	0	0	0	0	0	0	0	0	0	0
18:15	44	174	20	0	238	6	11	1	0	18	0	1	0	0	1	0	0	0	0	0	0
18:30	35	159	15	0	209	6	9	1	0	16	0	0	0	0	0	0	0	0	0	0	0
18:45	45	134	17	0	196	7	7	2	0	16	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	861	2942	367	0	4170	95	338	46	0	479	4	15	0	0	19	0	0	0	0	0	10

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1438	6395	750	0	8583	148	597	71	0	816	7	30	1	0	38	0	0	0	0	0	17





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 08:15:00
To: 09:15:00

Intersection: Weston Rd & Langstaff Rd
Site ID: 1936600118
Count Date: Nov 21, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Langstaff Rd runs E/W

North Approach

	Out	In	Total
	1451	638	2089
	130	86	216
	20	16	36
	0	0	0
Totals	1601	740	2341

Weston Rd

	0	0	0	0
	4	15	1	0
	18	83	29	0
	231	902	317	1
Totals	253	1000	347	1

East Approach

	Out	In	Total
	493	1630	2123
	146	149	295
	3	4	7
	0	0	0
Totals	642	1783	2425

Langstaff Rd

					Totals
	0	0	0	0	0
	0	2	23	232	257
	0	3	93	1165	1261
	0	0	8	131	139

Peds: 5



Peds: 4

Peds: 8

Langstaff Rd

Totals				
	0	0	0	0
	129	111	18	0
	388	285	101	2
	125	97	27	1

Peds: 3

West Approach

	Out	In	Total
	1528	559	2087
	124	128	252
	5	7	12
	0	0	0
Totals	1657	694	2351

Totals				
	53	353	175	0
	43	294	148	0
	9	45	27	0
	1	14	0	0
	0	0	0	0

Weston Rd

South Approach

	Out	In	Total
	485	1130	1615
	81	118	199
	15	16	31
	0	0	0
Totals	581	1264	1845

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Langstaff Rd
Count Date: Nov 21, 2019
Period: 07:00 - 10:00

Peak Hour Data (08:15 - 09:15)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach Langstaff Rd						West Approach Langstaff Rd						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
08:15	103	278	70	1	2	452	13	63	50	0	0	126	30	104	27	0	1	161	71	316	36	0	3	423	1162	
08:30	87	246	75	0	2	408	13	106	48	0	2	167	33	100	34	0	3	167	51	298	22	0	1	371	1113	
08:45	86	251	57	0	0	394	15	89	43	0	1	147	30	107	31	0	3	168	74	348	41	0	0	463	1172	
09:00	71	225	51	0	1	347	12	95	34	0	0	141	32	77	37	0	1	146	61	299	40	0	0	400	1034	
Grand Total	347	1000	253	1	5	1601	53	353	175	0	3	581	125	388	129	0	8	642	257	1261	139	0	4	1657	4481	
Approach %	21.7	62.5	15.8	0.1	-	-	9.1	60.8	30.1	0	-	-	19.5	60.4	20.1	0	-	-	15.5	76.1	8.4	0	-	-	-	
Totals %	7.7	22.3	5.6	0	-	35.7	1.2	7.9	3.9	0	-	13	2.8	8.7	2.9	0	-	14.3	5.7	28.1	3.1	0	-	37	-	
PHF	0.84	0.9	0.84	0.25	-	0.89	0.88	0.83	0.88	0	-	0.87	0.95	0.91	0.87	0	-	0.96	0.87	0.91	0.85	0	-	0.89	0.96	
Cars	317	902	231	1	-	1451	43	294	148	0	-	485	97	285	111	0	-	493	232	1165	131	0	-	1528	3957	
% Cars	91.4	90.2	91.3	100	-	90.6	81.1	83.3	84.6	0	-	83.5	77.6	73.5	86	0	-	76.8	90.3	92.4	94.2	0	-	92.2	88.3	
Trucks	29	83	18	0	-	130	9	45	27	0	-	81	27	101	18	0	-	146	23	93	8	0	-	124	481	
% Trucks	8.4	8.3	7.1	0	-	8.1	17	12.7	15.4	0	-	13.9	21.6	26	14	0	-	22.7	8.9	7.4	5.8	0	-	7.5	10.7	
Buses	1	15	4	0	-	20	1	14	0	0	-	15	1	2	0	0	-	3	2	3	0	0	-	5	43	
% Buses	0.3	1.5	1.6	0	-	1.2	1.9	4	0	0	-	2.6	0.8	0.5	0	0	-	0.5	0.8	0.2	0	0	-	0.3	1	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
Peds	-	-	-	-	5	-	-	-	-	-	3	-	-	-	-	-	8	-	-	-	-	-	4	-	20	
% Peds	-	-	-	-	25	-	-	-	-	-	15	-	-	-	-	-	40	-	-	-	-	-	20	-	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00

Intersection: Weston Rd & Langstaff Rd
Site ID: 1936600118
Count Date: Nov 21, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Langstaff Rd runs E/W

North Approach

	Out	In	Total
	743	1280	2023
	46	133	179
	9	10	19
	0	0	0
Totals	798	1423	2221

Weston Rd

	0	0	0	0
	2	7	0	0
	10	21	15	0
	203	383	156	1
Totals	215	411	171	1

East Approach

	Out	In	Total
	1417	893	2310
	168	97	265
	4	5	9
	0	0	0
Totals	1589	995	2584

Langstaff Rd

				Totals
0	0	0	0	0
0	2	16	173	191
0	5	67	628	700
0	0	4	72	76

Peds: 10



Langstaff Rd

Totals				
2	2	0	0	0
392	354	38	0	0
1087	967	116	4	0
108	94	14	0	0

West Approach

	Out	In	Total
	873	1372	2245
	87	143	230
	7	6	13
	0	0	0
Totals	967	1521	2488

Totals				
219	839	122	0	
	202	752	107	0
	17	79	15	0
	0	8	0	0
	0	0	0	0

Weston Rd

South Approach

	Out	In	Total
	1061	549	1610
	111	39	150
	8	7	15
	0	0	0
Totals	1180	595	1775

- Cars

- Trucks

- Buses

- Bicycles

Comments



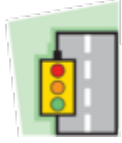
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Langstaff Rd
Count Date: Nov 21, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach Langstaff Rd						West Approach Langstaff Rd						Total Vehi- cles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	32	96	65	1	0	194	49	192	33	0	1	274	33	287	84	0	4	404	53	183	17	0	0	253	1125
16:15	46	106	51	0	1	203	59	218	29	0	3	306	24	271	108	0	1	403	43	150	20	0	3	213	1125
16:30	48	92	55	0	4	195	56	215	27	0	0	298	20	278	102	0	5	400	49	184	20	0	1	253	1146
16:45	45	117	44	0	5	206	55	214	33	0	0	302	31	251	98	2	5	382	46	183	19	0	2	248	1138
Grand Total	171	411	215	1	10	798	219	839	122	0	4	1180	108	1087	392	2	15	1589	191	700	76	0	6	967	4534
Approach %	21.4	51.5	26.9	0.1	-	-	18.6	71.1	10.3	0	-	-	6.8	68.4	24.7	0.1	-	-	19.8	72.4	7.9	0	-	-	-
Totals %	3.8	9.1	4.7	0	17.6	-	4.8	18.5	2.7	0	26	-	2.4	24	8.6	0	35	-	4.2	15.4	1.7	0	21.3	-	-
PHF	0.89	0.88	0.83	0.25	0.97	-	0.93	0.96	0.92	0	0.96	-	0.82	0.95	0.91	0.25	0.98	-	0.9	0.95	0.95	0	0.96	-	0.99
Cars	156	383	203	1	743	1061	202	752	107	0	1061	94	967	354	2	1417	173	628	72	0	873	4094			
% Cars	91.2	93.2	94.4	100	93.1	89.9	92.2	89.6	87.7	0	89.9	87	89	90.3	100	89.2	90.6	89.7	94.7	0	90.3	90.3			
Trucks	15	21	10	0	46	111	17	79	15	0	111	14	116	38	0	168	16	67	4	0	87	412			
% Trucks	8.8	5.1	4.7	0	5.8	9.4	7.8	9.4	12.3	0	9.4	13	10.7	9.7	0	10.6	8.4	9.6	5.3	0	9	9.1			
Buses	0	7	2	0	9	8	0	8	0	0	8	0	4	0	0	4	2	5	0	0	7	28			
% Buses	0	1.7	0.9	0	1.1	0.7	0	1	0	0	0.7	0	0.4	0	0	0.3	1	0.7	0	0	0.7	0.6			
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Peds					10	-					4	-					15	-					6	-	35
% Peds					28.6	-					11.4	-					42.9	-					17.1	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection:	Weston Rd & Langstaff Rd
Municipality:	Vaughan
Count Date:	Nov 23, 2019
Site Code:	1936600119
Count Categories:	Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period:	11:00-19:00
Weather:	Clear

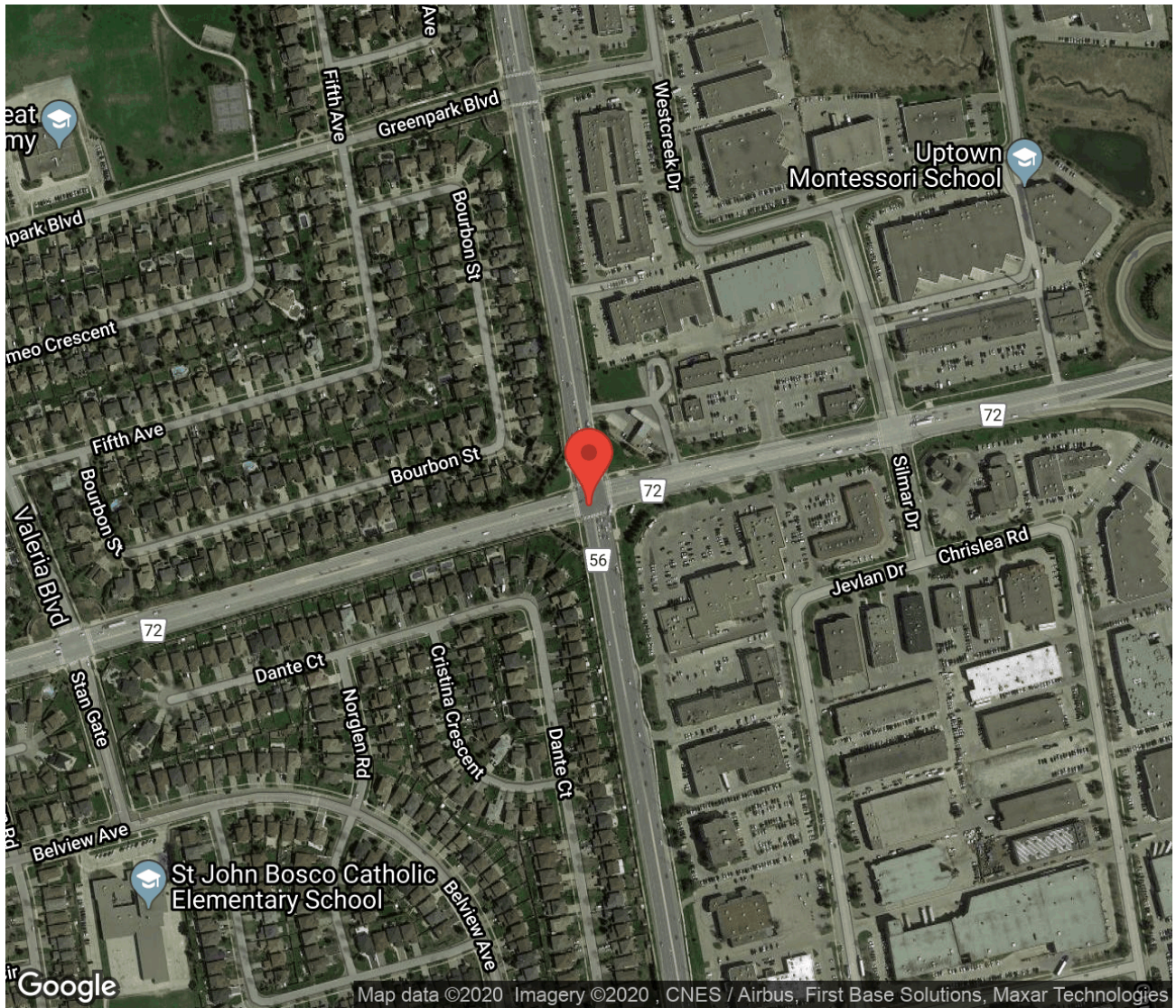


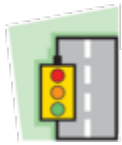
Traffic Count Map

Intersection: Weston Rd & Langstaff Rd

Municipality: Vaughan

Count Date: Nov 23, 2019





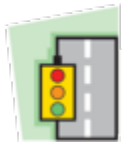
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

Weston Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	248	734	206	1	1189	1	149	827	211	1	1188	3
12:00 - 13:00	231	713	220	0	1164	1	161	939	214	1	1315	1
13:00 - 14:00	237	701	199	2	1139	3	153	805	202	0	1160	0
14:00 - 15:00	245	655	189	0	1089	2	147	733	185	0	1065	5
15:00 - 16:00	216	570	191	0	977	5	120	811	199	0	1130	1
16:00 - 17:00	191	483	173	1	848	5	165	814	158	0	1137	1
17:00 - 18:00	212	604	184	1	1001	3	151	814	146	0	1111	1
18:00 - 19:00	231	505	159	1	896	1	107	660	134	1	902	0
GRAND TOTAL	1811	4965	1521	6	8303	21	1153	6403	1449	3	9008	12



Traffic Count Summary

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

Langstaff Rd - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	175	599	268	2	1044	8	257	745	134	0	1136	2
12:00 - 13:00	202	729	271	2	1204	6	255	667	125	0	1047	2
13:00 - 14:00	200	676	261	2	1139	3	245	656	116	0	1017	0
14:00 - 15:00	190	701	255	2	1148	6	254	674	109	0	1037	2
15:00 - 16:00	181	784	257	0	1222	9	242	587	98	1	928	1
16:00 - 17:00	164	730	282	1	1177	4	230	622	89	0	941	2
17:00 - 18:00	149	666	256	1	1072	0	242	566	110	0	918	5
18:00 - 19:00	135	577	191	0	903	2	177	574	76	0	827	0
GRAND TOTAL	1396	5462	2041	10	8909	38	1902	5091	857	1	7851	14



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	56	162	36	0	254	5	10	6	0	21	0	2	0	0	2	0	0	0	0	0	0
11:15	62	177	48	0	287	1	12	3	0	16	0	0	0	0	0	0	0	0	0	0	0
11:30	61	165	60	0	286	6	11	2	0	19	0	0	0	0	0	0	0	0	0	0	1
11:45	52	175	47	1	275	5	18	3	0	26	0	1	1	0	2	0	1	0	0	1	0
12:00	48	165	49	0	262	4	13	11	0	28	0	0	0	0	0	0	0	0	0	0	0
12:15	52	179	57	0	288	2	12	7	0	21	0	0	0	0	0	0	0	0	0	0	1
12:30	53	146	38	0	237	6	9	4	0	19	0	1	0	0	1	0	0	0	0	0	0
12:45	61	176	49	0	286	5	12	5	0	22	0	0	0	0	0	0	0	0	0	0	0
13:00	50	177	56	0	283	5	8	6	0	19	0	0	0	0	0	0	0	0	0	0	0
13:15	51	164	40	0	255	6	11	5	0	22	0	1	0	0	1	0	0	0	0	0	2
13:30	63	165	41	0	269	6	11	3	0	20	0	0	0	0	0	0	0	0	0	0	0
13:45	50	152	46	2	250	6	10	2	0	18	0	1	0	0	1	0	1	0	0	1	1
14:00	55	165	39	0	259	6	9	6	0	21	0	0	0	0	0	0	0	0	0	0	0
14:15	51	166	46	0	263	12	12	6	0	30	0	0	0	0	0	0	0	0	0	0	0
14:30	58	135	36	0	229	7	10	4	0	21	0	1	0	0	1	0	0	0	0	0	2
14:45	50	150	46	0	246	6	7	6	0	19	0	0	0	0	0	0	0	0	0	0	0
15:00	55	122	55	0	232	5	7	4	0	16	0	0	0	0	0	0	0	0	0	0	2
15:15	46	155	31	0	232	3	5	0	0	8	0	1	0	0	1	0	0	0	0	0	3
15:30	50	127	50	0	227	4	8	2	0	14	0	0	0	0	0	0	0	0	0	0	0
15:45	51	138	47	0	236	2	7	2	0	11	0	0	0	0	0	0	0	0	0	0	0
16:00	49	114	30	0	193	2	7	0	0	9	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	40	125	42	1	208	5	7	2	0	14	0	0	0	0	0	0	0	0	0	0	3
16:30	41	105	47	0	193	3	6	7	0	16	0	1	0	0	1	0	0	0	0	0	2
16:45	50	106	42	0	198	1	11	3	0	15	0	0	0	0	0	0	0	0	0	0	0
17:00	44	116	43	0	203	6	11	3	0	20	0	0	0	0	0	0	0	0	0	0	0
17:15	39	124	37	0	200	3	3	7	0	13	0	1	0	0	1	0	0	0	0	0	0
17:30	54	151	50	0	255	4	11	3	0	18	0	0	0	0	0	0	0	0	0	0	1
17:45	56	170	40	1	267	5	16	1	0	22	1	1	0	0	2	0	0	0	0	0	2
18:00	67	128	43	0	238	6	12	3	0	21	0	0	0	0	0	0	0	0	0	0	0
18:15	49	135	43	0	227	3	8	1	0	12	0	0	0	0	0	0	0	0	0	0	0
18:30	46	105	35	0	186	2	3	3	0	8	0	1	0	0	1	0	0	0	0	0	1
18:45	56	105	28	1	190	2	8	3	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1666	4645	1397	6	7714	144	305	123	0	572	1	13	1	0	15	0	2	0	0	2	21
GRAND TOTAL	1666	4645	1397	6	7714	144	305	123	0	572	1	13	1	0	15	0	2	0	0	2	21



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	26	175	44	0	245	3	14	5	0	22	0	0	0	0	0	0	0	0	0	0	0
11:15	45	203	54	1	303	2	11	6	0	19	0	2	0	0	2	0	0	0	0	0	1
11:30	34	165	47	0	246	5	12	4	0	21	0	0	0	0	0	0	0	0	0	0	0
11:45	33	236	49	0	318	1	9	2	0	12	0	0	0	0	0	0	0	0	0	0	2
12:00	39	219	49	1	308	2	12	6	0	20	0	1	0	0	1	0	0	0	0	0	1
12:15	33	227	51	0	311	5	22	4	0	31	0	0	0	0	0	0	0	0	0	0	0
12:30	30	212	46	0	288	5	24	1	0	30	0	0	0	0	0	0	0	0	0	0	0
12:45	46	204	54	0	304	1	18	3	0	22	0	0	0	0	0	0	0	0	0	0	0
13:00	35	181	46	0	262	2	15	3	0	20	0	0	0	0	0	0	0	0	0	0	0
13:15	35	203	50	0	288	3	12	5	0	20	0	1	0	0	1	0	0	0	0	0	0
13:30	36	182	42	0	260	3	13	1	0	17	0	0	0	0	0	0	0	0	0	0	0
13:45	38	187	53	0	278	1	11	2	0	14	0	0	0	0	0	0	0	0	0	0	0
14:00	37	190	46	0	273	5	6	0	0	11	0	1	0	0	1	0	0	0	0	0	1
14:15	23	178	53	0	254	2	15	1	0	18	0	0	0	0	0	0	0	0	0	0	1
14:30	35	186	42	0	263	6	15	6	0	27	0	0	0	0	0	0	0	0	0	0	3
14:45	38	130	35	0	203	1	11	2	0	14	0	1	0	0	1	0	0	0	0	0	0
15:00	28	169	61	0	258	1	12	2	0	15	0	0	0	0	0	0	0	0	0	0	1
15:15	26	197	39	0	262	6	16	1	0	23	0	0	0	0	0	0	0	0	0	0	0
15:30	27	184	40	0	251	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
15:45	32	211	51	0	294	0	14	4	0	18	0	0	0	0	0	0	0	0	0	0	0
16:00	24	175	30	0	229	5	14	1	0	20	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	35	174	41	0	250	6	11	3	0	20	0	0	0	0	0	0	0	0	0	0	1
16:30	48	195	36	0	279	1	9	2	0	12	0	0	0	0	0	0	0	0	0	0	0
16:45	44	230	44	0	318	2	4	1	0	7	0	1	0	0	1	0	0	0	0	0	0
17:00	35	197	38	0	270	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	1
17:15	40	196	33	0	269	1	6	1	0	8	0	1	0	0	1	0	0	0	0	0	0
17:30	26	174	36	0	236	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
17:45	45	214	37	0	296	3	10	0	0	13	0	1	0	0	1	0	0	0	0	0	0
18:00	34	162	33	0	229	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0
18:15	26	165	35	0	226	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
18:30	29	170	30	1	230	1	10	1	0	12	0	1	0	0	1	0	0	0	0	0	0
18:45	16	136	34	0	186	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1078	6027	1379	3	8487	75	364	70	0	509	0	12	0	0	12	0	0	0	0	0	12
GRAND TOTAL	1078	6027	1379	3	8487	75	364	70	0	509	0	12	0	0	12	0	0	0	0	0	12



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

East Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	32	130	61	0	223	3	9	5	0	17	0	1	0	0	1	0	0	0	0	0	0
11:15	41	103	46	0	190	2	7	8	0	17	0	0	0	0	0	0	0	0	0	0	2
11:30	48	160	74	2	284	3	20	8	0	31	0	0	0	0	0	0	0	0	0	0	0
11:45	44	159	62	0	265	2	10	4	0	16	0	0	0	0	0	0	0	0	0	0	6
12:00	50	160	57	0	267	3	18	8	0	29	0	1	0	0	1	0	0	0	0	0	2
12:15	62	146	75	2	285	4	11	3	0	18	0	0	0	0	0	0	0	0	0	0	2
12:30	41	189	54	0	284	3	20	4	0	27	0	0	0	0	0	0	0	0	0	0	0
12:45	38	172	64	0	274	1	12	6	0	19	0	0	0	0	0	0	0	0	0	0	2
13:00	43	170	55	1	269	1	12	7	0	20	0	1	0	0	1	0	0	0	0	0	1
13:15	40	163	73	0	276	3	12	9	0	24	0	0	0	0	0	0	0	0	0	0	2
13:30	57	157	59	1	274	4	8	4	0	16	0	0	0	0	0	0	0	0	0	0	0
13:45	50	139	43	0	232	2	14	11	0	27	0	0	0	0	0	0	0	0	0	0	0
14:00	44	184	53	1	282	4	10	8	0	22	0	1	0	0	1	0	0	0	0	0	1
14:15	38	162	57	0	257	4	22	11	0	37	0	0	0	0	0	0	0	0	0	0	1
14:30	43	149	53	0	245	2	12	8	0	22	0	0	0	0	0	0	0	0	0	0	2
14:45	48	153	58	1	260	7	8	7	0	22	0	0	0	0	0	0	0	0	0	0	2
15:00	51	203	51	0	305	3	13	5	0	21	0	1	0	0	1	0	0	0	0	0	4
15:15	47	186	61	0	294	5	5	10	0	20	0	0	0	0	0	0	0	0	0	0	3
15:30	38	188	46	0	272	1	5	3	0	9	0	0	0	0	0	0	0	0	0	0	2
15:45	34	166	78	0	278	2	17	3	0	22	0	0	0	0	0	0	0	0	0	0	0
16:00	34	160	77	0	271	2	14	2	0	18	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

East Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	37	167	55	0	259	4	8	2	0	14	0	0	0	0	0	0	0	0	0	0	2
16:30	46	199	71	0	316	4	14	8	0	26	0	0	0	0	0	0	0	0	0	0	0
16:45	35	161	65	1	262	2	5	2	0	9	0	1	0	0	1	0	0	0	0	0	2
17:00	31	201	63	0	295	1	11	3	0	15	0	0	0	0	0	0	0	0	0	0	0
17:15	34	154	67	0	255	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	47	145	67	1	260	2	8	0	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	31	132	55	0	218	2	10	1	0	13	0	1	0	0	1	0	0	0	0	0	0
18:00	32	160	54	0	246	2	6	1	0	9	0	0	0	0	0	0	0	0	0	0	0
18:15	37	144	42	0	223	3	9	0	0	12	0	0	0	0	0	0	0	0	0	0	0
18:30	31	142	48	0	221	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	1
18:45	26	106	44	0	176	4	7	1	0	12	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	1310	5110	1888	10	8318	86	343	153	0	582	0	9	0	0	9	0	0	0	0	0	38
GRAND TOTAL	1310	5110	1888	10	8318	86	343	153	0	582	0	9	0	0	9	0	0	0	0	0	38



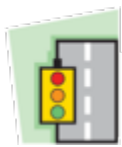
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Langstaff Rd
Municipality: Vaughan
Count Date: Nov 23, 2019

West Approach - Langstaff Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	58	140	23	0	221	3	6	0	0	9	0	1	0	0	1	0	0	0	0	0	0
16:30	51	132	20	0	203	5	9	1	0	15	0	1	0	0	1	0	0	0	0	0	0
16:45	60	172	17	0	249	1	5	1	0	7	0	0	0	0	0	0	0	0	0	0	0
17:00	47	133	27	0	207	5	7	1	0	13	0	0	0	0	0	0	0	0	0	0	1
17:15	62	120	23	0	205	3	4	0	0	7	0	0	0	0	0	0	0	0	0	0	4
17:30	50	143	26	0	219	5	10	1	0	16	0	1	0	0	1	0	0	0	0	0	0
17:45	59	142	32	0	233	11	6	0	0	17	0	0	0	0	0	0	0	0	0	0	0
18:00	52	151	16	0	219	5	2	0	0	7	0	0	0	0	0	0	0	0	0	0	0
18:15	39	164	22	0	225	1	4	1	0	6	0	0	0	0	0	0	0	0	0	0	0
18:30	34	136	16	0	186	3	6	0	0	9	0	1	0	0	1	0	0	0	0	0	0
18:45	40	105	21	0	166	3	5	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1752	4764	805	1	7322	150	319	52	0	521	0	8	0	0	8	0	0	0	0	0	14
GRAND TOTAL	1752	4764	805	1	7322	150	319	52	0	521	0	8	0	0	8	0	0	0	0	0	14



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 11:30:00
To: 12:30:00

Intersection: Weston Rd & Langstaff Rd
Site ID: 1936600119
Count Date: Nov 23, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	1111	1350	2461
	94	99	193
	2	1	3
	1	0	1
Totals	1208	1450	2658

Weston Rd

	0	1	0	0
	1	1	0	0
	23	54	17	0
	213	684	213	1
Totals	237	740	230	1

East Approach

	Out	In	Total
	1101	1069	2170
	94	89	183
	1	1	2
	0	0	0
Totals	1196	1159	2355

Langstaff Rd

					Totals
	0	0	0	0	0
	0	0	21	234	255
	0	1	56	656	713
	0	0	13	115	128

Peds: 2



Peds: 3

Peds: 10

Peds: 3

Langstaff Rd

Totals				
	4	4	0	0
	291	268	23	0
	685	625	59	1
	216	204	12	0

West Approach

	Out	In	Total
	1005	977	1982
	90	95	185
	1	2	3
	0	0	0
Totals	1096	1074	2170

Totals				
	139	847	196	1
	13	55	16	0
	0	1	0	0
	0	0	0	0

Weston Rd

South Approach

	Out	In	Total
	1183	1004	2187
	84	79	163
	1	1	2
	0	1	1
Totals	1268	1085	2353

- Cars

- Trucks

- Buses

- Bicycles

Comments



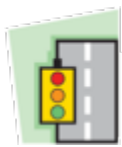
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Langstaff Rd
Count Date: Nov 23, 2019
Period: 11:00 - 14:00

Peak Hour Data (11:30 - 12:30)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach Langstaff Rd						West Approach Langstaff Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:30	67	176	62	0	1	305	39	177	51	0	0	267	51	180	82	2	0	315	53	193	33	0	0	279	1166
11:45	57	195	51	1	0	304	34	245	51	0	2	330	46	169	66	0	6	281	73	187	34	0	1	294	1209
12:00	52	178	60	0	0	290	41	232	55	1	1	329	53	179	65	0	2	297	60	182	35	0	1	277	1193
12:15	54	191	64	0	1	309	38	249	55	0	0	342	66	157	78	2	2	303	69	151	26	0	1	246	1200
Grand Total	230	740	237	1	2	1208	152	903	212	1	3	1268	216	685	291	4	10	1196	255	713	128	0	3	1096	4768
Approach %	19	61.3	19.6	0.1	-	-	12	71.2	16.7	0.1	-	-	18.1	57.3	24.3	0.3	-	-	23.3	65.1	11.7	0	-	-	-
Totals %	4.8	15.5	5	0	25.3	-	3.2	18.9	4.4	0	26.6	-	4.5	14.4	6.1	0.1	25.1	-	5.3	15	2.7	0	-	23	-
PHF	0.86	0.95	0.93	0.25	0.98	0.93	0.93	0.91	0.96	0.25	0.93	0.82	0.95	0.89	0.5	0.95	0.87	0.92	0.91	0	0	0	0.93	0.99	0.99
Cars	213	684	213	1	1111	139	847	196	1	1183	204	625	268	4	1101	234	656	115	0	1005	4400				
% Cars	92.6	92.4	89.9	100	92	91.4	93.8	92.5	100	93.3	94.4	91.2	92.1	100	92.1	91.8	92	89.8	0	91.7	92.3				
Trucks	17	54	23	0	94	13	55	16	0	84	12	59	23	0	94	21	56	13	0	90	362				
% Trucks	7.4	7.3	9.7	0	7.8	8.6	6.1	7.5	0	6.6	5.6	8.6	7.9	0	7.9	8.2	7.9	10.2	0	8.2	7.6				
Buses	0	1	1	0	2	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	5				
% Buses	0	0.1	0.4	0	0.2	0	0.1	0	0	0.1	0	0.1	0	0	0.1	0	0.1	0	0	0.1	0.1				
Bicycles	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
% Bicycles	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Peds					2	-				3	-				10	-				3	-			18	
% Peds					11.1	-				16.7	-				55.6	-				16.7	-				



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:00:00
To: 15:00:00

Intersection: Weston Rd & Langstaff Rd
Site ID: 1936600119
Count Date: Nov 23, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	997	1135	2132
	91	105	196
	1	2	3
	0	0	0
Totals	1089	1242	2331

Weston Rd

	0	0	0	0
	0	1	0	0
	22	38	31	0
	167	616	214	0
Totals	189	655	245	0

East Approach

	Out	In	Total
	1044	1012	2056
	103	93	196
	1	1	2
	0	0	0
Totals	1148	1106	2254

Langstaff Rd

					Totals
	0	0	0	0	0
	0	0	24	230	254
	0	1	53	620	674
	0	0	7	102	109

Peds: 2



Langstaff Rd

Totals				
2	2	0	0	0
255	221	34	0	0
701	648	52	1	0
190	173	17	0	0

West Approach

	Out	In	Total
	952	948	1900
	84	88	172
	1	1	2
	0	0	0
Totals	1037	1037	2074

Totals				
147	733	185	0	
	133	684	176	0
	14	47	9	0
	0	2	0	0
	0	0	0	0

Weston Rd

South Approach

	Out	In	Total
	993	891	1884
	70	62	132
	2	1	3
	0	0	0
Totals	1065	954	2019

- Cars

- Trucks

- Buses

- Bicycles

Comments



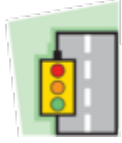
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Langstaff Rd
Count Date: Nov 23, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:00 - 15:00)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach Langstaff Rd						West Approach Langstaff Rd						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
14:00	61	174	45	0	0	280	42	197	46	0	1	285	48	195	61	1	1	305	63	162	26	0	0	251	1121	
14:15	63	178	52	0	0	293	25	193	54	0	1	272	42	184	68	0	1	294	63	176	24	0	1	263	1122	
14:30	65	146	40	0	2	251	41	201	48	0	3	290	45	161	61	0	2	267	60	189	27	0	1	276	1084	
14:45	56	157	52	0	0	265	39	142	37	0	0	218	55	161	65	1	2	282	68	147	32	0	0	247	1012	
Grand Total	245	655	189	0	2	1089	147	733	185	0	5	1065	190	701	255	2	6	1148	254	674	109	0	2	1037	4339	
Approach %	22.5	60.1	17.4	0	-	-	13.8	68.8	17.4	0	-	-	16.6	61.1	22.2	0.2	-	-	24.5	65	10.5	0	-	-	-	
Totals %	5.6	15.1	4.4	0	-	25.1	3.4	16.9	4.3	0	-	24.5	4.4	16.2	5.9	0	-	26.5	5.9	15.5	2.5	0	-	-	23.9	
PHF	0.94	0.92	0.91	0	-	0.93	0.88	0.91	0.86	0	-	0.92	0.86	0.9	0.94	0.5	-	0.94	0.93	0.89	0.85	0	-	-	0.94	0.97
Cars	214	616	167	0	-	997	133	684	176	0	-	993	173	648	221	2	-	1044	230	620	102	0	-	952	3986	
% Cars	87.3	94	88.4	0	-	91.6	90.5	93.3	95.1	0	-	93.2	91.1	92.4	86.7	100	-	90.9	90.6	92	93.6	0	-	91.8	91.9	
Trucks	31	38	22	0	-	91	14	47	9	0	-	70	17	52	34	0	-	103	24	53	7	0	-	84	348	
% Trucks	12.7	5.8	11.6	0	-	8.4	9.5	6.4	4.9	0	-	6.6	8.9	7.4	13.3	0	-	9	9.4	7.9	6.4	0	-	8.1	8	
Buses	0	1	0	0	-	1	0	2	0	0	-	2	0	1	0	0	-	1	0	1	0	0	-	1	5	
% Buses	0	0.2	0	0	-	0.1	0	0.3	0	0	-	0.2	0	0.1	0	0	-	0.1	0	0.1	0	0	-	0.1	0.1	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	2	-	-	-	-	-	5	-	-	-	-	-	6	-	-	-	-	-	2	-	15	
% Peds	-	-	-	-	13.3	-	-	-	-	-	33.3	-	-	-	-	-	40	-	-	-	-	-	13.3	-	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019
Site Code: 1936600120
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

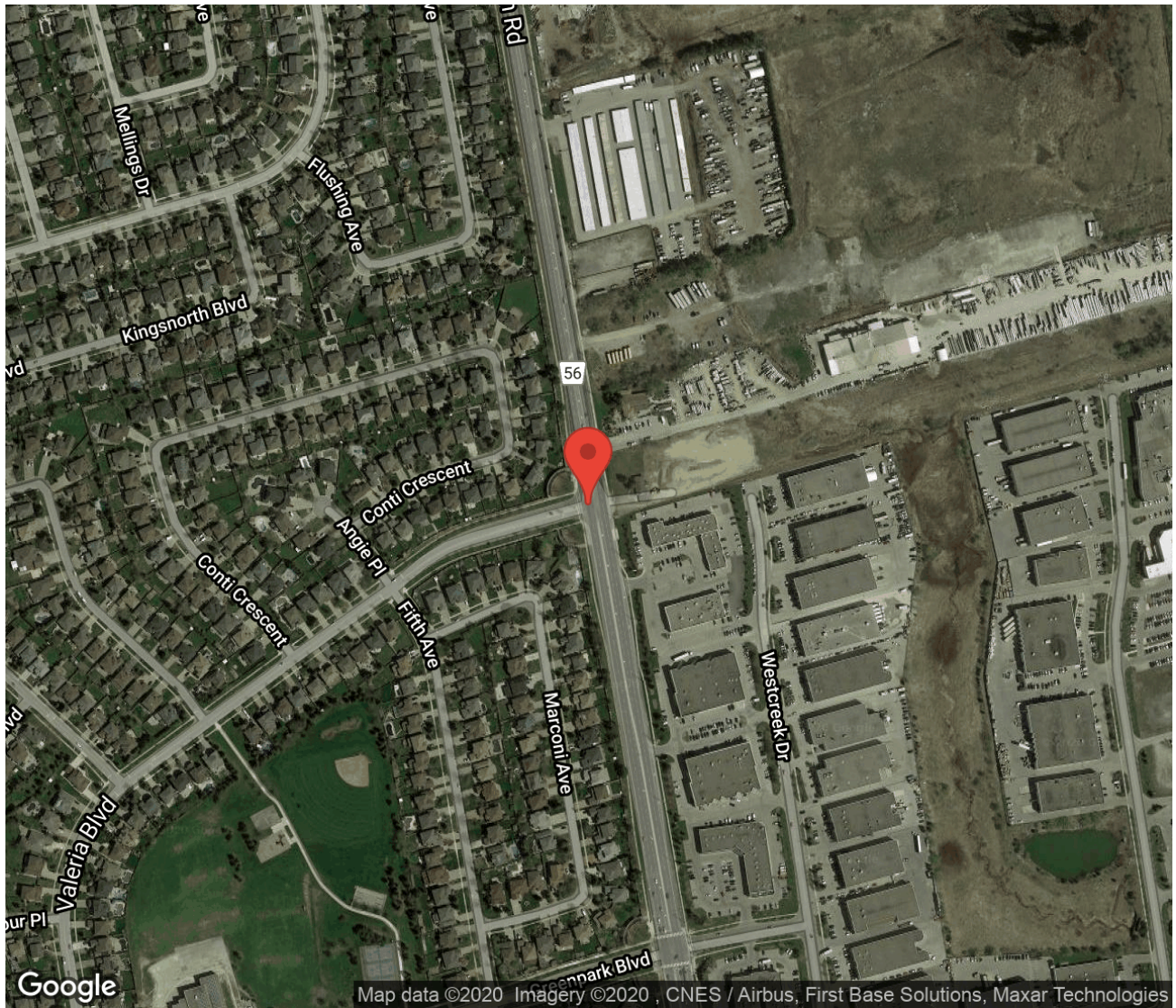


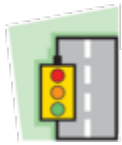
Traffic Count Map

Intersection: Weston Rd & Valeria Blvd

Municipality: Vaughan

Count Date: Nov 14, 2019





Traffic Count Summary

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

Weston Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1592	14	0	1606	0	14	558	0	0	572	0
08:00 - 09:00	0	1840	16	0	1856	0	17	724	0	2	743	0
09:00 - 10:00	0	1444	21	0	1465	0	18	688	0	0	706	0
BREAK												
14:00 - 15:00	0	858	29	0	887	0	36	1314	0	5	1355	0
15:00 - 16:00	0	849	41	0	890	0	52	1674	0	1	1727	0
16:00 - 17:00	0	830	39	0	869	3	57	1939	0	2	1998	0
17:00 - 18:00	0	779	45	0	824	1	125	1947	0	2	2074	0
18:00 - 19:00	0	777	35	0	812	0	52	1517	0	2	1571	0
GRAND TOTAL	0	8969	240	0	9209	4	371	1036	1	0	1074	6



Traffic Count Summary

Intersection: Weston Rd & Valeria Blvd
 Municipality: Vaughan
 Count Date: Nov 14, 2019

Valeria Blvd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	0	0	0	3	21	0	79	0	100	2
08:00 - 09:00	0	0	0	0	0	0	22	0	79	0	101	1
09:00 - 10:00	0	0	0	0	0	1	27	0	60	1	88	2
BREAK												
14:00 - 15:00	0	0	0	0	0	0	23	0	26	0	49	1
15:00 - 16:00	0	0	0	0	0	2	19	0	21	0	40	1
16:00 - 17:00	0	0	0	0	0	5	31	0	22	0	53	0
17:00 - 18:00	0	0	0	0	0	1	18	0	37	2	57	1
18:00 - 19:00	0	0	0	0	0	0	18	0	33	0	51	0
GRAND TOTAL	0	0	0	0	0	12	179	0	357	3	539	8



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	314	2	0	316	0	32	0	0	32	0	3	0	0	3	0	0	0	0	0	0
07:15	0	368	2	0	370	0	28	1	0	29	0	4	1	0	5	0	0	0	0	0	0
07:30	0	408	4	0	412	0	32	0	0	32	0	3	0	0	3	0	0	0	0	0	0
07:45	0	370	3	0	373	0	29	0	0	29	0	1	1	0	2	0	0	0	0	0	0
08:00	0	420	5	0	425	0	52	0	0	52	0	3	0	0	3	0	0	0	0	0	0
08:15	0	421	4	0	425	0	34	0	0	34	0	4	0	0	4	0	0	0	0	0	0
08:30	0	419	2	0	421	0	32	0	0	32	0	8	0	0	8	0	0	0	0	0	0
08:45	0	399	5	0	404	0	40	0	0	40	0	8	0	0	8	0	0	0	0	0	0
09:00	0	345	6	0	351	0	34	0	0	34	0	3	0	0	3	0	0	0	0	0	0
09:15	0	354	8	0	362	0	42	0	0	42	0	4	0	0	4	0	0	0	0	0	0
09:30	0	312	3	0	315	0	49	0	0	49	0	3	0	0	3	0	0	0	0	0	0
09:45	0	276	4	0	280	0	22	0	0	22	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	4406	48	0	4454	0	426	1	0	427	0	44	2	0	46	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	167	3	0	170	0	17	1	0	18	0	2	0	0	2	0	0	0	0	0	0
14:15	0	194	7	0	201	0	25	1	0	26	0	3	1	0	4	0	0	0	0	0	0
14:30	0	180	8	0	188	0	20	1	0	21	0	3	0	0	3	0	0	0	0	0	0
14:45	0	229	6	0	235	0	16	1	0	17	0	2	0	0	2	0	0	0	0	0	0
15:00	0	182	7	0	189	0	21	1	0	22	0	0	0	0	0	0	1	0	0	1	0
15:15	0	202	10	0	212	0	15	0	0	15	0	2	0	0	2	0	0	0	0	0	0
15:30	0	197	12	0	209	0	19	0	0	19	0	1	1	0	2	0	0	0	0	0	0
15:45	0	191	9	0	200	0	16	1	0	17	0	2	0	0	2	0	0	0	0	0	0
16:00	0	175	6	0	181	0	15	0	0	15	0	6	0	0	6	0	0	0	0	0	1
16:15	0	173	9	0	182	0	20	2	0	22	0	3	0	0	3	0	0	0	0	0	1
16:30	0	199	14	0	213	0	10	0	0	10	0	2	0	0	2	0	0	0	0	0	1
16:45	0	218	7	0	225	0	8	1	0	9	0	1	0	0	1	0	0	0	0	0	0
17:00	0	235	9	0	244	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	1
17:15	0	152	17	0	169	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	0
17:30	0	159	7	0	166	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
17:45	0	183	11	0	194	0	10	1	0	11	0	1	0	0	1	0	0	0	0	0	0
18:00	0	184	6	0	190	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:15	0	193	9	0	202	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
18:30	0	188	7	0	195	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
18:45	0	174	11	0	185	0	9	1	0	10	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	3775	175	0	3950	0	284	12	0	296	0	33	2	0	35	0	1	0	0	1	4

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↶		↷	↶	↑	↷		↶	↷	↶	↑			↷	↶			
GRAND TOTAL	0	8181	223	0	8404	0	710	13	0	723	0	77	4	0	81	0	1	0	0	1	4





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	2	91	0	0	93	0	26	0	0	26	0	5	0	0	5	0	0	0	0	0	0
07:15	1	124	0	0	125	0	15	0	0	15	0	3	0	0	3	0	0	0	0	0	0
07:30	5	117	0	0	122	0	21	0	0	21	0	5	0	0	5	0	0	0	0	0	0
07:45	5	128	0	0	133	0	21	0	0	21	1	2	0	0	3	0	0	0	0	0	0
08:00	3	150	0	1	154	1	18	0	0	19	0	2	0	0	2	0	0	0	0	0	0
08:15	6	151	0	0	157	1	16	0	0	17	0	6	0	0	6	0	0	0	0	0	0
08:30	2	171	0	0	173	1	14	0	0	15	0	0	0	0	0	0	0	0	0	0	0
08:45	3	170	0	1	174	0	21	0	0	21	0	5	0	0	5	0	0	0	0	0	0
09:00	4	146	0	0	150	0	18	0	0	18	0	7	0	0	7	0	0	0	0	0	0
09:15	2	146	0	0	148	2	18	0	0	20	0	5	0	0	5	0	0	0	0	0	0
09:30	5	134	0	0	139	1	17	0	0	18	0	2	0	0	2	0	0	0	0	0	0
09:45	4	163	0	0	167	0	29	0	0	29	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	42	1691	0	2	1735	6	234	0	0	240	1	45	0	0	46	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	7	276	0	3	286	1	28	0	0	29	0	1	0	0	1	0	0	0	0	0	0
14:15	8	303	0	0	311	2	38	0	0	40	0	5	0	0	5	0	0	0	0	0	0
14:30	9	289	0	0	298	1	27	0	1	29	0	0	0	0	0	0	0	0	0	0	0
14:45	6	319	0	1	326	2	27	0	0	29	0	1	0	0	1	0	0	0	0	0	0
15:00	11	365	0	1	377	2	26	0	0	28	0	1	0	0	1	0	0	0	0	0	0
15:15	9	358	0	0	367	1	38	0	0	39	0	2	0	0	2	0	0	0	0	0	0
15:30	12	379	0	0	391	3	45	0	0	48	0	3	0	0	3	0	0	0	0	0	0
15:45	13	412	0	0	425	1	42	0	0	43	0	3	0	0	3	0	0	0	0	0	0
16:00	11	436	0	0	447	0	39	0	0	39	0	6	0	0	6	0	0	0	0	0	0
16:15	13	424	0	1	438	2	50	0	0	52	0	5	0	0	5	0	1	0	0	1	0
16:30	11	446	0	0	457	2	40	0	0	42	0	3	0	0	3	0	0	0	0	0	0
16:45	17	447	0	1	465	1	40	0	0	41	0	2	0	0	2	0	0	0	0	0	0
17:00	10	499	0	0	509	2	39	0	0	41	0	4	0	0	4	0	0	0	0	0	0
17:15	22	449	0	0	471	3	47	0	0	50	0	1	0	0	1	0	0	0	0	0	0
17:30	40	423	0	0	463	4	36	0	0	40	0	1	0	0	1	0	0	0	0	0	0
17:45	36	414	0	2	452	8	33	0	0	41	0	1	0	0	1	0	0	0	0	0	0
18:00	19	420	0	1	440	1	26	0	0	27	0	1	0	0	1	0	0	0	0	0	0
18:15	11	333	0	0	344	1	24	0	0	25	0	1	0	0	1	0	0	0	0	0	0
18:30	9	357	0	0	366	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
18:45	10	312	0	1	323	1	24	0	0	25	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	284	7661	0	11	7956	38	686	0	1	725	0	43	0	0	43	0	1	0	0	1	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	326	9352	0	13	9691	44	920	0	1	965	1	88	0	0	89	0	1	0	0	1	0





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

West Approach - Valeria Blvd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	7	0	21	0	28	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	1	0	16	0	17	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07:30	6	0	21	0	27	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2
07:45	6	0	15	0	21	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
08:00	6	0	17	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	7	0	19	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	1	0	18	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	8	0	23	0	31	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1
09:00	7	0	17	0	24	1	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0
09:15	9	0	16	0	25	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
09:30	7	0	11	1	19	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
09:45	1	0	5	0	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	66	0	199	1	266	4	0	18	0	22	0	0	1	0	1	0	0	0	0	0	5



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

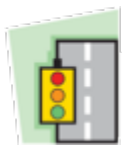
Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

West Approach - Valeria Blvd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	2	0	9	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	4	0	5	0	9	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
14:30	5	0	4	0	9	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
14:45	9	0	6	0	15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:00	5	0	4	0	9	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:15	5	0	4	0	9	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	4	0	6	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:45	3	0	4	0	7	1	0	1	0	2	1	0	0	0	1	0	0	0	0	0	0
16:00	6	0	5	0	11	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:15	6	0	6	0	12	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:30	9	0	4	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	9	0	5	0	14	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	5	0	6	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:15	4	0	5	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	5	0	10	1	16	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	4	0	15	0	19	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
18:00	4	0	10	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	5	0	6	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	7	0	8	0	15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
18:45	2	0	6	0	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	103	0	128	1	232	5	0	11	1	17	1	0	0	0	1	0	0	0	0	0	3

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	169	0	327	2	498	9	0	29	1	39	1	0	1	0	2	0	0	0	0	0	8





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 08:00:00
To: 09:00:00

Intersection: Weston Rd & Valeria Blvd
Site ID: 1936600120
Count Date: Nov 14, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	1675	664	2339
	158	69	227
	23	13	36
	0	0	0
Totals	1856	746	2602

Weston Rd

	0	0	0
	0	23	0
	0	158	0
	16	1659	0
Totals	16	1840	0

Peds: 0

Valeria Blvd

					Totals
	0	0	0	0	0
	0	0	0	22	22
	0	0	2	77	79

Peds: 1



Peds: 0

Peds: 0

West Approach

	Out	In	Total
	99	30	129
	2	3	5
	0	0	0
	0	0	0
Totals	101	33	134

	Left	Thru	Right
Totals	17	724	2
	14	642	2
	3	69	0
	0	13	0
	0	0	0

Weston Rd

South Approach

	Out	In	Total
	658	1738	2396
	72	160	232
	13	23	36
	0	0	0
Totals	743	1921	2664

- Cars

- Trucks

- Buses

- Bicycles

Comments



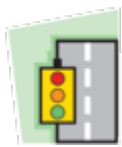
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Valeria Blvd
Count Date: Nov 14, 2019
Period: 07:00 - 10:00

Peak Hour Data (08:00 - 09:00)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Valeria Blvd						Total Vehic es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
08:00		475	5	0	0	480	4	170		1	0	175					0		6		17	0	0	23	678
08:15		459	4	0	0	463	7	173		0	0	180					0		7		19	0	0	26	669
08:30		459	2	0	0	461	3	185		0	0	188					0		1		18	0	0	19	668
08:45		447	5	0	0	452	3	196		1	0	200					0		8		25	0	1	33	685
Grand Total		1840	16	0	0	1856	17	724		2	0	743					0	0	22		79	0	1	101	2700
Approach %		99.1	0.9	0	-	-	2.3	97.4		0.3	-	-					-	-	21.8		78.2	0	-	-	
Totals %		68.1	0.6	0	-	68.7	0.6	26.8		0.1	-	27.5					0	0	0.8		2.9	0	-	3.7	
PHF		0.97	0.8	0	-	0.97	0.61	0.92		0.5	-	0.93					0	0	0.69		0.79	0	-	0.77	0.99
Cars		1659	16	0	-	1675	14	642		2	-	658					0	0	22		77	0	-	99	2432
% Cars		90.2	100	0	-	90.2	82.4	88.7		100	-	88.6					0	0	100		97.5	0	-	98	90.1
Trucks		158	0	0	-	158	3	69		0	-	72					0	0	0		2	0	-	2	232
% Trucks		8.6	0	0	-	8.5	17.6	9.5		0	-	9.7					0	0	0		2.5	0	-	2	8.6
Buses		23	0	0	-	23	0	13		0	-	13					0	0	0		0	0	-	0	36
% Buses		1.3	0	0	-	1.2	0	1.8		0	-	1.7					0	0	0		0	0	-	0	1.3
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
Peds					0	-				0	-						0	-					1	-	1
% Peds					0	-				0	-						0	-					100	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00

Intersection: Weston Rd & Valeria Blvd
Site ID: 1936600120
Count Date: Nov 14, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	864	1845	2709
	52	170	222
	6	14	20
	0	1	1
Totals	922	2030	2952

Weston Rd

	0	0	0
	0	6	0
	3	49	0
	39	825	0
Totals	42	880	0

Peds: 3

Valeria Blvd

					Totals
	0	0	0	0	0
	0	0	1	29	30
	0	0	1	21	22

Peds: 1



Peds: 4

Peds: 0

West Approach

	Out	In	Total
	50	90	140
	2	10	12
	0	0	0
	0	0	0
Totals	52	100	152

	Out	In	Total
	51	1816	2
	7	169	0
	0	14	0
	0	1	0
Totals	58	2000	2

Weston Rd

South Approach

	Out	In	Total
	1869	848	2717
	176	50	226
	14	6	20
	1	0	1
Totals	2060	904	2964

- Cars

- Trucks

- Buses

- Bicycles

Comments



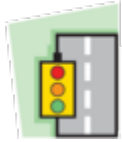
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Valeria Blvd
Count Date: Nov 14, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Valeria Blvd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15		196	11	0	1	207	15	480		1	0	496					1		7		6	0	0	13	716
16:30		211	14	0	1	225	13	489		0	0	502					2		9		4	0	0	13	740
16:45		227	8	0	0	235	18	489		1	0	508					0		9		6	0	0	15	758
17:00		246	9	0	1	255	12	542		0	0	554					1		5		6	0	1	11	820
Grand Total		880	42	0	3	922	58	2000		2	0	2060					4	0	30		22	0	1	52	3034
Approach %		95.4	4.6	0	-	-	2.8	97.1		0.1	-	-					-	-	57.7		42.3	0	-	-	
Totals %		29	1.4	0	30.4		1.9	65.9		0.1	67.9						0		1		0.7	0		1.7	
PHF		0.89	0.75	0	0.9		0.81	0.92		0.5	0.93						0		0.83		0.92	0	0.87	0.93	
Cars		825	39	0		864	51	1816		2		1869					0		29		21	0		50	2783
% Cars		93.8	92.9	0		93.7	87.9	90.8		100		90.7					0		96.7		95.5	0		96.2	91.7
Trucks		49	3	0		52	7	169		0		176					0		1		1	0		2	230
% Trucks		5.6	7.1	0		5.6	12.1	8.5		0		8.5					0		3.3		4.5	0		3.8	7.6
Buses		6	0	0		6	0	14		0		14					0		0		0	0		0	20
% Buses		0.7	0	0		0.7	0	0.7		0		0.7					0		0		0	0		0	0.7
Bicycles		0	0	0		0	0	1		0		1					0		0		0	0		0	1
% Bicycles		0	0	0		0	0	0.1		0		0					0		0		0	0		0	0
Peds					3	-				0	-						4	-					1	-	8
% Peds					37.5	-				0	-						50	-					12.5	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

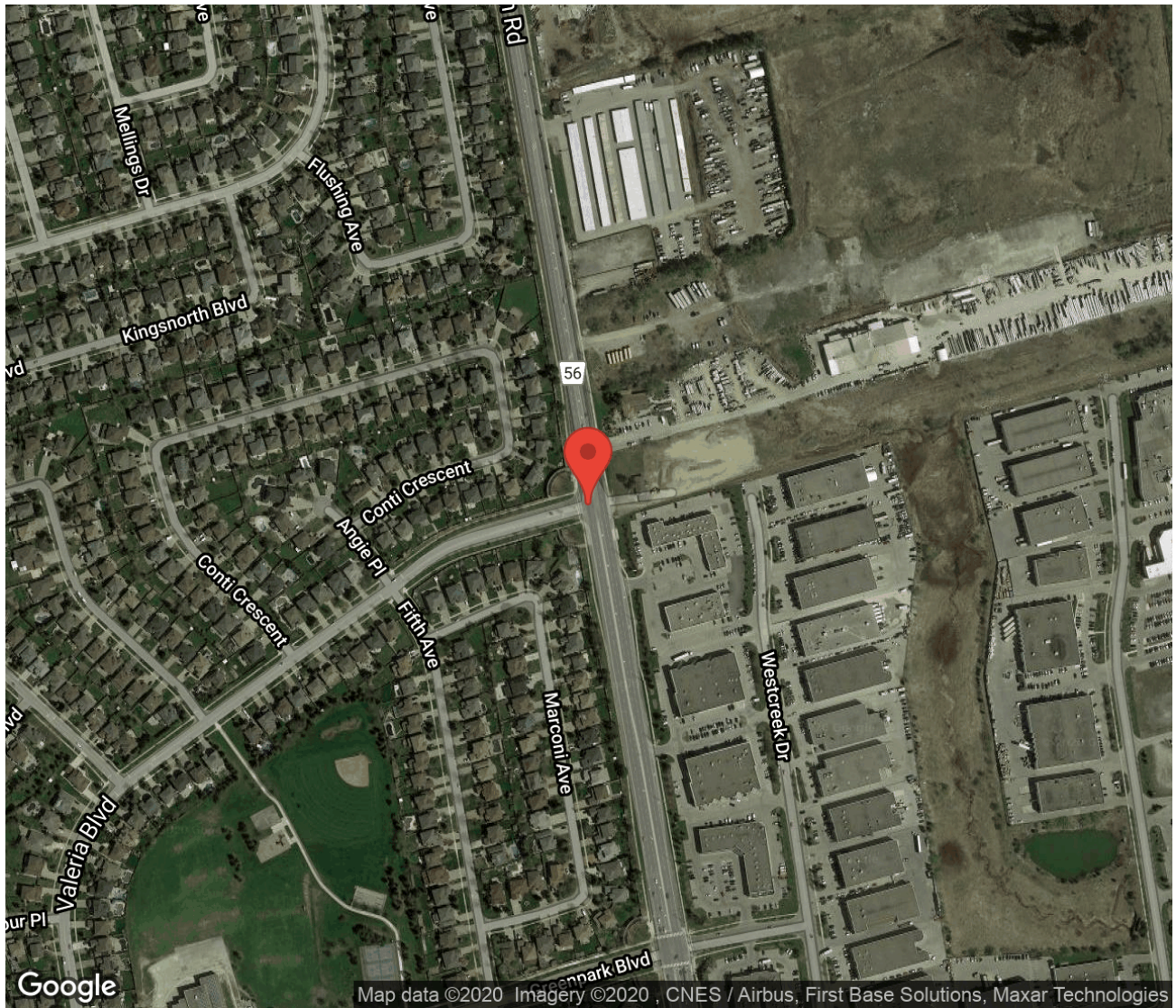
Intersection Count Report

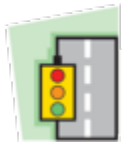
Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600121
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

Weston Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
11:00 - 12:00	0	1225	39	0	1264	1	56	1263	0	1	1320	0	
12:00 - 13:00	0	1200	32	0	1232	0	48	1487	0	3	1538	0	
13:00 - 14:00	0	1130	34	0	1164	0	46	1419	0	6	1471	0	
14:00 - 15:00	0	1030	32	0	1062	0	51	1532	0	7	1590	0	
15:00 - 16:00	0	1003	31	0	1034	0	41	1415	0	10	1466	0	
16:00 - 17:00	0	899	36	0	935	0	43	1347	0	2	1392	0	
17:00 - 18:00	0	869	31	0	900	0	49	1238	0	6	1293	0	
18:00 - 19:00	0	899	36	0	935	0	43	1158	0	2	1203	0	
GRAND TOTAL	0	8255	271	0	8526	1	377	1085	9	0	37	1127	3



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

Valeria Blvd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	0	0	0	0	27	0	56	1	84	1
12:00 - 13:00	0	0	0	0	0	0	14	0	60	1	75	1
13:00 - 14:00	0	0	0	0	0	0	26	0	52	0	78	0
14:00 - 15:00	0	0	0	0	0	2	35	0	24	0	59	2
15:00 - 16:00	0	0	0	0	0	0	26	0	40	0	66	0
16:00 - 17:00	0	0	0	0	0	3	16	0	35	0	51	2
17:00 - 18:00	0	0	0	0	0	0	23	0	41	0	64	0
18:00 - 19:00	0	0	0	0	0	0	22	0	28	0	50	0
GRAND TOTAL	0	0	0	0	0	5	189	0	336	2	527	6



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	224	8	0	232	0	13	2	0	15	0	1	0	0	1	0	0	0	0	0	0
16:30	0	186	14	0	200	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
16:45	0	215	6	0	221	0	20	1	0	21	0	0	0	0	0	0	0	0	0	0	0
17:00	0	188	5	0	193	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0
17:15	0	197	6	0	203	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
17:30	0	215	9	0	224	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
17:45	0	244	11	0	255	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:00	0	214	6	0	220	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
18:15	0	272	9	0	281	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
18:30	0	210	11	0	221	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:45	0	180	10	0	190	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	7756	251	0	8007	0	483	20	0	503	0	15	0	0	15	0	1	0	0	1	1
GRAND TOTAL	0	7756	251	0	8007	0	483	20	0	503	0	15	0	0	15	0	1	0	0	1	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	12	320	0	0	332	2	9	0	0	11	0	0	0	0	0	0	0	0	0	0	0
11:15	10	286	0	1	297	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
11:30	13	304	0	0	317	0	31	0	0	31	0	0	0	0	0	0	1	0	0	1	0
11:45	19	271	0	0	290	0	28	0	0	28	0	0	0	0	0	0	0	0	0	0	0
12:00	14	318	0	1	333	1	33	0	0	34	0	1	0	0	1	0	0	0	0	0	0
12:15	14	349	0	2	365	1	32	0	0	33	0	0	0	0	0	0	0	0	0	0	0
12:30	7	345	0	0	352	2	32	0	0	34	0	0	0	0	0	0	0	0	0	0	0
12:45	8	347	0	0	355	1	29	0	0	30	0	1	0	0	1	0	0	0	0	0	0
13:00	6	341	0	2	349	3	23	0	0	26	0	0	0	0	0	0	0	0	0	0	0
13:15	11	348	0	2	361	1	26	0	0	27	0	1	0	0	1	0	0	0	0	0	0
13:30	10	314	0	2	326	2	28	0	0	30	0	0	0	0	0	0	0	0	0	0	0
13:45	11	317	0	0	328	2	21	0	0	23	0	0	0	0	0	0	0	0	0	0	0
14:00	9	314	0	3	326	2	29	0	0	31	0	1	0	0	1	0	0	0	0	0	0
14:15	7	377	0	2	386	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
14:30	19	398	0	1	418	0	27	0	0	27	0	0	0	0	0	0	0	0	0	0	0
14:45	13	334	0	1	348	1	32	0	0	33	0	1	0	0	1	0	0	0	0	0	0
15:00	6	353	0	5	364	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
15:15	20	318	0	4	342	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
15:30	5	302	0	1	308	1	35	0	0	36	0	0	0	0	0	0	0	0	0	0	0
15:45	9	331	0	0	340	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
16:00	12	331	0	1	344	1	21	0	0	22	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Valeria Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	12	313	0	0	325	0	22	0	0	22	0	0	0	0	0	0	2	0	0	2	0
16:30	9	314	0	1	324	2	12	0	0	14	0	0	0	0	0	0	0	0	0	0	0
16:45	7	314	0	0	321	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
17:00	11	316	0	1	328	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
17:15	9	302	0	2	313	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
17:30	10	284	0	3	297	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	16	301	0	0	317	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
18:00	11	300	0	0	311	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
18:15	13	326	0	2	341	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
18:30	6	286	0	0	292	1	3	0	0	4	0	1	0	0	1	0	0	0	0	0	0
18:45	10	229	0	0	239	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	349	10203	0	37	10589	28	639	0	0	667	0	14	0	0	14	0	3	0	0	3	0
GRAND TOTAL	349	10203	0	37	10589	28	639	0	0	667	0	14	0	0	14	0	3	0	0	3	0



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00

Intersection: Weston Rd & Valeria Blvd
Site ID: 1936600121
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	1135	1373	2508
	96	126	222
	1	2	3
	0	0	0
Totals	1232	1501	2733

Weston Rd

	0	0	0
	0	1	0
	3	93	0
	29	1106	0
Totals	32	1200	0

Peds: 0

Valeria Blvd

					Totals
	0	0	0	1	1
	0	0	0	14	14
	0	0	11	49	60

Peds: 1



Peds: 0

Peds: 0

West Approach

	Out	In	Total
	64	73	137
	11	8	19
	0	0	0
	0	0	0
Totals	75	81	156

	Out	In	Total
	43	1359	3
	5	126	0
	0	2	0
	0	0	0
Totals	48	1487	3

Weston Rd

South Approach

	Out	In	Total
	1405	1158	2563
	131	104	235
	2	1	3
	0	0	0
Totals	1538	1263	2801

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Valeria Blvd
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (12:00 - 13:00)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Valeria Blvd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00		291	10	0	0	301	15	352		1	0	368					0		3		19	0	0	22	691
12:15		307	8	0	0	315	15	381		2	0	398					0		1		21	0	0	22	735
12:30		305	4	0	0	309	9	377		0	0	386					0		9		8	0	1	17	712
12:45		297	10	0	0	307	9	377		0	0	386					0		1		12	1	0	14	707
Grand Total		1200	32	0	0	1232	48	1487		3	0	1538					0	0	14		60	1	1	75	2845
Approach %		97.4	2.6	0	-	-	3.1	96.7		0.2	-	-					-	-	18.7		80	1.3	-	-	
Totals %		42.2	1.1	0	-	43.3	1.7	52.3		0.1	-	54.1					0	0	0.5		2.1	0	-	2.6	
PHF		0.98	0.8	0	0	0.98	0.8	0.98		0.38	0	0.97					0	0	0.39		0.71	0.25	0	0.85	0.97
Cars		1106	29	0	-	1135	43	1359		3	-	1405					0	0	14		49	1	-	64	2604
% Cars		92.2	90.6	0	-	92.1	89.6	91.4		100	-	91.4					0	0	100		81.7	100	-	85.3	91.5
Trucks		93	3	0	-	96	5	126		0	-	131					0	0	0		11	0	-	11	238
% Trucks		7.8	9.4	0	-	7.8	10.4	8.5		0	-	8.5					0	0	0		18.3	0	-	14.7	8.4
Buses		1	0	0	-	1	0	2		0	-	2					0	0	0		0	0	-	0	3
% Buses		0.1	0	0	-	0.1	0	0.1		0	-	0.1					0	0	0		0	0	-	0	0.1
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
Peds					0	-				0	-						0	-					1	-	1
% Peds					0	-				0	-						0	-					100	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:15:00
To: 15:15:00

Intersection: Weston Rd & Valeria Blvd
Site ID: 1936600121
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	963	1494	2457
	67	109	176
	1	2	3
	0	0	0
Totals	1031	1605	2636

Weston Rd

	0	0	0
	0	1	0
	1	66	0
	25	938	0
Totals	26	1005	0

Peds: 0

Valeria Blvd

					Totals
	0	0	0	0	0
	0	0	3	32	35
	0	0	0	28	28

Peds: 2



Peds: 1

Peds: 0

West Approach

	Out	In	Total
	60	70	130
	3	2	5
	0	0	0
	0	0	0
Totals	63	72	135

	Out	In	Total
	45	1462	9
	1	106	0
	0	2	0
	0	0	0
Totals	46	1570	9

Weston Rd

South Approach

	Out	In	Total
	1516	975	2491
	107	66	173
	2	1	3
	0	0	0
Totals	1625	1042	2667

- Cars

- Trucks

- Buses

- Bicycles

Comments



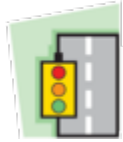
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Valeria Blvd
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:15 - 15:15)

Start Time	North Approach Weston Rd					South Approach Weston Rd					East Approach					West Approach Valeria Blvd					Total Vehicles				
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total							
14:15		255	6	0	0	261	7	396		2	0	405					0		7		4	0	1	11	677
14:30		255	6	0	0	261	19	425		1	0	445					0		15		10	0	0	25	731
14:45		241	10	0	0	251	14	367		1	0	382					1		9		4	0	1	13	646
15:00		254	4	0	0	258	6	382		5	0	393					0		4		10	0	0	14	665
Grand Total		1005	26	0	0	1031	46	1570		9	0	1625					1	0	35		28	0	2	63	2719
Approach %		97.5	2.5	0	-	-	2.8	96.6		0.6	-	-					-	-	55.6		44.4	0	-	-	
Totals %		37	1	0	-	37.9	1.7	57.7		0.3	-	59.8					0	-	1.3		1	0	-	2.3	
PHF		0.99	0.65	0	0	0.99	0.61	0.92		0.45	0	0.91					0	0	0.58		0.7	0	0	0.63	0.93
Cars		938	25	0	0	963	45	1462		9	0	1516					0	0	32		28	0	0	60	2539
% Cars		93.3	96.2	0	-	93.4	97.8	93.1		100	-	93.3					0	0	91.4		100	0	0	95.2	93.4
Trucks		66	1	0	0	67	1	106		0	0	107					0	0	3		0	0	0	3	177
% Trucks		6.6	3.8	0	-	6.5	2.2	6.8		0	-	6.6					0	0	8.6		0	0	0	4.8	6.5
Buses		1	0	0	0	1	0	2		0	0	2					0	0	0		0	0	0	0	3
% Buses		0.1	0	0	-	0.1	0	0.1		0	-	0.1					0	0	0		0	0	0	0	0.1
Bicycles		0	0	0	0	0	0	0		0	0	0					0	0	0		0	0	0	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	0	0	0
Peds					0	-				0	-						1	-				2	-		3
% Peds					0	-				0	-						33.3	-				66.7	-		



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

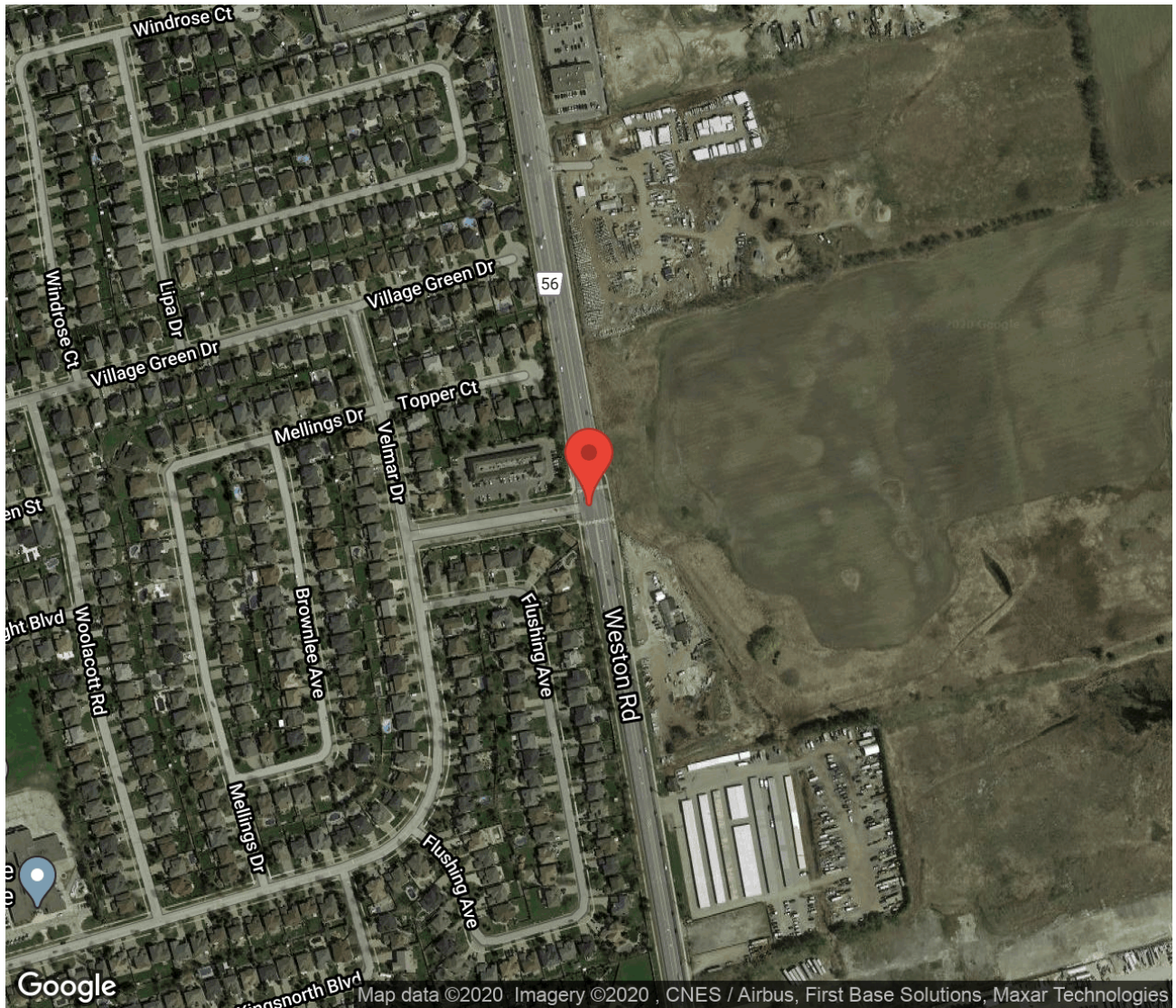
Intersection Count Report

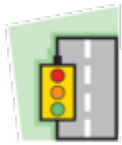
Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019
Site Code: 1936600122
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019



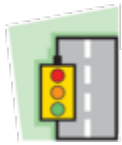


Traffic Count Summary

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

Weston Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1267	41	1	1309	0	46	534	0	0	580	0
08:00 - 09:00	0	1408	59	0	1467	1	55	684	0	0	739	0
09:00 - 10:00	0	1290	72	0	1362	1	76	641	0	0	717	0
BREAK												
14:00 - 15:00	0	808	107	0	915	0	110	1233	0	4	1347	1
15:00 - 16:00	0	806	117	0	923	2	147	1540	0	1	1688	0
16:00 - 17:00	0	779	131	0	910	1	183	1786	0	0	1969	0
17:00 - 18:00	0	731	125	0	856	0	213	1749	0	0	1962	1
18:00 - 19:00	0	751	107	0	858	0	180	1421	0	0	1601	1
GRAND TOTAL	0	7840	759	1	8600	5	1010	9588	0	5	1060	3



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

Astona Blvd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	0	0	0	1	192	0	353	1	546	4
08:00 - 09:00	0	0	0	0	0	0	308	0	437	0	745	1
09:00 - 10:00	0	0	0	0	0	1	159	0	234	0	393	1
BREAK												
14:00 - 15:00	0	0	0	0	0	1	91	0	87	1	179	1
15:00 - 16:00	0	0	0	0	0	0	112	0	87	0	199	3
16:00 - 17:00	0	0	0	0	0	1	89	0	80	0	169	0
17:00 - 18:00	0	0	0	0	0	0	88	0	86	0	174	1
18:00 - 19:00	0	0	0	0	0	0	83	0	97	0	180	1
GRAND TOTAL	0	0	0	0	0	4	1122	0	1461	2	2585	12



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	267	7	0	274	0	34	1	0	35	0	2	1	0	3	0	0	0	0	0	0
07:15	0	288	12	0	300	0	25	4	0	29	0	2	0	0	2	0	0	0	0	0	0
07:30	0	301	4	1	306	0	22	1	0	23	0	3	0	0	3	0	0	0	0	0	0
07:45	0	296	10	0	306	0	26	1	0	27	0	1	0	0	1	0	0	0	0	0	0
08:00	0	308	9	0	317	0	35	5	0	40	0	1	0	0	1	0	0	0	0	0	1
08:15	0	331	12	0	343	0	32	0	0	32	0	1	1	0	2	0	0	0	0	0	0
08:30	0	330	10	0	340	0	27	1	0	28	0	5	0	0	5	0	0	0	0	0	0
08:45	0	300	17	0	317	0	31	4	0	35	0	7	0	0	7	0	0	0	0	0	0
09:00	0	317	16	0	333	0	32	3	0	35	0	5	0	0	5	0	0	0	0	0	1
09:15	0	291	10	0	301	0	34	2	0	36	0	7	0	0	7	0	0	0	0	0	0
09:30	0	294	14	0	308	0	39	5	0	44	0	5	0	0	5	0	0	0	0	0	0
09:45	0	239	19	0	258	0	27	3	0	30	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	3562	140	1	3703	0	364	30	0	394	0	39	2	0	41	0	0	0	0	0	2



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	157	27	0	184	0	18	1	0	19	0	2	0	0	2	0	0	0	0	0	0
14:15	0	175	17	0	192	0	23	4	0	27	0	1	0	0	1	0	0	0	0	0	0
14:30	0	179	29	0	208	0	25	5	0	30	0	2	0	0	2	0	0	0	0	0	0
14:45	0	210	21	0	231	0	14	2	0	16	0	2	1	0	3	0	0	0	0	0	0
15:00	0	182	24	0	206	0	18	1	0	19	0	0	1	0	1	0	0	0	0	0	1
15:15	0	206	32	0	238	0	13	2	0	15	0	3	1	0	4	0	0	0	0	0	0
15:30	0	176	25	0	201	0	15	2	0	17	0	1	0	0	1	0	0	0	0	0	1
15:45	0	169	27	0	196	0	20	2	0	22	0	3	0	0	3	0	0	0	0	0	0
16:00	0	175	30	0	205	0	12	4	0	16	0	6	0	0	6	0	0	0	0	0	0
16:15	0	148	22	0	170	0	19	2	0	21	0	9	0	0	9	0	0	0	0	0	0
16:30	0	201	32	0	233	0	13	2	0	15	0	3	0	0	3	0	0	0	0	0	1
16:45	0	181	38	0	219	0	11	1	0	12	0	1	0	0	1	0	0	0	0	0	0
17:00	0	201	29	0	230	0	14	4	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	0	164	35	0	199	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
17:30	0	155	20	0	175	0	10	1	0	11	0	1	0	0	1	0	0	0	0	0	0
17:45	0	173	33	0	206	0	5	2	0	7	0	1	0	0	1	0	0	0	0	0	0
18:00	0	187	25	0	212	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
18:15	0	175	27	0	202	0	15	2	0	17	0	0	0	0	0	0	0	0	0	0	0
18:30	0	197	31	0	228	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
18:45	0	149	20	0	169	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	3560	544	0	4104	0	276	40	0	316	0	39	3	0	42	0	0	0	0	0	3

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↻		↶	↑	↷	↻		↶	↑	↷	↻							
GRAND TOTAL	0	7122	684	1	7807	0	640	70	0	710	0	78	5	0	83	0	0	0	0	0	5





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	10	84	0	0	94	1	20	0	0	21	0	7	0	0	7	0	0	0	0	0	0
07:15	8	117	0	0	125	0	9	0	0	9	0	8	0	0	8	0	0	0	0	0	0
07:30	8	114	0	0	122	1	19	0	0	20	1	7	0	0	8	0	0	0	0	0	0
07:45	14	126	0	0	140	3	21	0	0	24	0	2	0	0	2	0	0	0	0	0	0
08:00	11	131	0	0	142	1	19	0	0	20	0	2	0	0	2	0	0	0	0	0	0
08:15	11	156	0	0	167	2	17	0	0	19	0	6	0	0	6	0	0	0	0	0	0
08:30	13	146	0	0	159	2	14	0	0	16	0	0	0	0	0	0	0	0	0	0	0
08:45	14	173	0	0	187	1	16	0	0	17	0	4	0	0	4	0	0	0	0	0	0
09:00	13	145	0	0	158	4	15	0	0	19	0	7	0	0	7	0	0	0	0	0	0
09:15	17	142	0	0	159	1	13	0	0	14	0	2	0	0	2	0	0	0	0	0	0
09:30	21	133	0	0	154	1	17	0	0	18	0	3	0	0	3	0	0	0	0	0	0
09:45	18	137	0	0	155	1	25	0	0	26	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	158	1604	0	0	1762	18	205	0	0	223	1	50	0	0	51	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	18	261	0	0	279	5	22	0	0	27	0	4	0	0	4	0	0	0	0	0	0
14:15	23	280	0	3	306	4	38	0	1	43	0	9	0	0	9	0	0	0	0	0	1
14:30	29	266	0	0	295	3	27	0	0	30	0	2	0	0	2	0	0	0	0	0	0
14:45	25	299	0	0	324	3	24	0	0	27	0	1	0	0	1	0	0	0	0	0	0
15:00	32	337	0	0	369	2	24	0	0	26	0	1	0	0	1	0	0	0	0	0	0
15:15	35	323	0	0	358	1	37	0	0	38	0	2	0	0	2	0	0	0	0	0	0
15:30	33	335	0	1	369	3	39	0	0	42	0	3	0	0	3	0	0	0	0	0	0
15:45	40	392	0	0	432	1	43	0	0	44	0	4	0	0	4	0	0	0	0	0	0
16:00	42	417	0	0	459	2	40	0	0	42	0	4	0	0	4	0	0	0	0	0	0
16:15	37	375	0	0	412	3	47	0	0	50	0	2	0	0	2	0	1	0	0	1	0
16:30	40	429	0	0	469	5	30	0	0	35	0	2	0	0	2	0	0	0	0	0	0
16:45	48	412	0	0	460	6	27	0	0	33	0	0	0	0	0	0	0	0	0	0	0
17:00	54	465	0	0	519	6	32	0	0	38	0	2	0	0	2	0	0	0	0	0	0
17:15	41	376	0	0	417	6	30	0	0	36	0	1	0	0	1	0	0	0	0	0	1
17:30	50	416	0	0	466	2	28	0	0	30	0	1	0	0	1	0	0	0	0	0	0
17:45	50	365	0	0	415	4	32	0	0	36	0	1	0	0	1	0	0	0	0	0	0
18:00	68	399	0	0	467	3	28	0	0	31	0	1	0	0	1	0	0	0	0	0	0
18:15	38	319	0	0	357	6	18	0	0	24	0	1	0	0	1	0	0	0	0	0	0
18:30	24	320	0	0	344	5	14	0	0	19	0	1	0	0	1	0	0	0	0	0	1
18:45	30	301	0	0	331	6	18	0	0	24	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	757	7087	0	4	7848	76	598	0	1	675	0	43	0	0	43	0	1	0	0	1	3

Start Time	Cars					Trucks					Buses					Total Peds					
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total						
GRAND TOTAL	915	8691	0	4	9610	94	803	0	1	898	1	93	0	0	94	0	1	0	0	1	3





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Traffic Count Data

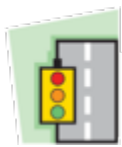
Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

West Approach - Astona Blvd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	29	0	64	0	93	4	0	10	0	14	0	0	0	0	0	0	0	0	0	0	1
07:15	22	0	71	0	93	2	0	6	0	8	0	0	0	0	0	0	0	0	0	0	1
07:30	67	0	101	1	169	4	0	12	0	16	1	0	0	0	1	0	0	0	0	0	1
07:45	59	0	83	0	142	4	0	5	0	9	0	0	1	0	1	0	0	0	0	0	1
08:00	71	0	108	0	179	10	0	12	0	22	0	0	1	0	1	0	0	0	0	0	0
08:15	66	0	95	0	161	3	0	6	0	9	0	0	2	0	2	0	0	0	0	0	0
08:30	70	0	87	0	157	4	0	10	0	14	0	0	1	0	1	0	0	0	0	0	1
08:45	78	0	105	0	183	6	0	7	0	13	0	0	3	0	3	0	0	0	0	0	0
09:00	44	0	75	0	119	4	0	7	0	11	0	0	1	0	1	0	0	0	0	0	0
09:15	43	0	65	0	108	3	0	5	0	8	0	0	0	0	0	0	0	0	0	0	0
09:30	32	0	39	0	71	4	0	6	0	10	0	0	0	0	0	0	0	0	0	0	0
09:45	27	0	35	0	62	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	608	0	928	1	1537	50	0	87	0	137	1	0	9	0	10	0	0	0	0	0	6

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↶		↷	↶	↑	↷		↶	↷	↶	↑			↷	↶			
GRAND TOTAL	1018	0	1326	2	2346	100	0	125	0	225	4	0	10	0	14	0	0	0	0	0	12





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 08:00:00
To: 09:00:00

Intersection: Weston Rd & Astona Blvd
Site ID: 1936600122
Count Date: Nov 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	1317	891	2208
	135	89	224
	15	12	27
	0	0	0
Totals	1467	992	2459

Weston Rd

	0	0	0
	1	14	0
	10	125	0
	48	1269	0
Totals	59	1408	0

Peds: 1

Astona Blvd

	0	0	0	0	0
	0	0	23	285	308
	0	7	35	395	437
Totals					

Peds: 1



Peds: 0

Peds: 0

West Approach

	Out	In	Total
	680	97	777
	58	16	74
	7	1	8
	0	0	0
Totals	745	114	859

Totals	55	684	0
	49	606	0
	6	66	0
	0	12	0
	0	0	0

Weston Rd

South Approach

	Out	In	Total
	655	1664	2319
	72	160	232
	12	21	33
	0	0	0
Totals	739	1845	2584

- Cars

- Trucks

- Buses

- Bicycles

Comments



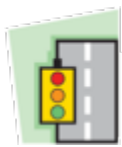
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Astona Blvd
Count Date: Nov 14, 2019
Period: 07:00 - 10:00

Peak Hour Data (08:00 - 09:00)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Astona Blvd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
08:00		344	14	0	1	358	12	152		0	0	164					0		81		121	0	0	202	724
08:15		364	13	0	0	377	13	179		0	0	192					0		69		103	0	0	172	741
08:30		362	11	0	0	373	15	160		0	0	175					0		74		98	0	1	172	720
08:45		338	21	0	0	359	15	193		0	0	208					0		84		115	0	0	199	766
Grand Total		1408	59	0	1	1467	55	684		0	0	739					0	0	308		437	0	1	745	2951
Approach %		96	4	0	-	-	7.4	92.6		0	-	-					-	-	41.3		58.7	0	-	-	
Totals %		47.7	2	0	-	49.7	1.9	23.2		0	-	25					0	0	10.4		14.8	0	-	25.2	
PHF		0.97	0.7	0	0.97	0.97	0.92	0.89		0	0.89	0.89					0	0	0.92		0.9	0	0.92	0.96	
Cars		1269	48	0	-	1317	49	606		0	-	655					0	0	285		395	0	-	680	2652
% Cars		90.1	81.4	0	-	89.8	89.1	88.6		0	-	88.6					0	0	92.5		90.4	0	-	91.3	89.9
Trucks		125	10	0	-	135	6	66		0	-	72					0	0	23		35	0	-	58	265
% Trucks		8.9	16.9	0	-	9.2	10.9	9.6		0	-	9.7					0	0	7.5		8	0	-	7.8	9
Buses		14	1	0	-	15	0	12		0	-	12					0	0	0		7	0	-	7	34
% Buses		1	1.7	0	-	1	0	1.8		0	-	1.6					0	0	0		1.6	0	-	0.9	1.2
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
Peds					1	-				0	-						0	-				1	-		2
% Peds					50	-				0	-						0	-				50	-		



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Weston Rd & Astona Blvd
Site ID: 1936600122
Count Date: Nov 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	881	1777	2658
	52	127	179
	5	5	10
	0	0	0
Totals	938	1909	2847

Weston Rd

	0	0	0
	0	5	0
	8	44	0
	134	747	0
Totals	142	796	0

Peds: 1

Astona Blvd

					Totals
	0	0	0	0	0
	0	0	8	95	103
	0	0	6	85	91

Peds: 1



Peds: 1

Peds: 1

West Approach

	Out	In	Total
	180	317	497
	14	31	45
	0	0	0
	0	0	0
Totals	194	348	542

Totals			
	183	1682	0
	23	119	0
	0	5	0
	0	0	0

Weston Rd

South Approach

	Out	In	Total
	1865	832	2697
	142	50	192
	5	5	10
	0	0	0
Totals	2012	887	2899

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Astona Blvd
Count Date: Nov 14, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Astona Blvd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30		217	34	0	1	251	45	461		0	0	506					1		21		20	0	0	41	798
16:45		193	39	0	0	232	54	439		0	0	493					0		27		24	0	0	51	776
17:00		215	33	0	0	248	60	499		0	0	559					0		16		27	0	1	43	850
17:15		171	36	0	0	207	47	407		0	1	454					0		39		20	0	0	59	720
Grand Total		796	142	0	1	938	206	1806		0	1	2012					1	0	103		91	0	1	194	3144
Approach %		84.9	15.1	0	-	-	10.2	89.8		0	-	-					-	-	53.1		46.9	0	-	-	
Totals %		25.3	4.5	0	-	29.8	6.6	57.4		0	-	64					0	0	3.3		2.9	0	-	6.2	
PHF		0.92	0.91	0	0.93	0.86	0.9	0	0.9		0	0.9					0	0	0.66		0.84	0	0.82	0.92	
Cars		747	134	0	-	881	183	1682		0	-	1865					0	0	95		85	0	-	180	2926
% Cars		93.8	94.4	0	-	93.9	88.8	93.1		0	-	92.7					0	0	92.2		93.4	0	-	92.8	93.1
Trucks		44	8	0	-	52	23	119		0	-	142					0	0	8		6	0	-	14	208
% Trucks		5.5	5.6	0	-	5.5	11.2	6.6		0	-	7.1					0	0	7.8		6.6	0	-	7.2	6.6
Buses		5	0	0	-	5	0	5		0	-	5					0	0	0		0	0	-	0	10
% Buses		0.6	0	0	-	0.5	0	0.3		0	-	0.2					0	0	0		0	0	-	0	0.3
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
Peds					1	-				1	-						1	-			1	-	-		4
% Peds					25	-				25	-						25	-			25	-	-		



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

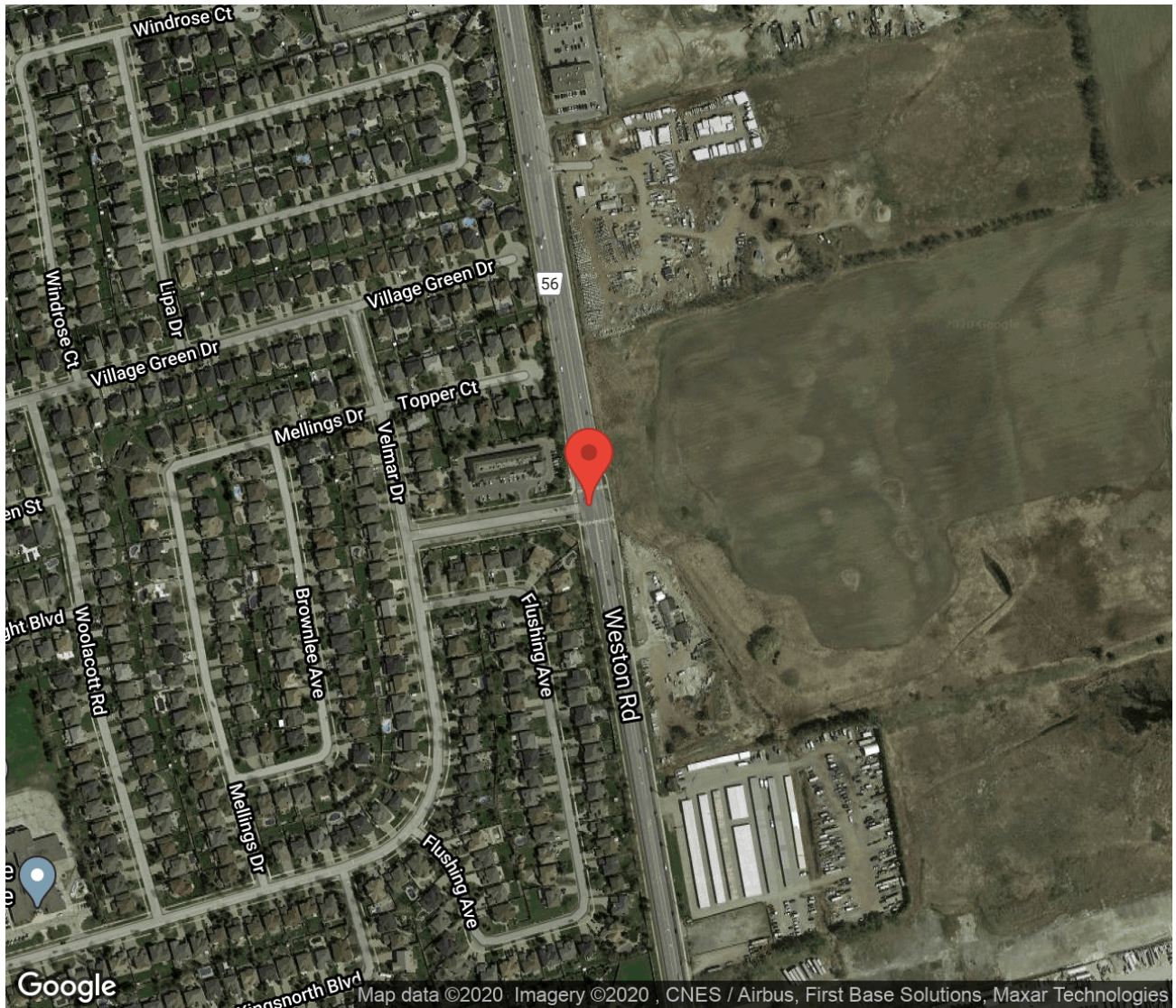
Intersection Count Report

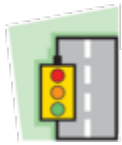
Intersection:	Weston Rd & Astona Blvd
Municipality:	Vaughan
Count Date:	Nov 16, 2019
Site Code:	1936600123
Count Categories:	Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period:	11:00-19:00
Weather:	Clear



Traffic Count Map

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019





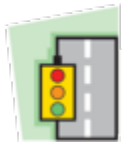
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

Weston Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	1096	152	0	1248	0	163	1164	0	0	1327	1
12:00 - 13:00	0	1100	124	3	1227	0	164	1389	0	0	1553	4
13:00 - 14:00	0	1000	141	1	1142	1	217	1338	0	0	1555	0
14:00 - 15:00	0	961	114	1	1076	1	183	1466	0	2	1651	3
15:00 - 16:00	0	918	127	0	1045	0	141	1285	0	0	1426	1
16:00 - 17:00	0	861	118	1	980	0	139	1203	0	1	1343	3
17:00 - 18:00	0	785	105	1	891	0	145	1244	0	0	1389	1
18:00 - 19:00	0	789	100	0	889	0	125	1106	0	0	1231	2
GRAND TOTAL	0	7510	981	7	8498	2	1277	1019	5	0	1147	15



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

Astona Blvd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	0	0	0	0	171	0	165	0	336	1
12:00 - 13:00	0	0	0	0	0	0	132	0	135	0	267	4
13:00 - 14:00	0	0	0	0	0	0	138	0	151	0	289	0
14:00 - 15:00	0	0	0	0	0	2	110	0	108	0	218	3
15:00 - 16:00	0	0	0	0	0	1	101	0	104	0	205	1
16:00 - 17:00	0	0	0	0	0	3	96	0	83	0	179	3
17:00 - 18:00	0	0	0	0	0	0	97	0	108	0	205	1
18:00 - 19:00	0	0	0	0	0	0	89	0	106	1	196	2
GRAND TOTAL	0	0	0	0	0	6	934	0	960	1	1895	15



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	213	26	1	240	0	14	4	0	18	0	1	0	0	1	0	0	0	0	0	0
16:30	0	190	34	0	224	0	13	5	0	18	0	1	0	0	1	0	0	0	0	0	0
16:45	0	190	23	0	213	0	20	0	0	20	0	0	0	0	0	0	0	0	0	0	0
17:00	0	170	22	0	192	0	13	1	0	14	0	0	0	0	0	0	1	0	0	1	0
17:15	0	157	26	0	183	0	14	2	0	16	0	1	0	0	1	0	0	0	0	0	0
17:30	0	200	27	0	227	0	7	4	0	11	0	0	0	0	0	0	0	0	0	0	0
17:45	0	206	22	1	229	0	15	1	0	16	0	1	0	0	1	0	0	0	0	0	0
18:00	0	203	12	0	215	0	8	3	0	11	0	0	0	0	0	0	0	0	0	0	0
18:15	0	202	20	0	222	0	12	4	0	16	0	1	0	0	1	0	0	0	0	0	0
18:30	0	192	30	0	222	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
18:45	0	154	29	0	183	0	8	2	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	6992	905	7	7904	0	500	74	0	574	0	15	1	0	16	0	3	1	0	4	2
GRAND TOTAL	0	6992	905	7	7904	0	500	74	0	574	0	15	1	0	16	0	3	1	0	4	2



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	34	284	0	0	318	1	20	0	0	21	0	0	0	0	0	0	0	0	0	0	1
11:15	35	278	0	0	313	3	11	0	0	14	0	1	0	0	1	0	0	0	0	0	0
11:30	53	272	0	0	325	6	24	0	0	30	0	0	0	0	0	0	0	0	0	0	0
11:45	27	252	0	0	279	4	22	0	0	26	0	0	0	0	0	0	0	0	0	0	0
12:00	37	291	0	0	328	5	28	0	0	33	0	1	0	0	1	0	0	0	0	0	0
12:15	36	314	0	0	350	5	30	0	0	35	0	0	0	0	0	0	0	0	0	0	3
12:30	32	351	0	0	383	4	24	0	0	28	0	0	0	0	0	0	0	0	0	0	1
12:45	43	333	0	0	376	2	16	0	0	18	0	1	0	0	1	0	0	0	0	0	0
13:00	47	337	0	0	384	4	15	0	0	19	0	0	0	0	0	0	0	0	0	0	0
13:15	62	307	0	0	369	4	11	0	0	15	0	0	0	0	0	0	0	0	0	0	0
13:30	56	329	0	0	385	2	22	0	0	24	0	0	0	0	0	0	0	0	0	0	0
13:45	41	299	0	0	340	1	18	0	0	19	0	0	0	0	0	0	0	0	0	0	0
14:00	35	310	0	1	346	4	15	0	0	19	0	1	0	0	1	0	0	0	0	0	0
14:15	46	363	0	0	409	2	19	0	0	21	0	0	0	0	0	0	0	0	0	0	0
14:30	49	400	0	1	450	4	17	0	0	21	0	0	0	0	0	0	0	0	0	0	2
14:45	38	325	0	0	363	5	15	0	0	20	0	1	0	0	1	0	0	0	0	0	1
15:00	38	327	0	0	365	2	16	0	0	18	0	0	0	0	0	0	0	0	0	0	0
15:15	30	301	0	0	331	5	10	0	0	15	0	1	0	0	1	0	0	0	0	0	1
15:30	26	303	0	0	329	5	15	0	0	20	0	0	0	0	0	0	0	0	0	0	0
15:45	32	295	0	0	327	3	16	0	0	19	0	1	0	0	1	0	0	0	0	0	0
16:00	38	315	0	1	354	1	16	0	0	17	0	1	0	0	1	0	0	0	0	0	0



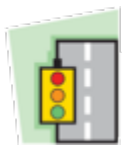
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Astona Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Weston Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	31	287	0	0	318	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	2
16:30	25	285	0	0	310	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
16:45	42	259	0	0	301	1	15	0	0	16	0	1	0	0	1	0	0	0	0	0	1
17:00	37	329	0	0	366	2	12	0	0	14	0	0	0	0	0	0	0	0	0	0	1
17:15	36	304	0	0	340	6	7	0	0	13	0	0	0	0	0	0	0	0	0	0	0
17:30	32	306	0	0	338	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	30	277	0	0	307	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
18:00	40	299	0	0	339	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	1
18:15	34	309	0	0	343	2	7	0	0	9	0	0	0	0	0	0	0	0	0	0	0
18:30	26	287	0	0	313	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
18:45	21	192	0	0	213	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	1189	9720	0	3	10912	88	466	0	0	554	0	9	0	0	9	0	0	0	0	0	15
GRAND TOTAL	1189	9720	0	3	10912	88	466	0	0	554	0	9	0	0	9	0	0	0	0	0	15



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:30:00
To: 13:30:00

Intersection: Weston Rd & Astona Blvd
Site ID: 1936600123
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	1116	1454	2570
	85	72	157
	3	1	4
	1	0	1
Totals	1205	1527	2732

Weston Rd

	1	0	0
	1	2	0
	10	75	0
	123	990	3
Totals	135	1067	3

Peds: 1

Astona Blvd

	0	0	0	0	
	0	0	6	123	
	0	0	9	118	
Totals				0	

Peds: 1



Peds: 0

Peds: 1

West Approach

	Out	In	Total
	241	307	548
	15	24	39
	0	1	1
	0	1	1
Totals	256	333	589

Totals	198	1395	0
	184	1328	0
	14	66	0
	0	1	0
	0	0	0

Weston Rd

South Approach

	Out	In	Total
	1512	1108	2620
	80	84	164
	1	2	3
	0	0	0
Totals	1593	1194	2787

- Cars

- Trucks

- Buses

- Bicycles

Comments



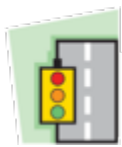
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Astona Blvd
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (12:30 - 13:30)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Astona Blvd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:30		284	19	2	0	305	36	375		0	1	411					0		32		32	0	1	64	780
12:45		270	46	0	0	316	45	350		0	0	395					0		34		33	0	0	67	778
13:00		249	30	1	0	280	51	352		0	0	403					0		31		34	0	0	65	748
13:15		264	40	0	1	304	66	318		0	0	384					0		32		28	0	0	60	748
Grand Total		1067	135	3	1	1205	198	1395		0	1	1593					0	0	129		127	0	1	256	3054
Approach %		88.5	11.2	0.2	-	-	12.4	87.6		0	-	-					-	-	50.4		49.6	0	-	-	
Totals %		34.9	4.4	0.1		39.5	6.5	45.7		0		52.2						0	4.2		4.2	0		8.4	
PHF		0.94	0.73	0.38		0.95	0.75	0.93		0		0.97					0	0	0.95		0.93	0		0.96	0.98
Cars		990	123	3		1116	184	1328		0		1512					0		123		118	0		241	2869
% Cars		92.8	91.1	100		92.6	92.9	95.2		0		94.9					0		95.3		92.9	0		94.1	93.9
Trucks		75	10	0		85	14	66		0		80					0		6		9	0		15	180
% Trucks		7	7.4	0		7.1	7.1	4.7		0		5					0		4.7		7.1	0		5.9	5.9
Buses		2	1	0		3	0	1		0		1					0		0		0	0		0	4
% Buses		0.2	0.7	0		0.2	0	0.1		0		0.1					0		0		0	0		0	0.1
Bicycles		0	1	0		1	0	0		0		0					0		0		0	0		0	1
% Bicycles		0	0.7	0		0.1	0	0		0		0					0		0		0	0		0	0
Peds					1	-				1	-						0	-				1	-		3
% Peds					33.3	-				33.3	-						0	-				33.3	-		



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:00:00
To: 15:00:00

Intersection: Weston Rd & Astona Blvd
Site ID: 1936600123
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Weston Rd runs N/S

North Approach

	Out	In	Total
	1000	1500	2500
	75	75	150
	1	2	3
	0	0	0
Totals	1076	1577	2653

Weston Rd

	0	0	0
	0	1	0
	10	65	0
	104	895	1
Totals	114	961	1

Peds: 1

Astona Blvd

					Totals
	0	0	0	0	0
	0	0	9	101	110
	0	0	11	97	108

Peds: 3



Peds: 2

Peds: 3

West Approach

	Out	In	Total
	198	272	470
	20	25	45
	0	0	0
	0	0	0
Totals	218	297	515

	Out	In	Total
	168	1398	2
	15	66	0
	0	2	0
	0	0	0
Totals	183	1466	2

Weston Rd

South Approach

	Out	In	Total
	1568	994	2562
	81	76	157
	2	1	3
	0	0	0
Totals	1651	1071	2722

- Cars

- Trucks

- Buses

- Bicycles

Comments



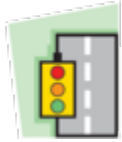
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Astona Blvd
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:00 - 15:00)

Start Time	North Approach Weston Rd						South Approach Weston Rd						East Approach						West Approach Astona Blvd						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
14:00		262	25	0	0	287	39	326		1	0	366					1		29		31	0	0	60	713	
14:15		231	29	0	0	260	48	382		0	0	430					0		18		26	0	0	44	734	
14:30		238	28	1	0	267	53	417		1	2	471					0		32		23	0	2	55	793	
14:45		230	32	0	1	262	43	341		0	1	384					1		31		28	0	1	59	705	
Grand Total		961	114	1	1	1076	183	1466		2	3	1651					2	0	110		108	0	3	218	2945	
Approach %		89.3	10.6	0.1	-	-	11.1	88.8		0.1	-	-					-	-	50.5		49.5	0	-	-		
Totals %		32.6	3.9	0		36.5	6.2	49.8		0.1		56.1						0	3.7		3.7	0		7.4		
PHF		0.92	0.89	0.25		0.94	0.86	0.88		0.5		0.88					0		0.86		0.87	0		0.91	0.93	
Cars		895	104	1		1000	168	1398		2		1568					0		101		97	0		198	2766	
% Cars		93.1	91.2	100		92.9	91.8	95.4		100		95					0		91.8		89.8	0		90.8	93.9	
Trucks		65	10	0		75	15	66		0		81					0		9		11	0		20	176	
% Trucks		6.8	8.8	0		7	8.2	4.5		0		4.9					0		8.2		10.2	0		9.2	6	
Buses		1	0	0		1	0	2		0		2					0		0		0	0		0	3	
% Buses		0.1	0	0		0.1	0	0.1		0		0.1					0		0		0	0		0	0.1	
Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0	
% Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0	
Peds					1	-				3	-						2	-			3	-		3	-	9
% Peds					11.1	-				33.3	-						22.2	-			33.3	-		33.3	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

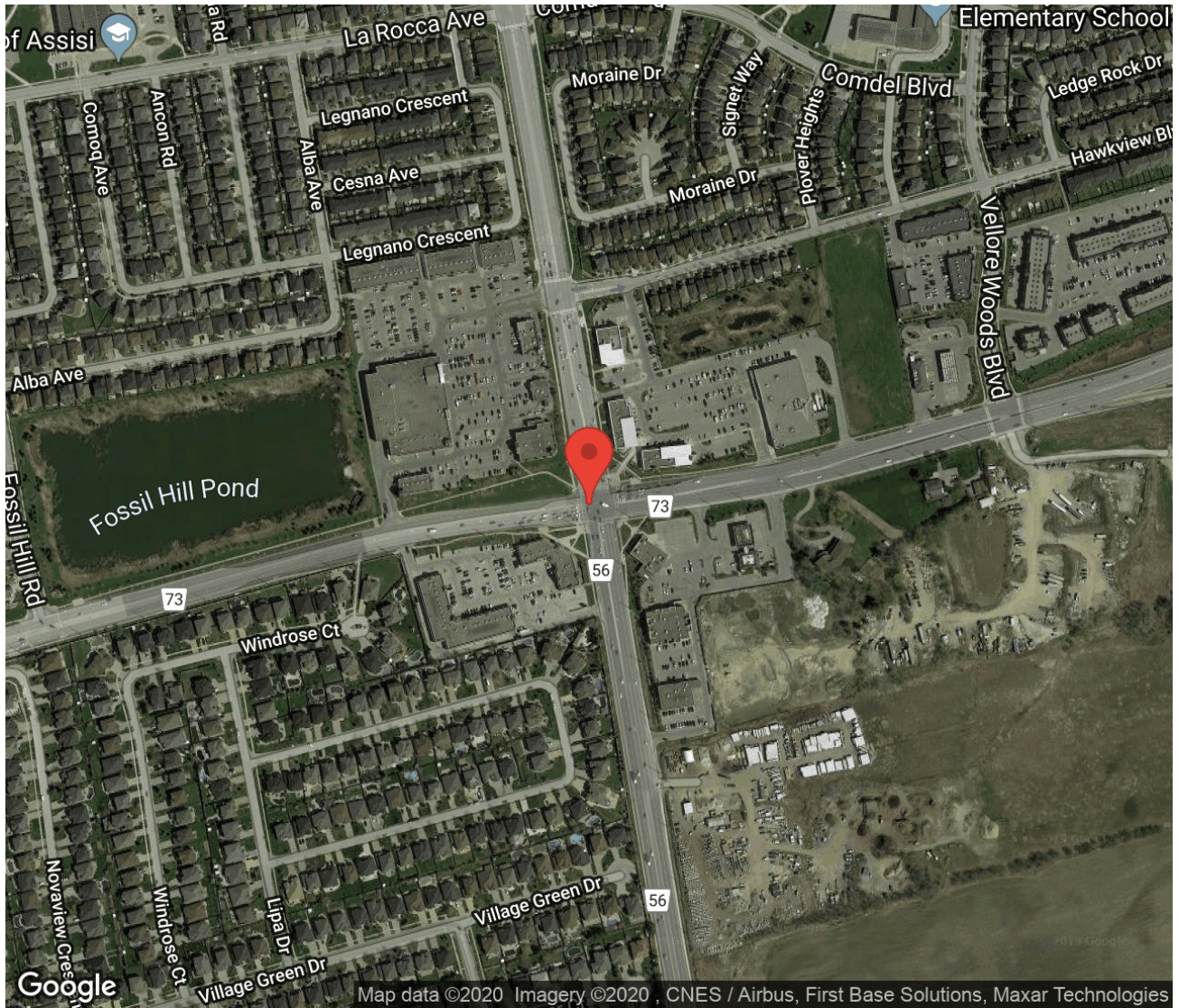
Intersection Count Report

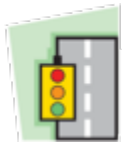
Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019
Site Code: 1936600124
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019



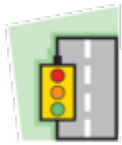


Traffic Count Summary

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019

- Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	507	1108	46	0	1661	12	81	293	355	0	729	3
08:00 - 09:00	388	1185	27	0	1600	8	103	381	492	0	976	3
09:00 - 10:00	337	1063	51	1	1452	5	111	376	306	1	794	4
BREAK												
14:00 - 15:00	220	587	84	0	891	9	233	717	323	0	1273	3
15:00 - 16:00	152	608	75	0	835	14	262	1040	277	1	1580	14
16:00 - 17:00	150	625	96	2	873	14	310	1211	211	1	1733	16
17:00 - 18:00	152	566	104	0	822	15	291	1157	209	0	1657	3
18:00 - 19:00	179	519	97	0	795	15	278	1013	246	0	1537	4
GRAND TOTAL	2085	6261	580	3	8929	92	1669	6188	2419	3	10279	50



Traffic Count Summary

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019

- Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	110	622	95	0	827	13	16	1306	76	0	1398	6
08:00 - 09:00	143	554	149	0	846	5	31	1184	74	0	1289	3
09:00 - 10:00	151	473	124	0	748	3	55	1085	112	0	1252	7
BREAK												
14:00 - 15:00	201	990	302	0	1493	14	132	876	104	0	1112	23
15:00 - 16:00	195	1222	383	0	1800	15	133	968	103	1	1205	7
16:00 - 17:00	148	1174	390	1	1713	11	144	951	104	0	1199	13
17:00 - 18:00	151	1217	377	0	1745	12	145	1071	94	0	1310	8
18:00 - 19:00	162	1165	394	0	1721	13	131	935	108	0	1174	7
GRAND TOTAL	1261	7417	2214	1	1089	86	787	8376	775	1	9939	74



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

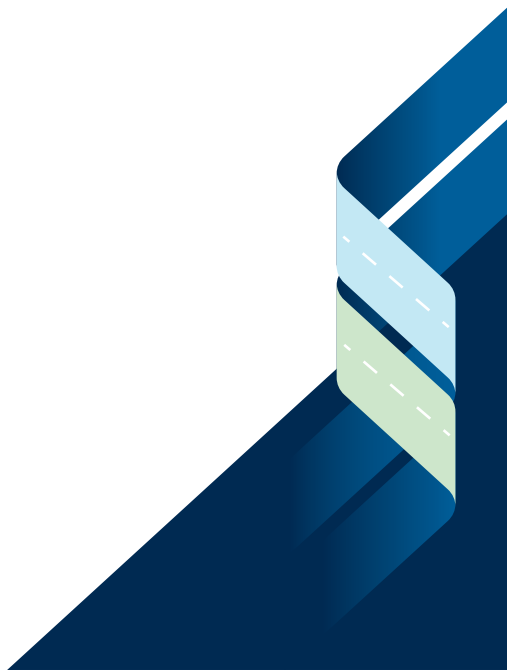
Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	120	253	18	0	391	11	19	2	0	32	1	3	1	0	5	0	0	0	0	0	3
07:15	117	261	15	0	393	6	21	1	0	28	0	1	0	0	1	0	0	0	0	0	6
07:30	134	256	7	0	397	4	15	0	0	19	2	2	0	0	4	0	0	0	0	0	0
07:45	105	258	2	0	365	7	18	0	0	25	0	1	0	0	1	0	0	0	0	0	3
08:00	95	279	4	0	378	4	24	0	0	28	0	2	1	0	3	0	0	0	0	0	0
08:15	102	274	2	0	378	8	19	0	0	27	2	3	0	0	5	0	0	0	0	0	3
08:30	79	284	7	0	370	6	18	0	0	24	0	6	0	0	6	0	0	0	0	0	5
08:45	88	249	10	0	347	4	23	3	0	30	0	4	0	0	4	0	0	0	0	0	0
09:00	79	259	12	0	350	6	18	0	0	24	1	2	0	0	3	0	0	0	0	0	0
09:15	87	247	10	1	345	7	30	0	0	37	0	7	0	0	7	0	0	0	0	0	2
09:30	77	235	12	0	324	7	30	1	0	38	0	1	0	0	1	0	0	0	0	0	1
09:45	68	215	16	0	299	5	18	0	0	23	0	1	0	0	1	0	0	0	0	0	2
SUBTOTAL	1151	3070	115	1	4337	75	253	7	0	335	6	33	2	0	41	0	0	0	0	0	25

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1946	5773	538	3	8260	133	423	39	0	595	6	65	3	0	74	0	0	0	0	0	92





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019

South Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	13	42	45	0	100	0	9	11	0	20	1	4	2	0	7	0	0	0	0	0	0
07:15	24	67	58	0	149	2	3	11	0	16	5	4	0	0	9	0	0	0	0	0	1
07:30	12	73	87	0	172	2	7	16	0	25	3	1	5	0	9	0	0	0	0	0	2
07:45	18	69	111	0	198	1	13	9	0	23	0	1	0	0	1	0	0	0	0	0	0
08:00	26	75	92	0	193	2	10	13	0	25	1	1	0	0	2	0	0	0	0	0	0
08:15	14	75	121	0	210	7	5	8	0	20	0	6	0	0	6	0	0	0	0	0	0
08:30	19	79	117	0	215	4	8	9	0	21	0	1	0	0	1	0	0	0	0	0	1
08:45	30	108	123	0	261	0	10	9	0	19	0	3	0	0	3	0	0	0	0	0	2
09:00	18	86	81	0	185	0	10	11	0	21	0	6	1	0	7	0	0	0	0	0	0
09:15	24	81	69	0	174	2	7	8	0	17	0	0	2	0	2	0	0	0	0	0	1
09:30	28	75	64	0	167	2	8	10	0	20	0	1	1	0	2	0	0	0	0	0	3
09:45	34	89	45	1	169	3	11	13	0	27	0	2	1	0	3	0	0	0	0	0	0
SUBTOTAL	260	919	1013	1	2193	25	101	128	0	254	10	30	12	0	52	0	0	0	0	0	10



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019

South Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	52	148	74	0	274	1	14	12	0	27	0	3	1	0	4	0	0	0	0	0	1
14:15	57	155	64	0	276	5	13	16	0	34	1	4	3	0	8	0	0	0	0	0	0
14:30	60	176	67	0	303	4	17	13	0	34	1	0	0	0	1	0	0	0	0	0	0
14:45	47	174	67	0	288	5	12	6	0	23	0	1	0	0	1	0	0	0	0	0	2
15:00	65	210	59	0	334	4	18	6	0	28	0	1	0	0	1	0	0	0	0	0	10
15:15	55	259	56	0	370	5	24	9	0	38	0	2	1	0	3	0	0	0	0	0	2
15:30	70	205	75	1	351	4	30	8	0	42	0	5	0	0	5	0	0	0	0	0	0
15:45	51	250	54	0	355	8	34	8	0	50	0	2	1	0	3	0	0	0	0	0	2
16:00	78	287	44	0	409	7	19	7	0	33	1	3	0	0	4	0	0	0	0	0	2
16:15	60	251	43	0	354	9	29	10	0	48	0	1	1	0	2	0	0	0	0	0	5
16:30	58	276	43	0	377	6	22	9	0	37	1	2	0	0	3	0	0	0	0	0	3
16:45	86	301	49	1	437	4	20	5	0	29	0	0	0	0	0	0	0	0	0	0	6
17:00	71	232	55	0	358	5	22	8	0	35	0	2	0	0	2	0	0	0	0	0	1
17:15	64	293	40	0	397	7	31	4	0	42	0	1	0	0	1	0	0	0	0	0	1
17:30	66	280	50	0	396	7	23	2	0	32	0	1	0	0	1	0	0	0	0	0	0
17:45	66	246	44	0	356	5	25	6	0	36	0	1	0	0	1	0	0	0	0	0	1
18:00	70	283	43	0	396	4	33	4	0	41	0	1	0	0	1	0	0	0	0	0	2
18:15	82	237	49	0	368	8	13	2	0	23	0	1	0	0	1	0	0	0	0	0	1
18:30	47	202	80	0	329	2	9	3	0	14	0	1	0	0	1	0	0	0	0	0	1
18:45	59	216	59	0	334	6	16	6	0	28	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	1264	4681	1115	2	7062	106	424	144	0	674	4	33	7	0	44	0	0	0	0	0	40

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1524	5600	2128	3	9255	131	525	272	0	928	14	63	19	0	96	0	0	0	0	0	50



Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1117	6635	2059	1	9812	134	731	151	0	1016	10	51	4	0	65	0	0	0	0	0	86





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 14, 2019

West Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	4	304	19	0	327	1	31	3	0	35	0	1	0	0	1	0	0	0	0	0	1
07:15	7	328	15	0	350	1	17	2	0	20	0	1	0	0	1	0	0	0	0	0	3
07:30	1	294	17	0	312	0	19	4	0	23	0	2	0	0	2	0	0	0	0	0	2
07:45	2	287	16	0	305	0	20	0	0	20	0	2	0	0	2	0	0	0	0	0	0
08:00	5	277	10	0	292	0	28	1	0	29	0	3	0	0	3	0	0	0	0	0	1
08:15	9	268	13	0	290	1	21	2	0	24	0	0	0	0	0	0	0	0	0	0	0
08:30	4	284	16	0	304	1	17	4	0	22	0	1	1	0	2	0	0	0	0	0	1
08:45	10	260	24	0	294	1	24	3	0	28	0	1	0	0	1	0	0	0	0	0	1
09:00	13	224	25	0	262	2	32	3	0	37	0	4	1	0	5	0	0	0	0	0	1
09:15	12	231	16	0	259	2	24	9	0	35	0	0	0	0	0	0	0	0	0	0	1
09:30	15	257	24	0	296	0	22	7	0	29	0	3	0	0	3	0	0	0	0	0	4
09:45	10	261	25	0	296	1	27	2	0	30	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	92	3275	220	0	3587	10	282	40	0	332	0	18	2	0	20	0	0	0	0	0	16

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↶		↑	↷	↶	↑		↷	↶	↑	↷			↶	↑	↷		
GRAND TOTAL	737	7649	686	1	9073	47	679	81	0	807	3	48	8	0	59	0	0	0	0	0	74





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 08:00:00
To: 09:00:00

Intersection: Weston Rd & Rutherford Rd
Site ID: 1936600124
Count Date: Nov 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

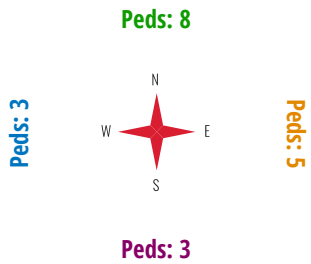
	Out	In	Total
	1473	505	1978
	109	45	154
	18	11	29
	0	0	0
Totals	1600	561	2161

	0	0	0	0
	1	15	2	0
	3	84	22	0
	23	1086	364	0
Totals	27	1185	388	0

East Approach

	Out	In	Total
	728	1906	2634
	114	151	265
	4	7	11
	0	0	0
Totals	846	2064	2910

				Totals
0	0	0	0	0
0	0	3	28	31
0	5	90	1089	1184
0	1	10	63	74



Totals				
0	0	0	0	0
149	140	9	0	0
554	474	78	2	0
143	114	27	2	0

West Approach

	Out	In	Total
	1180	586	1766
	103	94	197
	6	4	10
	0	0	0
Totals	1289	684	1973

Totals				
103	381	492	0	
	89	337	453	0
	13	33	39	0
	1	11	0	0
	0	0	0	0

South Approach

	Out	In	Total
	879	1263	2142
	85	121	206
	12	18	30
	0	0	0
Totals	976	1402	2378

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Rutherford Rd
Count Date: Nov 14, 2019
Period: 07:00 - 10:00

Peak Hour Data (08:00 - 09:00)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
08:00	99	305	5	0	0	409	29	86	105	0	0	220	36	128	34	0	0	198	5	308	11	0	1	324	1151
08:15	112	296	2	0	3	410	21	86	129	0	0	236	36	151	29	0	3	216	10	289	15	0	0	314	1176
08:30	85	308	7	0	5	400	23	88	126	0	1	237	37	144	38	0	1	219	5	302	21	0	1	328	1184
08:45	92	276	13	0	0	381	30	121	132	0	2	283	34	131	48	0	1	213	11	285	27	0	1	323	1200
Grand Total	388	1185	27	0	8	1600	103	381	492	0	3	976	143	554	149	0	5	846	31	1184	74	0	3	1289	4711
Approach %	24.3	74.1	1.7	0	-	-	10.6	39	50.4	0	-	-	16.9	65.5	17.6	0	-	-	2.4	91.9	5.7	0	-	-	
Totals %	8.2	25.2	0.6	0	34		2.2	8.1	10.4	0	20.7		3	11.8	3.2	0	18		0.7	25.1	1.6	0	27.4		
PHF	0.87	0.96	0.52	0	0.98		0.86	0.79	0.93	0	0.86		0.97	0.92	0.78	0	0.97		0.7	0.96	0.69	0	0.98	0.98	
Cars	364	1086	23	0	1473		89	337	453	0	879		114	474	140	0	728		28	1089	63	0	1180	4260	
% Cars	93.8	91.6	85.2	0	92.1		86.4	88.5	92.1	0	90.1		79.7	85.6	94	0	86.1		90.3	92	85.1	0	91.5	90.4	
Trucks	22	84	3	0	109		13	33	39	0	85		27	78	9	0	114		3	90	10	0	103	411	
% Trucks	5.7	7.1	11.1	0	6.8		12.6	8.7	7.9	0	8.7		18.9	14.1	6	0	13.5		9.7	7.6	13.5	0	8	8.7	
Buses	2	15	1	0	18		1	11	0	0	12		2	2	0	0	4		0	5	1	0	6	40	
% Buses	0.5	1.3	3.7	0	1.1		1	2.9	0	0	1.2		1.4	0.4	0	0	0.5		0	0.4	1.4	0	0.5	0.8	
Bicycles	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
% Bicycles	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
Peds					8	-					3	-					5	-					3	-	19
% Peds					42.1	-					15.8	-					26.3	-					15.8	-	

Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Weston Rd & Rutherford Rd
Site ID: 1936600124
Count Date: Nov 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

	Out	In	Total
	817	1595	2412
	37	123	160
	4	6	10
	0	0	0
Totals	858	1724	2582

	0	0	0	0
	0	4	0	0
	5	28	4	0
	98	572	145	2
Totals	103	604	149	2

East Approach

	Out	In	Total
	1583	1290	2873
	128	103	231
	5	4	9
	0	0	0
Totals	1716	1397	3113

				Totals
0	0	0	0	0
0	0	6	148	154
0	4	73	957	1034
0	1	5	117	123

Peds: 12

Peds: 6



Peds: 14

Peds: 11

Totals				
1	1	0	0	0
366	343	22	1	0
1197	1099	94	4	0
152	140	12	0	0

West Approach

	Out	In	Total
	1222	1476	2698
	84	121	205
	5	5	10
	0	0	0
Totals	1311	1602	2913

Totals				
302	1202	213	1	
	279	1102	187	1
	22	95	26	0
	1	5	0	0
	0	0	0	0

South Approach

	Out	In	Total
	1569	830	2399
	143	45	188
	6	5	11
	0	0	0
Totals	1718	880	2598

- Cars

- Trucks

- Buses

- Bicycles

Comments



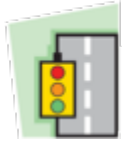
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Rutherford Rd
Count Date: Nov 14, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	27	140	27	2	6	196	65	300	52	0	3	417	38	315	98	0	6	451	41	254	34	0	0	329	1393
16:45	44	169	21	0	2	234	90	321	54	1	6	466	36	267	91	1	2	395	36	246	36	0	4	318	1413
17:00	42	145	24	0	3	211	76	256	63	0	1	395	41	310	96	0	3	447	35	283	31	0	2	349	1402
17:15	36	150	31	0	1	217	71	325	44	0	1	440	37	305	81	0	3	423	42	251	22	0	0	315	1395
Grand Total	149	604	103	2	12	858	302	1202	213	1	11	1718	152	1197	366	1	14	1716	154	1034	123	0	6	1311	5603
Approach %	17.4	70.4	12	0.2	-	-	17.6	70	12.4	0.1	-	-	8.9	69.8	21.3	0.1	-	-	11.7	78.9	9.4	0	-	-	-
Totals %	2.7	10.8	1.8	0	15.3	-	5.4	21.5	3.8	0	30.7	-	2.7	21.4	6.5	0	30.6	-	2.7	18.5	2.2	0	23.4	-	-
PHF	0.85	0.89	0.83	0.25	0.92	0.92	0.84	0.92	0.85	0.25	0.92	0.92	0.93	0.95	0.93	0.25	0.95	0.95	0.92	0.91	0.85	0	0.94	0.94	0.99
Cars	145	572	98	2	817	-	279	1102	187	1	1569	-	140	1099	343	1	1583	-	148	957	117	0	1222	5191	
% Cars	97.3	94.7	95.1	100	95.2	-	92.4	91.7	87.8	100	91.3	-	92.1	91.8	93.7	100	92.2	-	96.1	92.6	95.1	0	93.2	92.6	
Trucks	4	28	5	0	37	-	22	95	26	0	143	-	12	94	22	0	128	-	6	73	5	0	84	392	
% Trucks	2.7	4.6	4.9	0	4.3	-	7.3	7.9	12.2	0	8.3	-	7.9	7.9	6	0	7.5	-	3.9	7.1	4.1	0	6.4	7	
Buses	0	4	0	0	4	-	1	5	0	0	6	-	0	4	1	0	5	-	0	4	1	0	5	20	
% Buses	0	0.7	0	0	0.5	-	0.3	0.4	0	0	0.3	-	0	0.3	0.3	0	0.3	-	0	0.4	0.8	0	0.4	0.4	
Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	
% Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	
Peds					12	-					11	-					14	-					6	-	43
% Peds					27.9	-					25.6	-					32.6	-					14	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

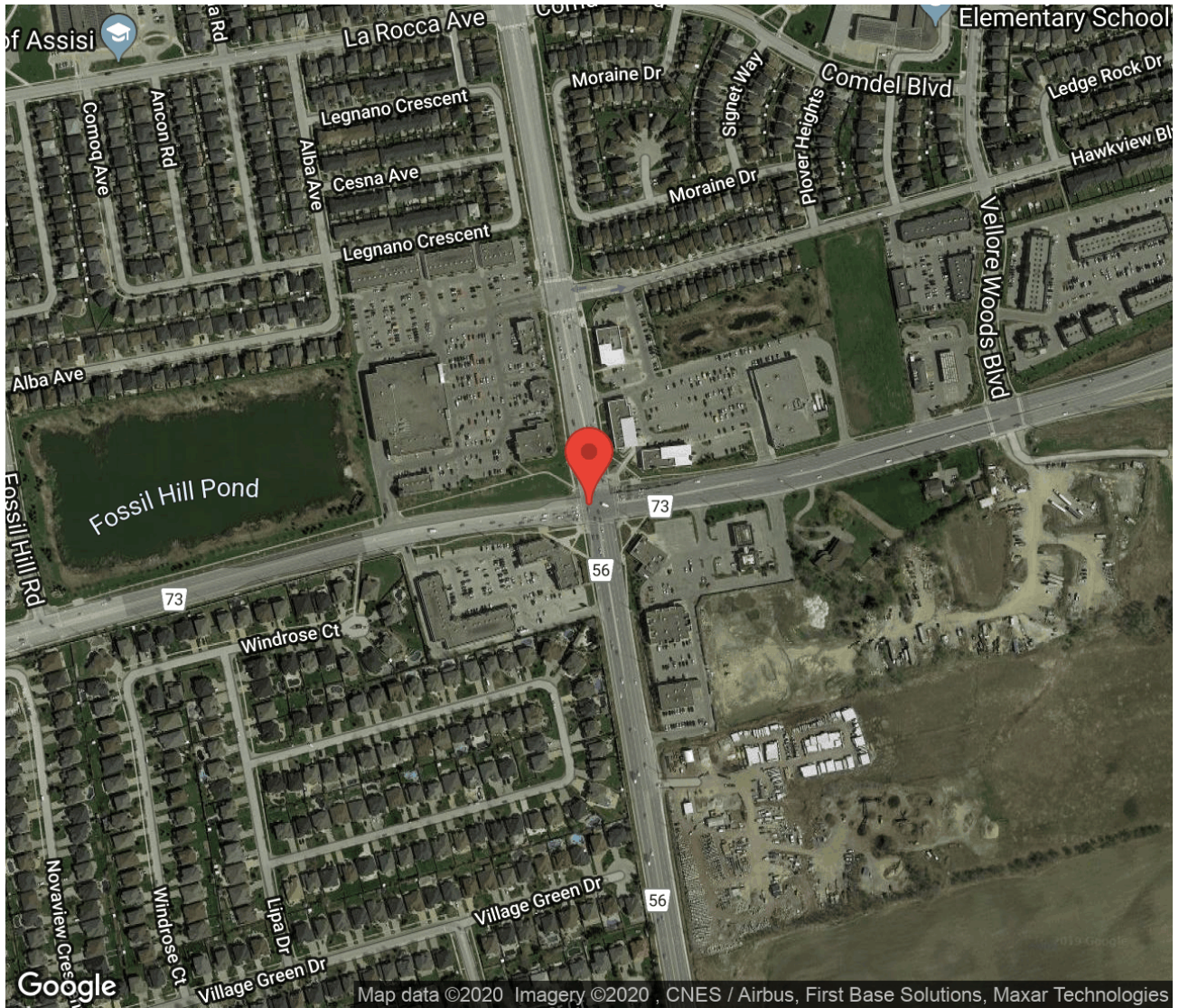
Intersection Count Report

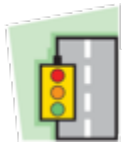
Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600125
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019





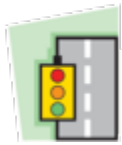
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

- Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	256	758	103	0	1117	6	221	750	313	0	1284	5
12:00 - 13:00	241	818	108	0	1167	14	245	924	364	0	1533	8
13:00 - 14:00	262	728	99	0	1089	9	268	805	345	2	1420	5
14:00 - 15:00	237	686	108	0	1031	22	281	924	360	4	1569	5
15:00 - 16:00	264	691	93	0	1048	9	260	847	323	0	1430	10
16:00 - 17:00	258	609	98	0	965	7	241	762	335	1	1339	11
17:00 - 18:00	285	556	84	1	926	9	261	715	314	2	1292	8
18:00 - 19:00	260	480	71	0	811	4	210	680	283	1	1174	1
GRAND TOTAL	2063	5326	764	1	8154	80	1987	6407	2637	10	1104	53



Traffic Count Summary

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

- Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	226	830	308	0	1364	4	152	1146	170	0	1468	12
12:00 - 13:00	243	848	346	0	1437	5	132	1103	148	0	1383	11
13:00 - 14:00	231	1001	356	0	1588	7	123	1177	124	0	1424	10
14:00 - 15:00	205	988	344	0	1537	12	134	1195	112	0	1441	17
15:00 - 16:00	207	1046	330	0	1583	10	107	1181	109	0	1397	17
16:00 - 17:00	201	1110	366	0	1677	16	110	1148	114	0	1372	9
17:00 - 18:00	214	1070	370	0	1654	11	114	1106	118	0	1338	15
18:00 - 19:00	223	1038	349	1	1611	0	128	1160	119	1	1408	4
GRAND TOTAL	1750	7931	2769	1	1245	65	1000	9216	1014	1	1123	95



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	58	151	28	0	237	2	9	1	0	12	0	1	0	0	1	0	0	0	0	0	2
16:30	66	143	18	0	227	1	8	2	0	11	0	1	0	0	1	0	0	0	0	0	2
16:45	62	122	21	0	205	3	11	1	0	15	1	0	0	0	1	0	0	0	0	0	3
17:00	53	115	19	1	188	3	6	1	0	10	0	0	0	0	0	0	0	0	0	0	8
17:15	80	127	19	0	226	2	10	0	0	12	0	1	0	0	1	0	0	0	0	0	0
17:30	70	139	22	0	231	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0
17:45	67	144	22	0	233	8	7	1	0	16	0	1	0	0	1	0	0	0	0	0	1
18:00	63	131	15	0	209	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3
18:15	57	143	19	0	219	4	8	1	0	13	0	1	0	0	1	0	0	0	0	0	0
18:30	61	85	20	0	166	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	1
18:45	70	100	16	0	186	2	7	0	0	9	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1974	4987	720	1	7682	88	327	44	0	459	1	12	0	0	13	0	0	0	0	0	80
GRAND TOTAL	1974	4987	720	1	7682	88	327	44	0	459	1	12	0	0	13	0	0	0	0	0	80



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	58	184	70	0	312	1	5	4	0	10	0	0	0	0	0	0	0	0	0	0	2
11:15	49	185	73	0	307	2	6	4	0	12	0	1	0	0	1	0	0	0	0	0	0
11:30	49	164	84	0	297	1	15	10	0	26	0	0	0	0	0	0	0	0	0	0	3
11:45	53	175	60	0	288	8	15	8	0	31	0	0	0	0	0	0	0	0	0	0	0
12:00	43	219	88	0	350	5	14	10	0	29	0	1	0	0	1	0	0	0	0	0	1
12:15	68	221	88	0	377	3	9	9	0	21	0	0	0	0	0	0	0	0	0	0	1
12:30	54	223	84	0	361	6	15	7	0	28	0	0	0	0	0	0	0	0	0	0	3
12:45	60	209	69	0	338	6	12	9	0	27	0	1	0	0	1	0	0	0	0	0	3
13:00	64	188	79	0	331	3	14	3	0	20	0	0	0	0	0	0	0	0	0	0	0
13:15	71	188	85	0	344	3	7	7	0	17	0	1	0	0	1	0	0	0	0	0	4
13:30	57	199	75	2	333	3	15	6	0	24	0	0	0	0	0	0	0	0	0	0	0
13:45	64	182	82	0	328	3	11	8	0	22	0	0	0	0	0	0	0	0	0	0	1
14:00	61	200	72	1	334	6	15	3	0	24	0	1	0	0	1	0	0	0	0	0	3
14:15	66	246	76	1	389	4	8	4	0	16	0	0	0	0	0	0	0	0	0	0	0
14:30	70	234	104	0	408	3	7	9	0	19	0	0	0	0	0	0	0	0	0	0	1
14:45	63	206	79	2	350	8	6	13	0	27	0	1	0	0	1	0	0	0	0	0	1
15:00	58	193	88	0	339	6	9	4	0	19	0	0	1	0	1	0	0	0	0	0	1
15:15	62	194	65	0	321	4	5	3	0	12	0	0	0	0	0	0	0	0	0	0	2
15:30	65	214	73	0	352	5	11	4	0	20	0	1	0	0	1	0	0	0	0	0	1
15:45	55	207	82	0	344	5	12	3	0	20	0	1	0	0	1	0	0	0	0	0	6
16:00	58	209	79	0	346	5	7	4	0	16	0	1	0	0	1	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	39	264	36	0	339	1	25	6	0	32	0	0	0	0	0	0	0	0	0	0	5
11:15	49	278	53	0	380	0	15	4	0	19	0	2	0	0	2	0	0	0	0	0	1
11:30	25	275	30	0	330	3	14	2	0	19	0	1	0	0	1	0	0	0	0	0	1
11:45	34	253	38	0	325	1	18	1	0	20	0	1	0	0	1	0	0	0	0	0	5
12:00	32	271	33	0	336	1	13	4	0	18	0	0	0	0	0	0	0	0	0	0	3
12:15	28	267	33	0	328	1	14	4	0	19	0	1	0	0	1	0	0	0	0	0	4
12:30	26	243	35	0	304	1	13	5	0	19	0	0	0	0	0	0	0	0	0	0	2
12:45	42	265	31	0	338	1	15	3	0	19	0	1	0	0	1	0	0	0	0	0	2
13:00	29	289	40	0	358	1	13	4	0	18	0	0	0	0	0	0	0	0	0	0	4
13:15	28	278	29	0	335	3	14	3	0	20	0	2	0	0	2	0	0	0	0	0	4
13:30	29	266	19	0	314	1	22	4	0	27	0	0	0	0	0	0	0	0	0	0	1
13:45	30	278	21	0	329	2	14	4	0	20	0	1	0	0	1	0	0	0	0	0	1
14:00	31	298	32	0	361	3	14	3	0	20	0	0	0	0	0	0	0	0	0	0	4
14:15	35	261	27	0	323	2	22	2	0	26	0	1	0	0	1	0	0	0	0	0	3
14:30	29	268	26	0	323	1	16	0	0	17	0	1	0	0	1	0	0	0	0	0	6
14:45	29	290	18	0	337	4	24	4	0	32	0	0	0	0	0	0	0	0	0	0	4
15:00	27	278	21	0	326	0	10	3	0	13	0	1	0	0	1	0	0	0	0	0	2
15:15	32	288	25	0	345	1	18	1	0	20	0	0	0	0	0	0	0	0	0	0	4
15:30	19	264	31	0	314	3	24	2	0	29	0	1	1	0	2	0	0	0	0	0	8
15:45	25	281	24	0	330	0	16	1	0	17	0	0	0	0	0	0	0	0	0	0	3
16:00	28	289	28	0	345	3	16	0	0	19	0	1	0	0	1	0	0	0	0	0	4



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Weston Rd & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	32	240	28	0	300	0	9	4	0	13	0	0	0	0	0	0	0	0	0	0	3
16:30	27	288	23	0	338	2	23	1	0	26	0	2	0	0	2	0	0	0	0	0	0
16:45	17	266	24	0	307	1	14	6	0	21	0	0	0	0	0	0	0	0	0	0	2
17:00	31	277	23	0	331	1	10	2	0	13	0	1	0	0	1	0	0	0	0	0	2
17:15	28	248	30	0	306	2	11	1	0	14	0	1	0	0	1	0	0	0	0	0	7
17:30	21	244	31	0	296	2	11	2	0	15	0	0	0	0	0	0	0	0	0	0	1
17:45	28	295	28	0	351	1	7	1	0	9	0	1	0	0	1	0	0	0	0	0	5
18:00	28	304	28	0	360	2	11	2	0	15	0	0	0	0	0	0	0	0	0	0	1
18:15	37	319	31	1	388	1	7	3	0	11	0	1	0	0	1	0	0	0	0	0	1
18:30	23	271	28	0	322	0	6	1	0	7	0	0	0	0	0	0	0	0	0	0	2
18:45	36	234	24	0	294	1	6	2	0	9	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	954	8730	928	1	10613	46	465	85	0	596	0	21	1	0	22	0	0	0	0	0	95
GRAND TOTAL	954	8730	928	1	10613	46	465	85	0	596	0	21	1	0	22	0	0	0	0	0	95



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:15:00
To: 13:15:00

Intersection: Weston Rd & Rutherford Rd
Site ID: 1936600125
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

	Out	In	Total
	1044	1296	2340
	69	78	147
	2	2	4
	0	0	0
Totals	1115	1376	2491

	0	0	0	0
	0	2	0	0
	7	53	9	0
	92	715	237	0
Totals	99	770	246	0

East Approach

	Out	In	Total
	1463	1621	3084
	108	92	200
	4	2	6
	0	0	0
Totals	1575	1715	3290

					Totals
	0	0	0	0	0
	0	0	4	125	129
	0	2	55	1064	1121
	0	0	16	139	155

Peds: 11

Peds: 12



Peds: 3

Peds: 7

Totals				
0	0	0	0	0
355	330	24	1	0
976	904	69	3	0
244	229	15	0	0

West Approach

	Out	In	Total
	1328	1242	2570
	75	94	169
	2	3	5
	0	0	0
Totals	1405	1339	2744

Totals				
264	892	348	0	
	246	841	320	0
	18	50	28	0
	0	1	0	0
	0	0	0	0

South Approach

	Out	In	Total
	1407	1083	2490
	96	84	180
	1	2	3
	0	0	0
Totals	1504	1169	2673

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Rutherford Rd
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (12:15 - 13:15)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:15	60	194	25	0	1	279	71	230	97	0	1	398	58	240	92	0	1	390	29	282	37	0	4	348	1415
12:30	64	202	26	0	2	292	60	238	91	0	3	389	67	222	85	0	0	374	27	256	40	0	2	323	1378
12:45	53	195	25	0	6	273	66	222	78	0	3	366	63	241	88	0	2	392	43	281	34	0	2	358	1389
13:00	69	179	23	0	2	271	67	202	82	0	0	351	56	273	90	0	0	419	30	302	44	0	4	376	1417
Grand Total	246	770	99	0	11	1115	264	892	348	0	7	1504	244	976	355	0	3	1575	129	1121	155	0	12	1405	5599
Approach %	22.1	69.1	8.9	0	-	-	17.6	59.3	23.1	0	-	-	15.5	62	22.5	0	-	-	9.2	79.8	11	0	-	-	
Totals %	4.4	13.8	1.8	0	19.9		4.7	15.9	6.2	0	26.9		4.4	17.4	6.3	0	28.1		2.3	20	2.8	0	25.1		
PHF	0.89	0.95	0.95	0	0.95		0.93	0.94	0.9	0	0.94		0.91	0.89	0.96	0	0.94		0.75	0.93	0.88	0	0.93	0.99	
Cars	237	715	92	0	1044		246	841	320	0	1407		229	904	330	0	1463		125	1064	139	0	1328	5242	
% Cars	96.3	92.9	92.9	0	93.6		93.2	94.3	92	0	93.6		93.9	92.6	93	0	92.9		96.9	94.9	89.7	0	94.5	93.6	
Trucks	9	53	7	0	69		18	50	28	0	96		15	69	24	0	108		4	55	16	0	75	348	
% Trucks	3.7	6.9	7.1	0	6.2		6.8	5.6	8	0	6.4		6.1	7.1	6.8	0	6.9		3.1	4.9	10.3	0	5.3	6.2	
Buses	0	2	0	0	2		0	1	0	0	1		0	3	1	0	4		0	2	0	0	2	9	
% Buses	0	0.3	0	0	0.2		0	0.1	0	0	0.1		0	0.3	0.3	0	0.3		0	0.2	0	0	0.1	0.2	
Bicycles	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
% Bicycles	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
Peds					11	-					7	-					3	-					12	-	33
% Peds					33.3	-					21.2	-					9.1	-					36.4	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:00:00
To: 15:00:00

Intersection: Weston Rd & Rutherford Rd
Site ID: 1936600125
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

	Out	In	Total
	964	1332	2296
	66	68	134
	1	2	3
	0	0	0
Totals	1031	1402	2433

	0	0	0	0
	0	1	0	0
	6	46	14	0
	102	639	223	0
Totals	108	686	237	0

East Approach

	Out	In	Total
	1425	1671	3096
	110	119	229
	2	2	4
	0	0	0
Totals	1537	1792	3329

					Totals
	0	0	0	0	0
	0	0	10	124	134
	0	2	76	1117	1195
	0	0	9	103	112

Peds: 22



Totals				
0	0	0	0	0
344	322	22	0	0
988	912	74	2	0
205	191	14	0	0

West Approach

	Out	In	Total
	1344	1274	2618
	95	101	196
	2	2	4
	0	0	0
Totals	1441	1377	2818

Totals				
281	260	886	331	4
924	21	36	29	0
360	0	2	0	0
4	0	0	0	0

South Approach

	Out	In	Total
	1481	937	2418
	86	69	155
	2	1	3
	0	0	0
Totals	1569	1007	2576

- Cars

- Trucks

- Buses

- Bicycles

Comments



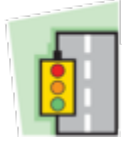
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Weston Rd & Rutherford Rd
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:00 - 15:00)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
14:00	63	188	32	0	7	283	67	216	75	1	3	359	50	229	89	0	4	368	34	312	35	0	4	381	1391
14:15	56	172	24	0	5	252	70	254	80	1	0	405	52	250	70	0	2	372	37	284	29	0	3	350	1379
14:30	59	175	22	0	3	256	73	241	113	0	1	427	49	262	79	0	3	390	30	285	26	0	6	341	1414
14:45	59	151	30	0	7	240	71	213	92	2	1	378	54	247	106	0	3	407	33	314	22	0	4	369	1394
Grand Total	237	686	108	0	22	1031	281	924	360	4	5	1569	205	988	344	0	12	1537	134	1195	112	0	17	1441	5578
Approach %	23	66.5	10.5	0	-	-	17.9	58.9	22.9	0.3	-	-	13.3	64.3	22.4	0	-	-	9.3	82.9	7.8	0	-	-	-
Totals %	4.2	12.3	1.9	0	-	18.5	5	16.6	6.5	0.1	-	28.1	3.7	17.7	6.2	0	-	27.6	2.4	21.4	2	0	-	25.8	-
PHF	0.94	0.91	0.84	0	0.91	0.91	0.96	0.91	0.8	0.5	0.92	0.95	0.94	0.81	0	0.94	0.91	0.95	0.8	0	0.95	0.99	0.99		
Cars	223	639	102	0	-	964	260	886	331	4	-	1481	191	912	322	0	-	1425	124	1117	103	0	-	1344	5214
% Cars	94.1	93.1	94.4	0	-	93.5	92.5	95.9	91.9	100	-	94.4	93.2	92.3	93.6	0	-	92.7	92.5	93.5	92	0	-	93.3	93.5
Trucks	14	46	6	0	-	66	21	36	29	0	-	86	14	74	22	0	-	110	10	76	9	0	-	95	357
% Trucks	5.9	6.7	5.6	0	-	6.4	7.5	3.9	8.1	0	-	5.5	6.8	7.5	6.4	0	-	7.2	7.5	6.4	8	0	-	6.6	6.4
Buses	0	1	0	0	-	1	0	2	0	0	-	2	0	2	0	0	-	2	0	2	0	0	-	2	7
% Buses	0	0.1	0	0	-	0.1	0	0.2	0	0	-	0.1	0	0.2	0	0	-	0.1	0	0.2	0	0	-	0.1	0.1
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	22	-	-	-	-	-	5	-	-	-	-	-	12	-	-	-	-	-	17	-	56
% Peds	-	-	-	-	39.3	-	-	-	-	-	8.9	-	-	-	-	-	21.4	-	-	-	-	-	30.4	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

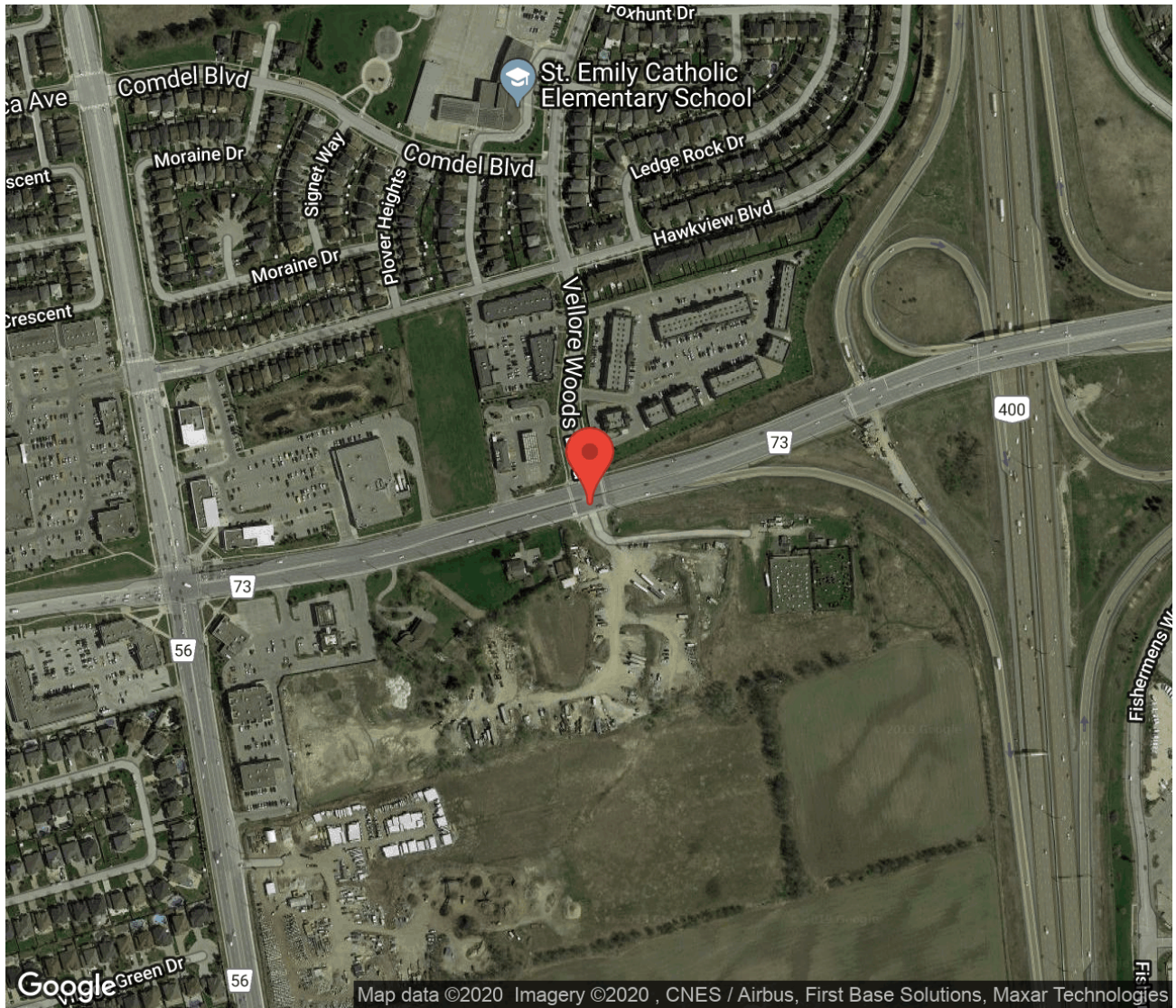
Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019
Site Code: 1936600126
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

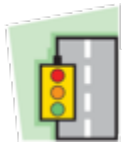


Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Map

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019





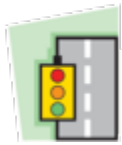
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

- Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	641	3	8	0	652	0	2	0	11	0	13	0
08:00 - 09:00	635	4	13	0	652	1	0	0	5	0	5	1
09:00 - 10:00	446	0	24	0	470	0	0	0	0	0	0	0
BREAK												
14:00 - 15:00	244	0	43	0	287	1	2	1	0	0	3	1
15:00 - 16:00	229	1	57	0	287	0	1	0	2	0	3	2
16:00 - 17:00	261	0	48	0	309	3	1	1	4	0	6	4
17:00 - 18:00	265	0	42	0	307	5	1	0	0	0	1	0
18:00 - 19:00	307	1	53	0	361	2	0	4	0	0	4	2
GRAND TOTAL	3028	9	288	0	3325	12	7	6	22	0	35	10



Traffic Count Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
 Municipality: Vaughan
 Count Date: Nov 14, 2019

- Traffic Summary

Hour	East Approach Totals						West Approach Totals						
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	1	797	89	1	888	0	23	2193	3	0	2219	4	
08:00 - 09:00	1	851	149	5	1006	0	35	2175	1	0	2211	1	
09:00 - 10:00	0	741	126	1	868	0	66	1744	0	0	1810	3	
BREAK													
14:00 - 15:00	1	1489	297	2	1789	0	63	1392	0	0	1455	1	
15:00 - 16:00	4	1756	439	7	2206	0	58	1418	0	0	1476	3	
16:00 - 17:00	2	1786	545	11	2344	1	54	1448	0	1	1503	3	
17:00 - 18:00	1	1746	1604	6	3357	0	79	1478	3	0	1560	2	
18:00 - 19:00	1	1701	468	5	2175	0	80	1390	0	1	1471	1	
GRAND TOTAL	11	1086	7	3717	38	3	1	458	8	7	2	1370	18



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	126	1	4	0	131	14	1	0	0	15	1	0	0	0	1	0	0	0	0	0	0
07:15	161	0	1	0	162	13	0	1	0	14	1	0	0	0	1	0	0	0	0	0	0
07:30	122	0	2	0	124	8	0	0	0	8	2	0	0	0	2	0	0	0	0	0	0
07:45	185	1	0	0	186	7	0	0	0	7	1	0	0	0	1	0	0	0	0	0	0
08:00	146	0	1	0	147	9	0	0	0	9	1	0	0	0	1	0	0	0	0	0	0
08:15	161	2	1	0	164	9	0	0	0	9	1	0	0	0	1	1	0	0	0	1	0
08:30	150	1	5	0	156	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	1
08:45	144	1	6	0	151	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
09:00	126	0	10	0	136	10	0	0	0	10	2	0	0	0	2	0	0	0	0	0	0
09:15	109	0	5	0	114	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
09:30	100	0	5	0	105	4	0	0	0	4	1	0	0	0	1	0	0	0	0	0	0
09:45	83	0	4	0	87	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1613	6	44	0	1663	97	1	1	0	99	11	0	0	0	11	1	0	0	0	1	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

North Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	57	0	11	0	68	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
14:15	57	0	8	0	65	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0
14:30	51	0	11	0	62	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
14:45	69	0	13	0	82	1	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0
15:00	49	0	15	0	64	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1
15:15	52	0	11	0	63	6	0	1	0	7	1	0	1	0	2	0	0	0	0	0	0
15:30	59	0	13	0	72	3	0	1	0	4	1	0	0	0	1	0	0	0	0	0	0
15:45	56	1	11	0	68	0	0	3	0	3	1	0	0	0	1	0	0	0	0	0	0
16:00	70	0	12	0	82	8	0	1	0	9	0	0	0	0	0	0	0	0	0	0	1
16:15	47	0	15	0	62	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	1
16:30	65	0	8	0	73	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0
16:45	63	0	10	0	73	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	1
17:00	69	0	7	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17:15	57	0	10	0	67	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0
17:30	55	0	10	0	65	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
17:45	72	0	15	0	87	5	0	0	0	5	1	0	0	0	1	0	0	0	0	0	3
18:00	81	0	12	0	93	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	1
18:15	63	0	10	0	73	4	0	0	0	4	1	0	0	0	1	0	0	0	0	0	1
18:30	72	0	14	0	86	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
18:45	74	1	13	0	88	3	0	3	0	6	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	1238	2	229	0	1469	55	0	13	0	68	12	0	1	0	13	1	0	0	0	1	11

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	2851	8	273	0	3132	152	1	14	0	167	23	0	1	0	24	2	0	0	0	2	12



Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	6	3	9	0	18	1	2	13	0	16	0	1	0	0	1	0	0	0	0	0	10





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

East Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	153	19	0	173	0	22	1	0	23	0	3	2	0	5	0	0	0	0	0	0
07:15	0	186	16	0	202	0	22	0	0	22	0	3	0	0	3	0	0	0	0	0	0
07:30	0	175	19	1	195	0	21	2	0	23	0	2	1	0	3	0	0	0	0	0	0
07:45	0	185	20	0	205	0	23	7	0	30	0	2	2	0	4	0	0	0	0	0	0
08:00	0	187	32	2	221	0	35	2	0	37	0	0	0	0	0	0	0	0	0	0	0
08:15	0	168	37	1	206	0	25	2	0	27	0	1	0	0	1	0	0	0	0	0	0
08:30	0	208	31	1	240	0	28	2	0	30	0	1	1	0	2	0	0	0	0	0	0
08:45	0	168	38	0	206	1	27	4	1	33	0	3	0	0	3	0	0	0	0	0	0
09:00	0	173	34	0	207	0	27	5	0	32	0	1	0	0	1	0	0	0	0	0	0
09:15	0	125	25	0	150	0	23	1	0	24	0	5	0	0	5	0	0	0	0	0	0
09:30	0	156	18	0	174	0	30	4	0	34	0	4	0	0	4	0	0	0	0	0	0
09:45	0	158	35	1	194	0	38	4	0	42	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	1	2042	324	6	2373	1	321	34	1	357	0	26	6	0	32	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

East Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	288	54	0	342	0	39	3	0	42	0	0	1	0	1	0	0	0	0	0	0
14:15	0	306	60	1	367	0	43	6	0	49	0	1	0	0	1	0	0	0	0	0	0
14:30	0	388	80	1	469	0	36	2	0	38	0	5	2	0	7	0	0	0	0	0	0
14:45	0	330	83	0	413	1	49	5	0	55	0	4	1	0	5	0	0	0	0	0	0
15:00	1	399	91	1	492	0	43	6	0	49	0	4	2	0	6	0	0	0	0	0	0
15:15	0	411	102	2	515	1	46	7	0	54	0	0	1	0	1	0	0	0	0	0	0
15:30	0	408	104	1	513	0	44	4	0	48	0	3	2	0	5	0	0	0	0	0	0
15:45	1	348	108	1	458	1	49	12	2	64	0	1	0	0	1	0	0	0	0	0	0
16:00	0	394	114	1	509	2	44	4	1	51	0	2	1	0	3	0	0	0	0	0	0
16:15	0	433	146	2	581	0	50	6	1	57	0	3	1	0	4	0	0	0	0	0	0
16:30	0	384	107	2	493	0	40	5	1	46	0	2	1	0	3	0	0	0	0	0	1
16:45	0	403	142	3	548	0	31	17	0	48	0	0	0	0	0	0	0	1	0	1	0
17:00	0	402	1131	0	1533	0	31	5	0	36	0	1	1	0	2	0	0	0	0	0	0
17:15	0	412	149	3	564	0	28	3	0	31	0	1	0	0	1	0	0	0	0	0	0
17:30	0	417	147	1	565	1	26	5	0	32	0	0	0	0	0	0	0	0	0	0	0
17:45	0	405	156	1	562	0	21	7	1	29	0	2	0	0	2	0	0	0	0	0	0
18:00	1	392	112	3	508	0	32	8	0	40	0	2	1	0	3	0	0	0	0	0	0
18:15	0	435	151	0	586	0	24	3	0	27	0	0	0	0	0	0	0	0	0	0	0
18:30	0	407	101	1	509	0	21	5	1	27	0	1	1	0	2	0	0	0	0	0	0
18:45	0	367	80	0	447	0	20	6	0	26	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	7729	3218	24	1097	6	717	119	7	849	0	32	15	0	47	0	0	1	0	1	1

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↻		↶	↑	↷	↻		↶	↑	↷	↻							
GRAND TOTAL	4	9771	3542	30	13347	7	1038	153	8	1206	0	58	21	0	79	0	0	1	0	1	1





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 14, 2019

West Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	8	372	2	0	382	1	56	0	0	57	0	3	0	0	3	0	0	0	0	0	1
07:15	3	584	1	0	588	0	44	0	0	44	0	0	0	0	0	0	0	0	0	0	0
07:30	5	567	0	0	572	3	42	0	0	45	0	9	0	0	9	0	0	0	0	0	0
07:45	3	473	0	0	476	0	41	0	0	41	0	2	0	0	2	0	0	0	0	0	3
08:00	4	547	0	0	551	1	42	0	0	43	0	3	0	0	3	0	0	0	0	0	0
08:15	7	494	1	0	502	0	37	0	0	37	0	2	0	0	2	0	0	0	0	0	0
08:30	5	514	0	0	519	1	40	0	0	41	0	1	0	0	1	0	0	0	0	0	1
08:45	16	461	0	0	477	0	32	0	0	32	1	2	0	0	3	0	0	0	0	0	0
09:00	11	386	0	0	397	0	51	0	0	51	0	6	0	0	6	0	0	0	0	0	1
09:15	21	399	0	0	420	4	36	0	0	40	0	1	0	0	1	0	0	0	0	0	1
09:30	16	376	0	0	392	1	35	0	0	36	0	5	0	0	5	0	0	0	0	0	0
09:45	13	400	0	0	413	0	48	0	0	48	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	112	5573	4	0	5689	11	504	0	0	515	1	35	0	0	36	0	0	0	0	0	8

Start Time	Cars					Trucks					Buses					Total Peds					
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total						
GRAND TOTAL	423	12097	5	2	12527	34	1069	1	0	1104	1	72	1	0	74	0	0	0	0	0	18



Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00

Intersection: Rutherford Rd & Vellore Woods Blvd
Site ID: 1936600126
Count Date: Nov 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

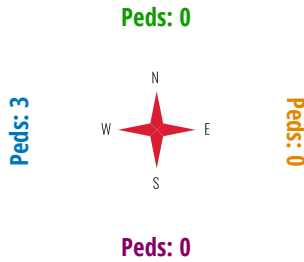
	Out	In	Total
	619	102	721
	38	15	53
	5	3	8
	0	0	0
Totals	662	120	782

	0	0	0	0
	0	0	5	0
	1	0	37	0
	4	1	614	0
Totals	5	1	656	0

East Approach

	Out	In	Total
	823	2791	3614
	112	208	320
	10	19	29
	0	0	0
Totals	945	3018	3963

				Totals
0	0	0	0	0
0	0	4	15	19
0	14	169	2171	2354
0	0	0	1	1



Totals				
3	3	0	0	0
101	87	11	3	0
841	733	101	7	0
0	0	0	0	0

West Approach

	Out	In	Total
	2187	737	2924
	173	102	275
	14	7	21
	0	0	0
Totals	2374	846	3220

Totals	0	0	5	0
	0	0	3	0
	0	0	2	0
	0	0	0	0
	0	0	0	0

South Approach

	Out	In	Total
	3	2	5
	2	0	2
	0	0	0
	0	0	0
Totals	5	2	7

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Count Date: Nov 14, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	175	0	2	0	0	177	0	0	1	0	0	1	0	211	16	0	0	227	3	628	1	0	0	632	1037
07:30	132	0	2	0	0	134	0	0	2	0	0	2	0	198	22	1	0	221	8	618	0	0	0	626	983
07:45	193	1	0	0	0	194	0	0	2	0	0	2	0	210	29	0	0	239	3	516	0	0	3	519	954
08:00	156	0	1	0	0	157	0	0	0	0	0	0	0	222	34	2	0	258	5	592	0	0	0	597	1012
Grand Total	656	1	5	0	0	662	0	0	5	0	0	5	0	841	101	3	0	945	19	2354	1	0	3	2374	3986
Approach %	99.1	0.2	0.8	0	-	-	0	0	100	0	-	-	0	89	10.7	0.3	-	-	0.8	99.2	0	0	-	-	-
Totals %	16.5	0	0.1	0	-	16.6	0	0	0.1	0	-	0.1	0	21.1	2.5	0.1	-	23.7	0.5	59.1	0	0	-	59.6	-
PHF	0.85	0.25	0.63	0	0	0.85	0	0	0.63	0	0	0.63	0	0.95	0.74	0.38	0	0.92	0.59	0.94	0.25	0	0	0.94	0.96
Cars	614	1	4	0	-	619	0	0	3	0	-	3	0	733	87	3	-	823	15	2171	1	0	-	2187	3632
% Cars	93.6	100	80	0	-	93.5	0	0	60	0	-	60	0	87.2	86.1	100	-	87.1	78.9	92.2	100	0	-	92.1	91.1
Trucks	37	0	1	0	-	38	0	0	2	0	-	2	0	101	11	0	-	112	4	169	0	0	-	173	325
% Trucks	5.6	0	20	0	-	5.7	0	0	40	0	-	40	0	12	10.9	0	-	11.9	21.1	7.2	0	0	-	7.3	8.2
Buses	5	0	0	0	-	5	0	0	0	0	-	0	0	7	3	0	-	10	0	14	0	0	-	14	29
% Buses	0.8	0	0	0	-	0.8	0	0	0	0	-	0	0	0.8	3	0	-	1.1	0	0.6	0	0	-	0.6	0.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds					0	-				0	-						-						3	-	3
% Peds					0	-				0	-						-						100	-	-

Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:45:00
To: 17:45:00

Intersection: Rutherford Rd & Vellore Woods Blvd
Site ID: 1936600126
Count Date: Nov 14, 2019

Weather conditions:

** Signalized Intersection **

Major Road: runs E/W

North Approach

	Out	In	Total
	281	1638	1919
	9	35	44
	1	1	2
	0	1	1
Totals	291	1675	1966

	0	0	0	0
	0	0	1	0
	2	0	7	0
	37	0	244	0
Totals	39	0	252	0

East Approach

	Out	In	Total
	3210	1679	4889
	147	85	232
	3	4	7
	1	0	1
Totals	3361	1768	5129

				Totals
0	0	0	0	0
0	0	5	69	74
0	3	78	1428	1509
0	0	1	1	2

Peds: 3



Totals				
7	7	0	0	0
1601	1569	30	1	1
1752	1634	116	2	0
1	0	1	0	0

West Approach

	Out	In	Total
	1498	1673	3171
	84	118	202
	3	2	5
	0	0	0
Totals	1585	1793	3378

Totals				
	2	0	0	0
	2	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

South Approach

	Out	In	Total
	2	1	3
	0	2	2
	0	0	0
	0	0	0
Totals	2	3	5

- Cars

- Trucks

- Buses

- Bicycles

Comments



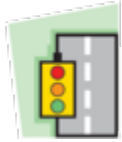
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Count Date: Nov 14, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:45 - 17:45)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:45	65	0	12	0	1	77	1	0	0	0	1	1	0	434	160	3	0	597	11	385	0	0	1	396	1071
17:00	69	0	7	0	2	76	1	0	0	0	0	1	0	434	1137	0	0	1571	21	413	2	0	2	436	2084
17:15	60	0	10	0	0	70	0	0	0	0	0	0	0	441	152	3	0	596	14	327	0	0	0	341	1007
17:30	58	0	10	0	0	68	0	0	0	0	0	0	1	443	152	1	0	597	28	384	0	0	0	412	1077
Grand Total	252	0	39	0	3	291	2	0	0	0	1	2	1	1752	1601	7	0	3361	74	1509	2	0	3	1585	5239
Approach %	86.6	0	13.4	0	-	-	100	0	0	0	-	-	0	52.1	47.6	0.2	-	-	4.7	95.2	0.1	0	-	-	-
Totals %	4.8	0	0.7	0	-	5.6	0	0	0	0	0	0	0	33.4	30.6	0.1	-	64.2	1.4	28.8	0	0	-	30.3	-
PHF	0.91	0	0.81	0	0.94	0.94	0.5	0	0	0	0.5	0.5	0.25	0.99	0.35	0.58	0.53	0.53	0.66	0.91	0.25	0	0.91	0.63	0.63
Cars	244	0	37	0	-	281	2	0	0	0	2	2	0	1634	1569	7	0	3210	69	1428	1	0	0	1498	4991
% Cars	96.8	0	94.9	0	-	96.6	100	0	0	0	100	100	0	93.3	98	100	0	95.5	93.2	94.6	50	0	0	94.5	95.3
Trucks	7	0	2	0	-	9	0	0	0	0	0	0	1	116	30	0	0	147	5	78	1	0	0	84	240
% Trucks	2.8	0	5.1	0	-	3.1	0	0	0	0	0	0	100	6.6	1.9	0	0	4.4	6.8	5.2	50	0	0	5.3	4.6
Buses	1	0	0	0	-	1	0	0	0	0	0	0	0	2	1	0	0	3	0	3	0	0	0	3	7
% Buses	0.4	0	0	0	-	0.3	0	0	0	0	0	0	0	0.1	0.1	0	0	0.1	0	0.2	0	0	0	0.2	0.1
Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
% Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0
Peds					3	-					1	-						0	-				3	-	7
% Peds					42.9	-					14.3	-						0	-				42.9	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

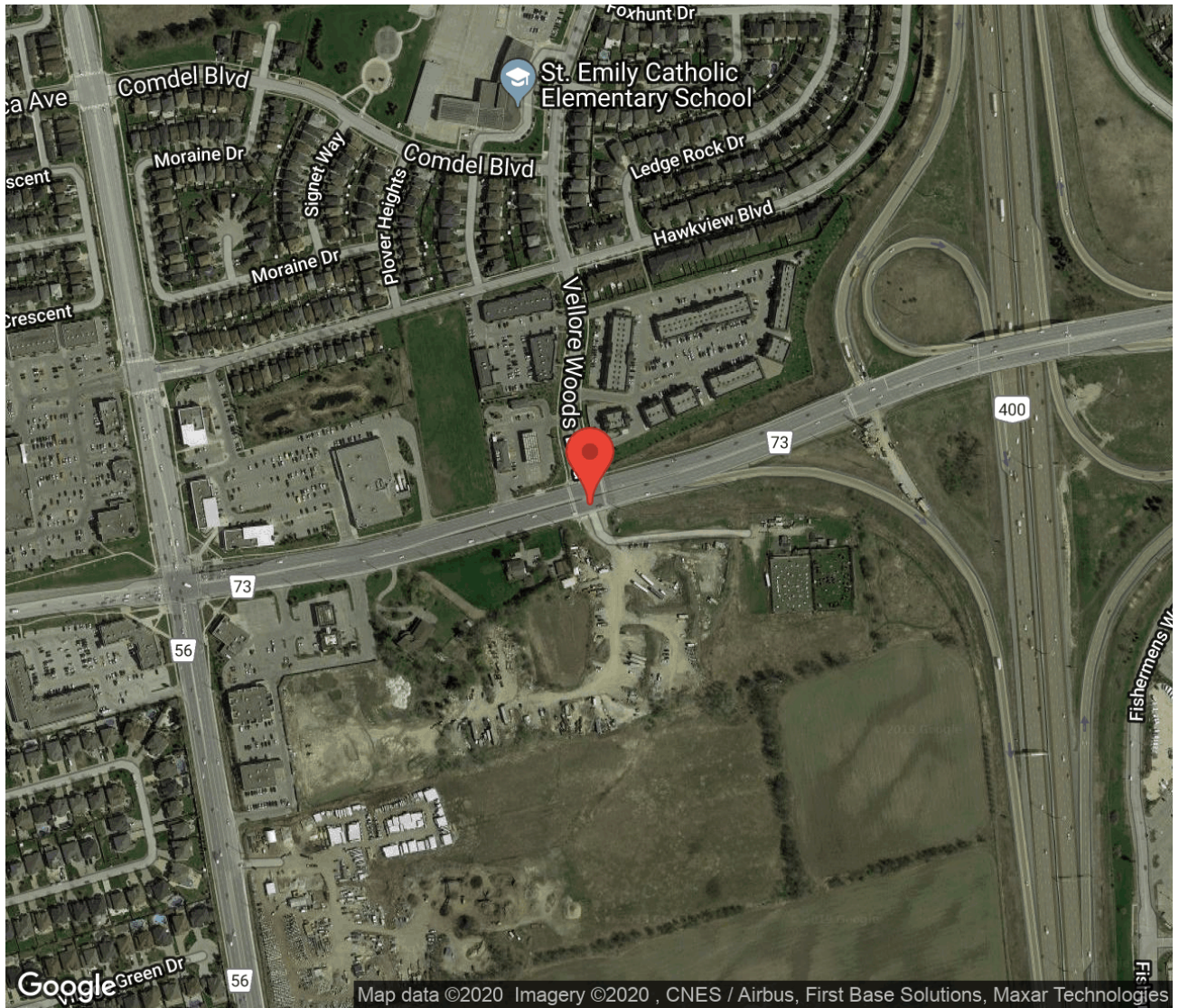
Intersection Count Report

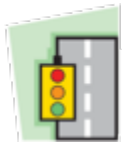
Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600127
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019





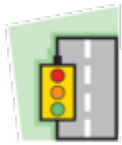
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

- Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	442	1	61	0	504	1	0	0	0	0	0	1
12:00 - 13:00	474	2	91	0	567	7	1	3	6	0	10	2
13:00 - 14:00	448	1	78	0	527	5	3	1	2	0	6	1
14:00 - 15:00	412	1	66	0	479	1	1	0	2	0	3	2
15:00 - 16:00	377	0	49	0	426	5	1	0	3	0	4	2
16:00 - 17:00	363	0	51	0	414	6	3	0	2	0	5	5
17:00 - 18:00	404	0	57	0	461	1	1	1	1	0	3	7
18:00 - 19:00	354	1	50	0	405	1	0	0	2	0	2	0
GRAND TOTAL	3274	6	503	0	3783	27	10	5	18	0	33	20



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

- Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals							
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds		
11:00 - 12:00	1	1427	296	2	1726	0	69	1696	0	0	1765	0		
12:00 - 13:00	7	1575	350	2	1934	1	90	1745	4	1	1840	0		
13:00 - 14:00	5	1662	334	6	2007	1	57	1775	1	0	1833	3		
14:00 - 15:00	3	1603	333	8	1947	0	76	1812	1	0	1889	0		
15:00 - 16:00	1	1678	376	8	2063	0	66	1739	3	2	1810	2		
16:00 - 17:00	2	1726	340	8	2076	1	54	1789	3	1	1847	0		
17:00 - 18:00	4	1729	334	6	2073	1	47	1652	1	1	1701	0		
18:00 - 19:00	1	1907	284	4	2196	0	80	1675	0	0	1755	0		
GRAND TOTAL	24	1330	7	2647	44	2	4	539	3	13	5	1444	0	5



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	104	0	9	0	113	5	0	2	0	7	0	0	0	0	0	0	0	0	0	0	1
16:30	86	0	11	0	97	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
16:45	60	0	17	0	77	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
17:00	111	0	12	0	123	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
17:15	81	0	13	0	94	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:30	106	0	15	0	121	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	1
17:45	90	0	14	0	104	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
18:00	84	0	15	0	99	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
18:15	93	1	15	0	109	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
18:30	87	0	11	0	98	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
18:45	76	0	9	0	85	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3138	4	485	0	3627	135	2	18	0	155	0	0	0	0	0	1	0	0	0	1	27
GRAND TOTAL	3138	4	485	0	3627	135	2	18	0	155	0	0	0	0	0	1	0	0	0	1	27



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	387	71	0	458	0	19	5	0	24	0	1	0	0	1	0	0	0	0	0	0
16:30	0	359	78	2	439	1	24	4	0	29	0	0	0	0	0	0	0	0	0	0	0
16:45	0	456	91	4	551	0	26	2	0	28	0	1	0	0	1	0	0	0	0	0	0
17:00	0	409	68	2	479	0	14	4	0	18	0	1	0	0	1	0	0	0	0	0	0
17:15	1	420	97	0	518	1	11	2	0	14	0	1	0	0	1	0	0	0	0	0	1
17:30	1	415	74	2	492	0	16	6	0	22	0	1	0	0	1	0	0	0	0	0	0
17:45	1	420	77	2	500	0	21	6	0	27	0	0	0	0	0	0	0	0	0	0	0
18:00	0	501	72	0	573	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:15	0	494	83	1	578	0	17	5	0	22	0	0	0	0	0	0	0	0	0	0	0
18:30	1	472	65	1	539	0	14	2	0	16	0	1	0	0	1	0	0	0	0	0	0
18:45	0	381	55	2	438	0	14	2	0	16	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	15	12530	2546	41	15132	9	752	100	3	864	0	25	0	0	25	0	0	1	0	1	4
GRAND TOTAL	15	12530	2546	41	15132	9	752	100	3	864	0	25	0	0	25	0	0	1	0	1	4



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Vellore Woods Blvd
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach -

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	23	374	0	0	397	1	33	0	0	34	0	0	0	0	0	0	0	0	0	0	0
11:15	13	422	0	0	435	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
11:30	12	441	0	0	453	0	29	0	0	29	0	1	0	0	1	0	0	0	0	0	0
11:45	19	343	0	0	362	1	25	0	0	26	0	1	0	0	1	0	0	0	0	0	0
12:00	26	452	3	1	482	1	26	0	0	27	0	0	0	0	0	0	0	0	0	0	0
12:15	21	416	1	0	438	2	25	0	0	27	0	1	0	0	1	0	0	0	0	0	0
12:30	13	408	0	0	421	2	20	0	0	22	0	0	0	0	0	0	0	0	0	0	0
12:45	25	371	0	0	396	0	25	0	0	25	0	1	0	0	1	0	0	0	0	0	0
13:00	12	414	0	0	426	2	16	0	0	18	0	0	0	0	0	0	0	0	0	0	0
13:15	11	435	0	0	446	0	23	0	0	23	0	2	0	0	2	0	0	0	0	0	1
13:30	10	383	1	0	394	2	30	0	0	32	0	0	0	0	0	0	0	0	0	0	2
13:45	19	451	0	0	470	1	20	0	0	21	0	1	0	0	1	0	0	0	0	0	0
14:00	20	412	0	0	432	1	17	0	0	18	0	0	0	0	0	0	0	0	0	0	0
14:15	15	434	1	0	450	2	27	0	0	29	0	1	0	0	1	0	0	0	0	0	0
14:30	14	433	0	0	447	2	25	0	0	27	0	1	0	0	1	0	0	0	0	0	0
14:45	19	429	0	0	448	3	33	0	0	36	0	0	0	0	0	0	0	0	0	0	0
15:00	19	415	0	0	434	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
15:15	16	400	0	2	418	0	28	0	0	28	0	0	1	0	1	0	0	0	0	0	0
15:30	17	444	1	0	462	1	33	0	0	34	0	1	0	0	1	0	0	0	0	0	1
15:45	12	383	1	0	396	1	19	0	0	20	0	0	0	0	0	0	0	0	0	0	1
16:00	11	484	0	0	495	1	24	1	0	26	0	2	0	0	2	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Rutherford Rd & Vellore Woods Blvd
Site ID: 1936600127
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

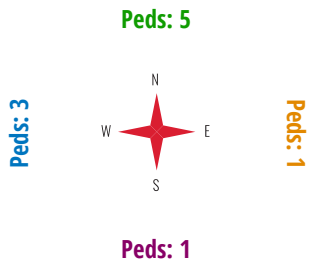
	Out	In	Total
	511	380	891
	16	12	28
	0	0	0
	0	0	0
Totals	527	392	919

	0	0	0	0
	0	0	0	0
	4	0	12	0
	74	1	436	0
Totals	78	1	448	0

East Approach

	Out	In	Total
	1878	2124	4002
	126	104	230
	3	3	6
	0	0	0
Totals	2007	2231	4238

				Totals
0	0	0	0	0
0	0	5	52	57
0	3	89	1683	1775
0	0	0	1	1



Totals				
6	4	2	0	0
334	327	7	0	0
1662	1544	115	3	0
5	3	2	0	0

West Approach

	Out	In	Total
	1736	1620	3356
	94	120	214
	3	3	6
	0	0	0
Totals	1833	1743	3576

Totals				
3	1	2	0	
	2	1	1	0
	1	0	1	0
	0	0	0	0
	0	0	0	0

South Approach

	Out	In	Total
	4	5	9
	2	2	4
	0	0	0
	0	0	0
Totals	6	7	13

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	116	0	22	0	0	138	0	0	1	0	0	1	2	400	84	2	0	488	14	430	0	0	0	444	1071
13:15	100	1	15	0	0	116	0	1	1	0	0	2	3	431	79	2	0	515	11	460	0	0	1	471	1104
13:30	129	0	22	0	2	151	1	0	0	0	1	1	0	393	75	0	0	468	12	413	1	0	2	426	1046
13:45	103	0	19	0	3	122	2	0	0	0	0	2	0	438	96	2	1	536	20	472	0	0	0	492	1152
Grand Total	448	1	78	0	5	527	3	1	2	0	1	6	5	1662	334	6	1	2007	57	1775	1	0	3	1833	4373
Approach %	85	0.2	14.8	0	-	-	50	16.7	33.3	0	-	-	0.2	82.8	16.6	0.3	-	-	3.1	96.8	0.1	0	-	-	-
Totals %	10.2	0	1.8	0	-	12.1	0.1	0	0	0	0.1	-	0.1	38	7.6	0.1	-	45.9	1.3	40.6	0	0	-	-	41.9
PHF	0.87	0.25	0.89	0	0.87	0.87	0.38	0.25	0.5	0	0.75	0.75	0.42	0.95	0.87	0.75	0.94	0.94	0.71	0.94	0.25	0	0.93	0.93	0.95
Cars	436	1	74	0	-	511	2	1	1	0	4	4	3	1544	327	4	-	1878	52	1683	1	0	-	1736	4129
% Cars	97.3	100	94.9	0	-	97	66.7	100	50	0	66.7	66.7	60	92.9	97.9	66.7	-	93.6	91.2	94.8	100	0	-	94.7	94.4
Trucks	12	0	4	0	-	16	1	0	1	0	2	2	2	115	7	2	-	126	5	89	0	0	-	94	238
% Trucks	2.7	0	5.1	0	-	3	33.3	0	50	0	33.3	33.3	40	6.9	2.1	33.3	-	6.3	8.8	5	0	0	-	5.1	5.4
Buses	0	0	0	0	-	0	0	0	0	0	0	0	0	3	0	0	-	3	0	3	0	0	-	3	6
% Buses	0	0	0	0	-	0	0	0	0	0	0	0	0	0.2	0	0	-	0.1	0	0.2	0	0	-	0.2	0.1
Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	3	-	10
% Peds	-	-	-	-	50	-	-	-	-	-	10	-	-	-	-	-	10	-	-	-	-	-	30	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 17:45:00
To: 18:45:00

Intersection: Rutherford Rd & Vellore Woods Blvd
Site ID: 1936600127
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: runs E/W

North Approach

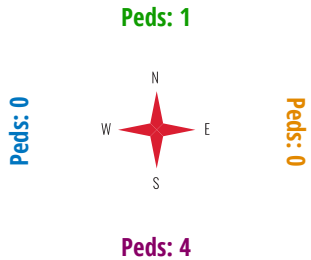
	Out	In	Total
	410	356	766
	13	15	28
	0	0	0
	0	0	0
Totals	423	371	794

	0	0	0	0
	0	0	0	0
	0	0	13	0
	55	1	354	0
Totals	55	1	367	0

East Approach

	Out	In	Total
	2190	2059	4249
	75	77	152
	2	2	4
	0	0	0
Totals	2267	2138	4405

				Totals
0	0	0	0	0
0	0	2	59	61
0	2	64	1698	1764
0	0	0	0	0



Totals				
4	4	0	0	0
310	297	13	0	0
1951	1887	62	2	0
2	2	0	0	0

West Approach

	Out	In	Total
	1757	1942	3699
	66	62	128
	2	2	4
	0	0	0
Totals	1825	2006	3831

Totals	0	0	3	0
	0	0	3	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

South Approach

	Out	In	Total
	3	3	6
	0	0	0
	0	0	0
	0	0	0
Totals	3	3	6

- Cars

- Trucks

- Buses

- Bicycles

Comments



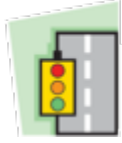
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Vellore Woods Blvd
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (17:45 - 18:45)

Start Time	North Approach						South Approach						East Approach						West Approach						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
17:45	94	0	14	0	0	108	0	0	1	0	4	1	1	441	83	2	0	527	4	460	0	0	0	464	1100	
18:00	87	0	15	0	0	102	0	0	0	0	0	0	0	512	72	0	0	584	17	432	0	0	0	449	1135	
18:15	98	1	15	0	0	114	0	0	1	0	0	1	0	511	88	1	0	600	21	435	0	0	0	456	1171	
18:30	88	0	11	0	1	99	0	0	1	0	0	1	1	487	67	1	0	556	19	437	0	0	0	456	1112	
Grand Total	367	1	55	0	1	423	0	0	3	0	4	3	2	1951	310	4	0	2267	61	1764	0	0	0	1825	4518	
Approach %	86.8	0.2	13	0	-	-	0	0	100	0	-	-	0.1	86.1	13.7	0.2	-	-	3.3	96.7	0	0	-	-	-	
Totals %	8.1	0	1.2	0	-	9.4	0	0	0.1	0	0.1	-	0	43.2	6.9	0.1	-	50.2	1.4	39	0	0	-	40.4	-	
PHF	0.94	0.25	0.92	0	0.93	0.93	0	0	0.75	0	0.75	0.75	0.5	0.95	0.88	0.5	0.94	0.94	0.73	0.96	0	0	0	0.98	0.96	
Cars	354	1	55	0	-	410	0	0	3	0	3	3	2	1887	297	4	-	2190	59	1698	0	0	-	1757	4360	
% Cars	96.5	100	100	0	-	96.9	0	0	100	0	100	100	100	96.7	95.8	100	-	96.6	96.7	96.3	0	0	-	96.3	96.5	
Trucks	13	0	0	0	-	13	0	0	0	0	0	0	0	62	13	0	-	75	2	64	0	0	-	66	154	
% Trucks	3.5	0	0	0	-	3.1	0	0	0	0	0	0	0	3.2	4.2	0	-	3.3	3.3	3.6	0	0	-	3.6	3.4	
Buses	0	0	0	0	-	0	0	0	0	0	0	0	0	2	0	0	-	2	0	2	0	0	-	2	4	
% Buses	0	0	0	0	-	0	0	0	0	0	0	0	0	0.1	0	0	-	0.1	0	0.1	0	0	-	0.1	0.1	
Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	-	0	-	-	-	-	-	0	-	5
% Peds	-	-	-	-	20	-	-	-	-	-	80	-	-	-	-	-	-	0	-	-	-	-	-	0	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

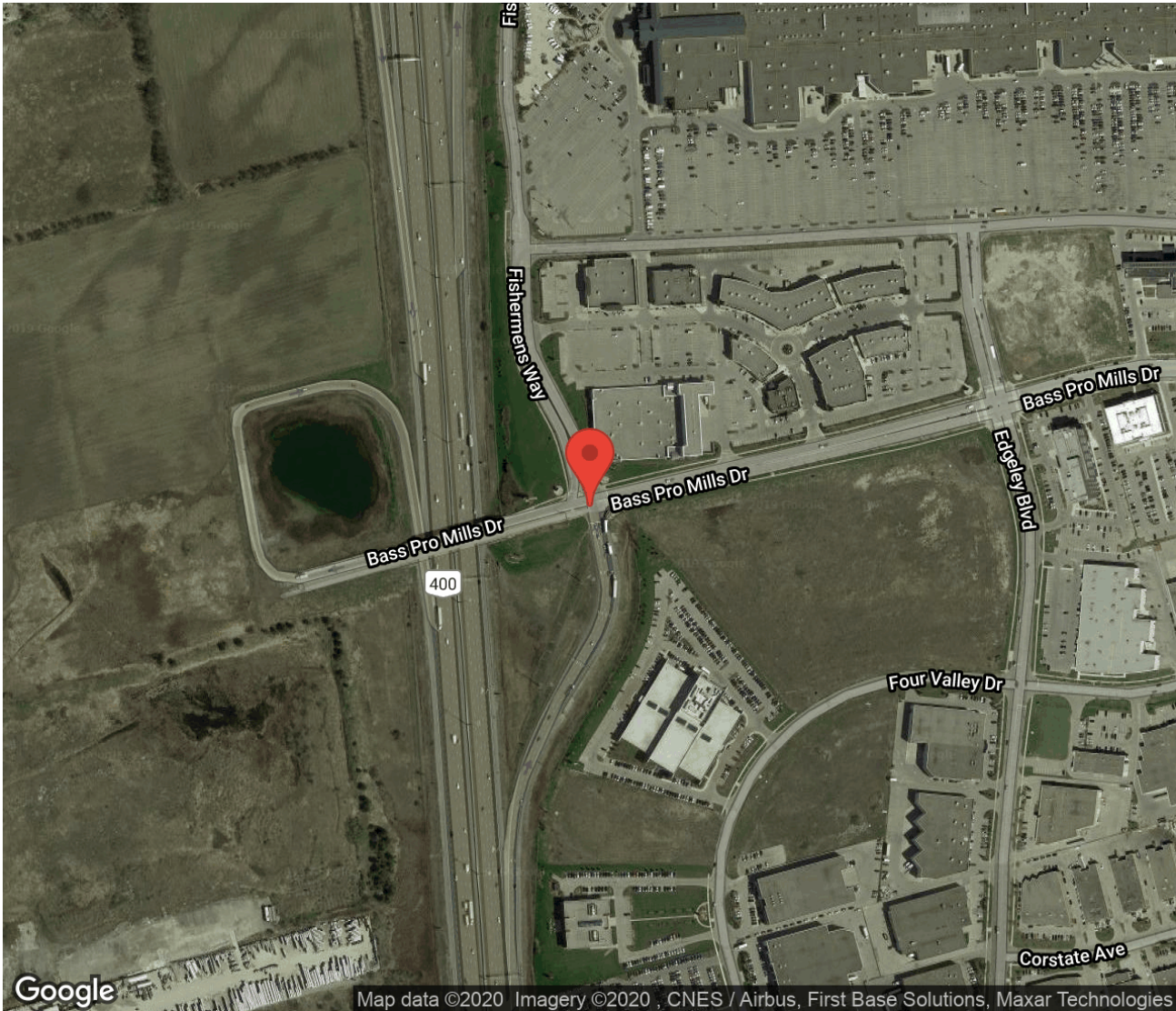
Intersection Count Report

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019
Site Code: 1936600128
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

Traffic Count Map



Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400
NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019



Traffic Count Summary

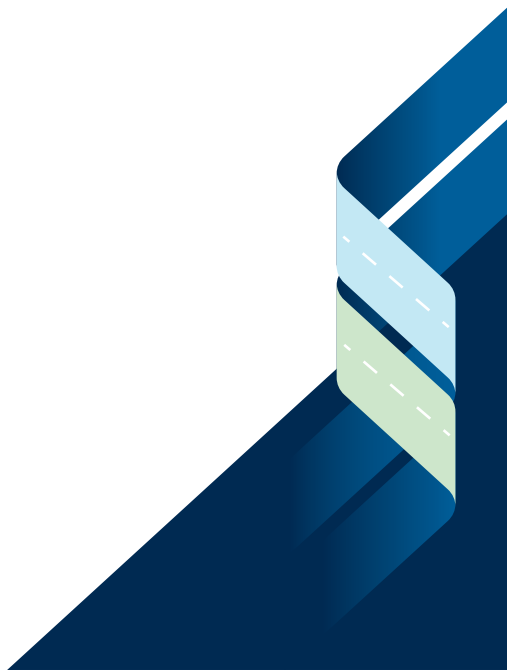


Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400
 NB Off-Ramp
 Municipality: Vaughan
 Count Date: Nov 21, 2019

Fishermans Way - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	52	0	52	0	13	79	612	0	704	0
08:00 - 09:00	1	0	61	1	63	0	12	113	798	0	923	0
09:00 - 10:00	1	0	78	0	79	0	12	169	564	0	745	0
BREAK												
14:00 - 15:00	0	0	301	0	301	0	16	240	389	0	645	0
15:00 - 16:00	3	0	282	1	286	0	12	195	314	0	521	0
16:00 - 17:00	0	0	266	0	266	0	13	179	184	0	376	0
17:00 - 18:00	1	0	296	0	297	0	16	159	137	0	312	0
18:00 - 19:00	1	0	225	0	226	0	16	222	209	0	447	0
GRAND TOTAL	7	0	1561	2	1570	0	110	1356	3207	0	4673	0

Start Time	Cars					Trucks					Buses					Total Peds				
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total					
GRAND TOTAL	5	0	1421	2	1428	2	0	139	0	141	0	0	1	0	1	0	0	0	0	0





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

South Approach - Hwy 400 NB Off-Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	2	15	119	0	136	0	1	14	0	15	0	0	0	0	0	0	0	0	0	0	0
07:15	1	11	143	0	155	3	1	15	0	19	0	0	0	0	0	0	0	0	0	0	0
07:30	2	16	122	0	140	0	1	13	0	14	0	0	0	0	0	0	0	0	0	0	0
07:45	5	32	172	0	209	0	2	14	0	16	0	0	0	0	0	0	0	0	0	0	0
08:00	2	18	164	0	184	0	3	13	0	16	0	0	0	0	0	0	0	0	0	0	0
08:15	4	14	159	0	177	2	6	18	0	26	0	0	0	0	0	0	0	0	0	0	0
08:30	3	24	213	0	240	0	3	8	0	11	0	0	1	0	1	0	0	0	0	0	0
08:45	1	43	208	0	252	0	2	14	0	16	0	0	0	0	0	0	0	0	0	0	0
09:00	0	16	163	0	179	0	4	16	0	20	0	0	0	0	0	0	0	0	0	0	0
09:15	4	31	117	0	152	0	7	18	0	25	0	0	0	0	0	0	0	0	0	0	0
09:30	4	47	103	0	154	1	7	18	0	26	0	0	0	0	0	0	0	0	0	0	0
09:45	1	52	110	0	163	2	5	19	0	26	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	29	319	1793	0	2141	8	42	180	0	230	0	0	1	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

South Approach - Hwy 400 NB Off-Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	4	44	94	0	142	1	10	25	0	36	0	0	0	0	0	0	0	0	0	0	0
14:15	3	57	61	0	121	0	7	20	0	27	0	0	1	0	1	0	0	0	0	0	0
14:30	2	68	76	0	146	1	8	21	0	30	0	0	0	0	0	0	0	0	0	0	0
14:45	5	40	74	0	119	0	6	16	0	22	0	0	1	0	1	0	0	0	0	0	0
15:00	4	46	69	0	119	0	7	19	0	26	0	0	0	0	0	0	0	0	0	0	0
15:15	1	45	77	0	123	0	5	12	0	17	0	0	0	0	0	0	0	0	0	0	0
15:30	2	58	64	0	124	1	4	18	0	23	0	0	0	0	0	0	0	0	0	0	0
15:45	3	29	51	0	83	1	1	4	0	6	0	0	0	0	0	0	0	0	0	0	0
16:00	4	51	44	0	99	0	4	6	0	10	0	0	0	0	0	0	0	0	0	0	0
16:15	2	35	44	0	81	0	3	7	0	10	0	0	0	0	0	0	0	0	0	0	0
16:30	2	41	48	0	91	2	1	8	0	11	0	0	0	0	0	0	0	0	0	0	0
16:45	3	44	25	0	72	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
17:00	3	28	25	0	56	0	2	7	0	9	0	0	1	0	1	0	0	0	0	0	0
17:15	5	46	33	0	84	1	2	5	0	8	0	0	0	0	0	0	0	0	0	0	0
17:30	2	44	34	0	80	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	5	36	21	0	62	0	1	7	0	8	0	0	0	0	0	0	0	0	0	0	0
18:00	5	35	37	0	77	1	4	9	0	14	0	0	0	0	0	0	0	0	0	0	0
18:15	5	51	52	0	108	1	4	3	0	8	0	0	0	0	0	0	0	0	0	0	0
18:30	0	53	42	0	95	0	4	9	0	13	0	0	0	0	0	0	0	0	0	0	0
18:45	4	67	47	0	118	0	4	10	0	14	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	64	918	1018	0	2000	9	77	212	0	298	0	0	3	0	3	0	0	0	0	0	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	93	1237	2811	0	4141	17	119	392	0	528	0	0	4	0	4	0	0	0	0	0	0





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

East Approach - Bass Pro Mills Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	17	1	0	18	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
07:15	0	19	1	0	20	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
07:30	0	19	0	0	19	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
07:45	0	20	3	0	23	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
08:00	0	19	0	0	19	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
08:15	0	17	1	0	18	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
08:30	0	17	1	0	18	0	14	2	0	16	0	0	0	0	0	0	0	0	0	0	0
08:45	0	18	3	0	21	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:00	0	29	1	0	30	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
09:15	0	23	2	0	25	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0
09:30	0	18	2	0	20	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
09:45	0	25	2	0	27	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	241	17	0	258	0	122	3	0	125	0	3	0	0	3	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

East Approach - Bass Pro Mills Dr

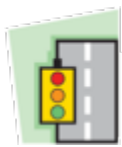
Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	82	7	0	89	0	13	3	0	16	0	0	0	0	0	0	0	0	0	0	0
14:15	0	72	3	0	75	0	11	3	0	14	0	0	0	0	0	0	0	0	0	0	0
14:30	0	83	3	2	88	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
14:45	0	81	9	0	90	0	16	3	0	19	0	0	0	0	0	0	0	0	0	0	0
15:00	0	90	3	0	93	0	15	4	0	19	0	0	0	0	0	0	0	0	0	0	0
15:15	0	98	8	0	106	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
15:30	0	119	4	1	124	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
15:45	0	91	7	0	98	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
16:00	0	148	10	0	158	0	23	2	0	25	0	0	0	0	0	0	0	0	0	0	0
16:15	0	168	8	0	176	0	15	1	0	16	0	0	0	0	0	0	0	0	0	0	0
16:30	0	209	12	0	221	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
16:45	0	206	14	0	220	0	13	3	0	16	0	0	0	0	0	0	0	0	0	0	0
17:00	0	244	19	0	263	0	26	0	0	26	0	0	0	0	0	0	0	0	0	0	0
17:15	0	204	13	0	217	0	21	1	0	22	0	0	0	0	0	0	0	0	0	0	0
17:30	0	166	13	0	179	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
17:45	0	120	12	0	132	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
18:00	0	94	12	0	106	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
18:15	0	56	11	0	67	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
18:30	0	55	6	0	61	0	4	2	0	6	0	0	0	0	0	0	0	0	0	0	0
18:45	0	49	6	0	55	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	2435	180	3	2618	0	266	24	0	290	0	1	0	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	2676	197	3	2876	0	388	27	0	415	0	4	0	0	4	0	0	0	0	0	0



Start Time	Cars					Trucks					Buses					Total Peds			
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total				
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 08:15:00
To: 09:15:00

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Site ID: 1936600128
Count Date: Nov 21, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Fishermans Way runs N/S

North Approach

	Out	In	Total
	66	103	169
	8	17	25
	0	0	0
	0	0	0
Totals	74	120	194

Fishermans Way

	0	0	0
	0	0	0
	7	1	0
	66	0	0
Totals	73	1	0

East Approach

	Out	In	Total
	87	743	830
	41	57	98
	0	1	1
	0	0	0
Totals	128	801	929

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Peds: 0



Peds: 0

Peds: 0

Peds: 0

Bass Pro Mills Dr

Totals				
0	0	0	0	0
8	6	2	0	0
120	81	39	0	0

West Approach

	Out	In	Total
	0	155	155
	0	48	48
	0	0	0
	0	0	0
Totals	0	203	203

Totals			
	8	97	743
	2	15	56
	0	0	1
	0	0	0

Hwy 400 NB Off-Ramp

South Approach

	Out	In	Total
	848	0	848
	73	0	73
	1	0	1
	0	0	0
Totals	922	0	922

- Cars

- Trucks

- Buses

- Bicycles

Comments



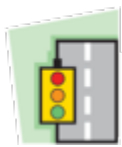
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
 Count Date: Nov 21, 2019
 Period: 07:00 - 10:00

Peak Hour Data (08:15 - 09:15)

Start Time	North Approach Fishermans Way						South Approach Hwy 400 NB Off-Ramp						East Approach Bass Pro Mills Dr						West Approach Bass Pro Mills Dr						Total Vehic es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
08:15	1		10	0	0	11	6	20	177		0	203		25	1	0	0	26	0	0		0	0	0	240
08:30	0		20	0	0	20	3	27	222		0	252		31	3	0	0	34	0	0		0	0	0	306
08:45	0		18	0	0	18	1	45	222		0	268		23	3	0	0	26	0	0		0	0	0	312
09:00	0		25	0	0	25	0	20	179		0	199		41	1	0	0	42	0	0		0	0	0	266
Grand Total	1		73	0	0	74	10	112	800		0	922		120	8	0	0	128	0	0		0	0	0	1124
Approach %	1.4		98.6	0		-	1.1	12.1	86.8			-		93.8	6.3	0		-	0	0		0			-
Totals %	0.1		6.5	0		6.6	0.9	10	71.2			82		10.7	0.7	0		11.4	0	0		0			0
PHF	0.25		0.73	0		0.74	0.42	0.62	0.9			0.86		0.73	0.67	0		0.76	0	0		0			0.9
Cars	0		66	0		66	8	97	743			848		81	6	0		87	0	0		0	0	0	1001
% Cars	0		90.4	0		89.2	80	86.6	92.9			92		67.5	75	0		68	0	0		0	0	0	89.1
Trucks	1		7	0		8	2	15	56			73		39	2	0		41	0	0		0	0	0	122
% Trucks	100		9.6	0		10.8	20	13.4	7			7.9		32.5	25	0		32	0	0		0	0	0	10.9
Buses	0		0	0		0	0	0	1			1		0	0	0		0	0	0		0	0	0	1
% Buses	0		0	0		0	0	0	0.1			0.1		0	0	0		0	0	0		0	0	0	0.1
Bicycles	0		0	0		0	0	0	0			0		0	0	0		0	0	0		0	0	0	0
% Bicycles	0		0	0		0	0	0	0			0		0	0	0		0	0	0		0	0	0	0
Peds						0						0						0				0			0
% Peds						0						0						0				0			0



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Site ID: 1936600128
Count Date: Nov 21, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Fishermans Way runs N/S

North Approach

	Out	In	Total
	261	217	478
	33	10	43
	0	0	0
	0	0	0
Totals	294	227	521

Fishermans Way

	0	0	0
	0	0	0
	33	0	0
	260	1	0
Totals	293	1	0

East Approach

	Out	In	Total
	921	132	1053
	77	22	99
	0	1	1
	0	0	0
Totals	998	155	1153

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Peds: 0



Peds: 0

Peds: 0

Bass Pro Mills Dr

Totals				
0	0	0	0	0
63	58	5	0	0
935	863	72	0	0

Peds: 0

West Approach

	Out	In	Total
	0	1136	1136
	0	108	108
	0	0	0
	0	0	0
Totals	0	1244	1244

Totals			
	13	159	131
	3	5	22
	0	0	1
	0	0	0

Hwy 400 NB Off-Ramp

South Approach

	Out	In	Total
	303	0	303
	30	0	30
	1	0	1
	0	0	0
Totals	334	0	334

- Cars

- Trucks

- Buses

- Bicycles

Comments



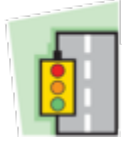
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
 Count Date: Nov 21, 2019
 Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Fishermans Way						South Approach Hwy 400 NB Off-Ramp						East Approach Bass Pro Mills Dr						West Approach Bass Pro Mills Dr						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	0		73	0	0	73	4	42	56		0	102		221	13	0	0	234	0	0		0	0	0	409
16:45	0		61	0	0	61	3	44	27		0	74		219	17	0	0	236	0	0		0	0	0	371
17:00	0		84	0	0	84	3	30	33		0	66		270	19	0	0	289	0	0		0	0	0	439
17:15	1		75	0	0	76	6	48	38		0	92		225	14	0	0	239	0	0		0	0	0	407
Grand Total	1		293	0	0	294	16	164	154		0	334		935	63	0	0	998	0	0		0	0	0	1626
Approach %	0.3		99.7	0		-	4.8	49.1	46.1			-		93.7	6.3	0		-	0	0		0			-
Totals %	0.1		18	0		18.1	1	10.1	9.5			20.5		57.5	3.9	0		61.4	0	0		0			0
PHF	0.25		0.87	0		0.88	0.67	0.85	0.69			0.82		0.87	0.83	0		0.86	0	0		0			0.93
Cars	1		260	0		261	13	159	131			303		863	58	0		921	0	0		0			1485
% Cars	100		88.7	0		88.8	81.3	97	85.1			90.7		92.3	92.1	0		92.3	0	0		0			91.3
Trucks	0		33	0		33	3	5	22			30		72	5	0		77	0	0		0			140
% Trucks	0		11.3	0		11.2	18.8	3	14.3			9		7.7	7.9	0		7.7	0	0		0			8.6
Buses	0		0	0		0	0	0	1			1		0	0	0		0	0	0		0			1
% Buses	0		0	0		0	0	0	0.6			0.3		0	0	0		0	0	0		0			0.1
Bicycles	0		0	0		0	0	0	0			0		0	0	0		0	0	0		0			0
% Bicycles	0		0	0		0	0	0	0			0		0	0	0		0	0	0		0			0
Peds						0						0						0				0			0
% Peds						0						0						0				0			0



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

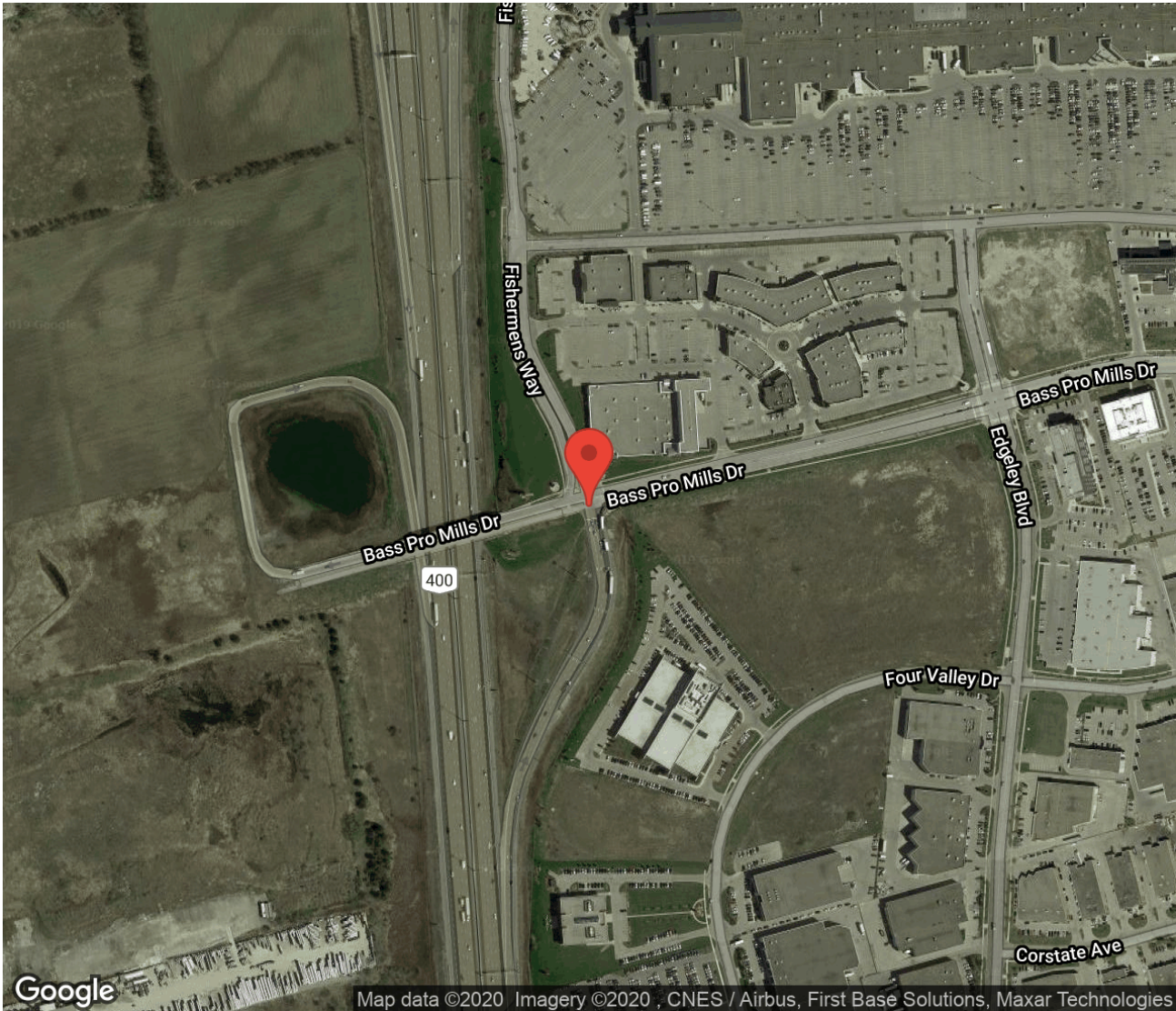
Intersection Count Report

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 23, 2019
Site Code: 1936600129
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear

Traffic Count Map



Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400
NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 23, 2019



Traffic Count Summary



Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400
 NB Off-Ramp
 Municipality: Vaughan
 Count Date: Nov 23, 2019

Fishermans Way - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	305	0	305	0	28	627	510	0	1165	0
12:00 - 13:00	1	0	465	4	470	0	28	696	545	0	1269	0
13:00 - 14:00	1	0	525	3	529	0	28	740	593	0	1361	0
14:00 - 15:00	0	0	638	2	640	0	35	698	604	0	1337	0
15:00 - 16:00	2	0	720	0	722	0	27	688	564	0	1279	0
16:00 - 17:00	3	0	788	0	791	0	22	585	515	0	1122	0
17:00 - 18:00	0	0	743	1	744	0	22	449	415	0	886	0
18:00 - 19:00	4	0	644	4	652	0	20	402	347	0	769	0
GRAND TOTAL	11	0	4828	14	4853	0	210	4885	4093	0	9188	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 23, 2019

North Approach - Fishermans Way

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	175	0	175	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	203	0	204	0	0	20	0	20	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	168	0	168	1	0	15	0	16	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	184	1	185	0	0	10	0	10	0	0	1	0	1	0	0	0	0	0	0
17:15	0	0	193	0	193	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	174	0	174	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	157	0	157	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0
18:00	3	0	167	1	171	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0
18:15	1	0	173	1	175	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	149	0	149	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0
18:45	0	0	140	2	142	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	0	4508	12	4528	3	0	315	2	320	0	0	5	0	5	0	0	0	0	0	0
GRAND TOTAL	8	0	4508	12	4528	3	0	315	2	320	0	0	5	0	5	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 23, 2019

South Approach - Hwy 400 NB Off-Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	5	150	130	0	285	0	14	7	0	21	0	0	1	0	1	0	0	0	0	0	0
16:30	3	120	110	0	233	1	10	5	0	16	0	0	0	0	0	0	0	0	0	0	0
16:45	6	125	129	0	260	0	10	6	0	16	0	0	1	0	1	0	0	0	0	0	0
17:00	8	148	111	0	267	1	11	6	0	18	0	0	1	0	1	0	0	0	0	0	0
17:15	4	97	96	0	197	1	2	4	0	7	0	0	1	0	1	0	0	0	0	0	0
17:30	2	86	89	0	177	0	4	6	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	6	96	95	0	197	0	5	5	0	10	0	0	1	0	1	0	0	0	0	0	0
18:00	5	98	85	0	188	0	4	3	0	7	0	0	1	0	1	0	0	0	0	0	0
18:15	2	114	91	0	207	0	4	4	0	8	0	0	1	0	1	0	0	0	0	0	0
18:30	8	100	84	0	192	0	4	3	0	7	0	0	0	0	0	0	0	0	0	0	0
18:45	3	73	69	0	145	2	5	4	0	11	0	0	2	0	2	0	0	0	0	0	0
SUBTOTAL	188	4561	3855	0	8604	22	321	219	0	562	0	3	19	0	22	0	0	0	0	0	0
GRAND TOTAL	188	4561	3855	0	8604	22	321	219	0	562	0	3	19	0	22	0	0	0	0	0	0



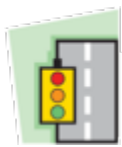
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Municipality: Vaughan
Count Date: Nov 23, 2019

East Approach - Bass Pro Mills Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	93	10	0	103	0	4	3	0	7	0	0	0	0	0	0	0	0	0	0	0
16:30	0	82	7	0	89	0	6	0	1	7	0	0	0	0	0	0	0	0	0	0	0
16:45	0	77	13	0	90	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
17:00	0	82	6	1	89	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
17:15	0	86	5	0	91	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
17:30	0	103	6	1	110	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
17:45	0	72	5	0	77	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
18:00	0	79	5	0	84	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
18:15	0	76	7	1	84	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
18:30	0	80	2	0	82	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
18:45	0	79	1	0	80	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	2264	253	12	2529	0	125	20	1	146	0	18	0	0	18	0	0	0	0	0	0
GRAND TOTAL	0	2264	253	12	2529	0	125	20	1	146	0	18	0	0	18	0	0	0	0	0	0



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:45:00
To: 13:45:00

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Site ID: 1936600129
Count Date: Nov 23, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Fishermans Way runs N/S

North Approach

	Out	In	Total
	496	737	1233
	50	52	102
	1	0	1
	0	0	0
Totals	547	789	1336

Fishermans Way

	0	0	0
	1	0	0
	48	1	1
	493	0	3
Totals	542	1	4

East Approach

	Out	In	Total
	306	532	838
	17	34	51
	1	3	4
	0	0	0
Totals	324	569	893

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Peds: 0



Peds: 0

Peds: 0

Bass Pro Mills Dr

Totals				
0	0	0	0	0
34	32	2	0	0
290	274	15	1	0

Peds: 0

West Approach

	Out	In	Total
	0	794	794
	0	65	65
	0	2	2
	0	0	0
Totals	0	861	861

Totals			
	27	702	532
	2	49	33
	0	0	3
	0	0	0

Hwy 400 NB Off-Ramp

South Approach

	Out	In	Total
	1261	0	1261
	84	0	84
	3	0	3
	0	0	0
Totals	1348	0	1348

- Cars

- Trucks

- Buses

- Bicycles

Comments



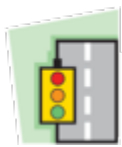
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
 Count Date: Nov 23, 2019
 Period: 11:00 - 14:00

Peak Hour Data (12:45 - 13:45)

Start Time	North Approach Fishermans Way						South Approach Hwy 400 NB Off-Ramp						East Approach Bass Pro Mills Dr						West Approach Bass Pro Mills Dr						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:45	0		149	1	0	150	6	196	127		0	329		76	10	0	0	86	0	0		0	0	0	565
13:00	0		132	1	0	133	11	183	158		0	352		75	7	0	0	82	0	0		0	0	0	567
13:15	1		122	0	0	123	6	183	138		0	327		80	5	0	0	85	0	0		0	0	0	535
13:30	0		139	2	0	141	6	189	145		0	340		59	12	0	0	71	0	0		0	0	0	552
Grand Total	1		542	4	0	547	29	751	568	0	1348		290	34	0	0	324	0	0		0	0	0	2219	
Approach %	0.2		99.1	0.7		-	2.2	55.7	42.1		-		89.5	10.5	0		-		0	0		0		-	
Totals %	0		24.4	0.2		24.7	1.3	33.8	25.6		60.7		13.1	1.5	0		14.6		0	0		0		0	
PHF	0.25		0.91	0.5		0.91	0.66	0.96	0.9		0.96		0.91	0.71	0		0.94		0	0		0		0.98	
Cars	0		493	3		496	27	702	532		1261		274	32	0		306		0	0		0	0	0	2063
% Cars	0		91	75		90.7	93.1	93.5	93.7		93.5		94.5	94.1	0		94.4		0	0		0	0	0	93
Trucks	1		48	1		50	2	49	33		84		15	2	0		17		0	0		0	0	0	151
% Trucks	100		8.9	25		9.1	6.9	6.5	5.8		6.2		5.2	5.9	0		5.2		0	0		0	0	0	6.8
Buses	0		1	0		1	0	0	3		3		1	0	0		1		0	0		0	0	0	5
% Buses	0		0.2	0		0.2	0	0	0.5		0.2		0.3	0	0		0.3		0	0		0	0	0	0.2
Bicycles	0		0	0		0	0	0	0		0		0	0	0		0		0	0		0	0	0	0
% Bicycles	0		0	0		0	0	0	0		0		0	0	0		0		0	0		0	0	0	0
Peds						0					0						0					0		0	0
% Peds						0					0						0					0		0	0



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
Site ID: 1936600129
Count Date: Nov 23, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Fishermans Way runs N/S

North Approach

	Out	In	Total
	678	693	1371
	43	46	89
	1	1	2
	0	0	0
Totals	722	740	1462

Fishermans Way

	0	0	0
	1	0	0
	43	0	0
	676	2	0
Totals	720	2	0

East Approach

	Out	In	Total
	379	541	920
	18	28	46
	1	1	2
	0	0	0
Totals	398	570	968

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Peds: 0



Peds: 0

Peds: 0

Peds: 0

Bass Pro Mills Dr

Totals				
4	4	0	0	0
52	47	5	0	0
342	328	13	1	0

West Approach

	Out	In	Total
	0	1027	1027
	0	60	60
	0	2	2
	0	0	0
Totals	0	1089	1089

Totals			
	23	646	535
	4	41	28
	0	1	1
	0	0	0

Hwy 400 NB Off-Ramp

South Approach

	Out	In	Total
	1204	0	1204
	73	0	73
	2	0	2
	0	0	0
Totals	1279	0	1279

- Cars

- Trucks

- Buses

- Bicycles

Comments



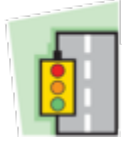
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Bass Pro Mills Dr & Fishermans Way-Hwy 400 NB Off-Ramp
 Count Date: Nov 23, 2019
 Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach Fishermans Way						South Approach Hwy 400 NB Off-Ramp						East Approach Bass Pro Mills Dr						West Approach Bass Pro Mills Dr						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:00	0		172	0	0	172	6	179	128		0	313		86	13	1	0	100	0	0		0	0	0	585
15:15	0		189	0	0	189	5	162	137		0	304		92	18	0	0	110	0	0		0	0	0	603
15:30	1		186	0	0	187	10	150	153		0	313		71	8	2	0	81	0	0		0	0	0	581
15:45	1		173	0	0	174	6	197	146		0	349		93	13	1	0	107	0	0		0	0	0	630
Grand Total	2		720	0	0	722	27	688	564		0	1279		342	52	4	0	398	0	0		0	0	0	2399
Approach %	0.3		99.7	0		-	2.1	53.8	44.1			-		85.9	13.1	1		-	0	0		0			-
Totals %	0.1		30	0		30.1	1.1	28.7	23.5			53.3		14.3	2.2	0.2		16.6	0	0		0			0
PHF	0.5		0.95	0		0.96	0.68	0.87	0.92			0.92		0.92	0.72	0.5		0.9	0	0		0			0.95
Cars	2		676	0		678	23	646	535			1204		328	47	4		379	0	0		0			2261
% Cars	100		93.9	0		93.9	85.2	93.9	94.9			94.1		95.9	90.4	100		95.2	0	0		0			94.2
Trucks	0		43	0		43	4	41	28			73		13	5	0		18	0	0		0			134
% Trucks	0		6	0		6	14.8	6	5			5.7		3.8	9.6	0		4.5	0	0		0			5.6
Buses	0		1	0		1	0	1	1			2		1	0	0		1	0	0		0			4
% Buses	0		0.1	0		0.1	0	0.1	0.2			0.2		0.3	0	0		0.3	0	0		0			0.2
Bicycles	0		0	0		0	0	0	0			0		0	0	0		0	0	0		0			0
% Bicycles	0		0	0		0	0	0	0			0		0	0	0		0	0	0		0			0
Peds						0						0						0				0			0
% Peds						0						0						0				0			0



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

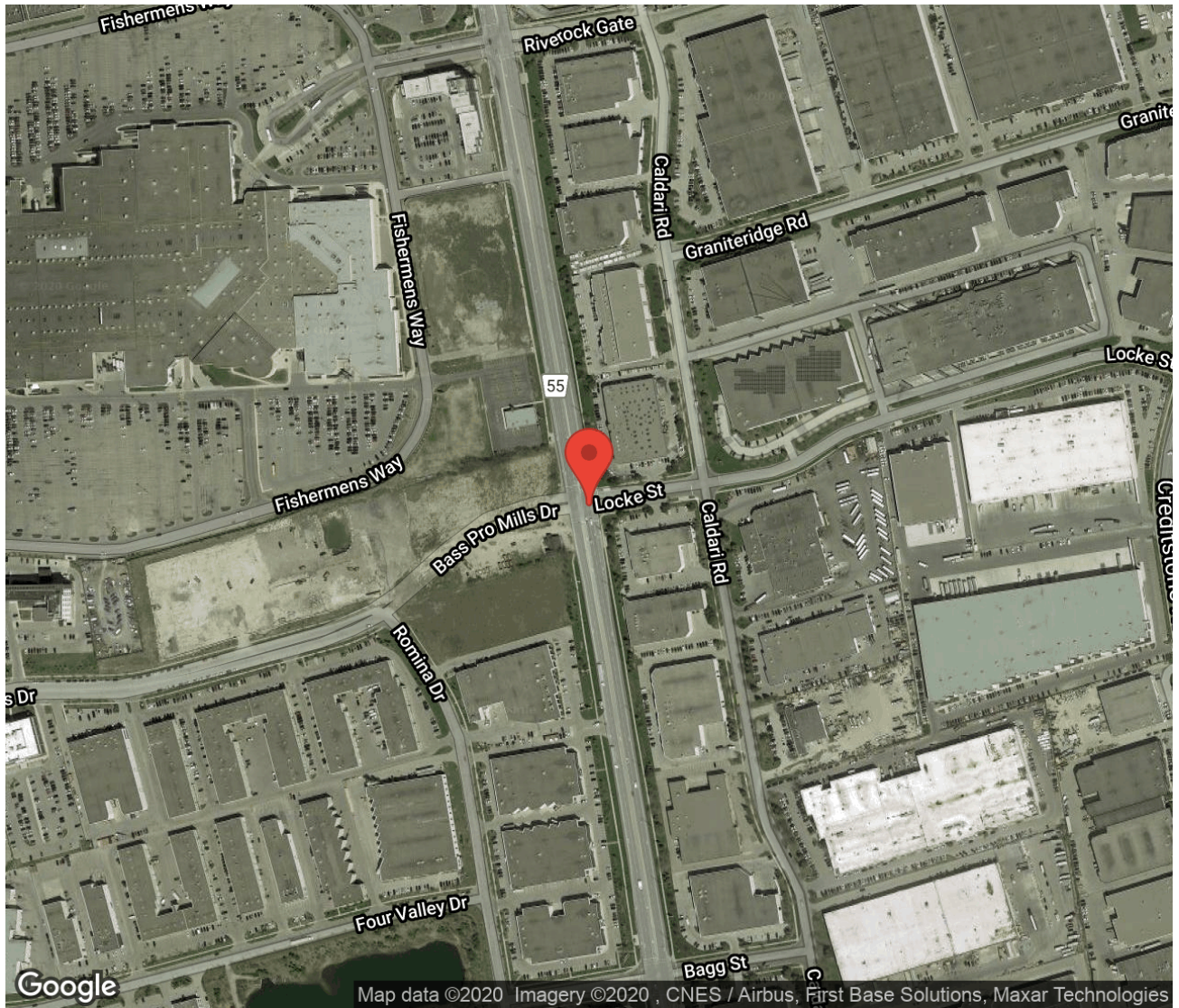
Intersection Count Report

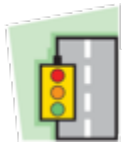
Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600130
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019



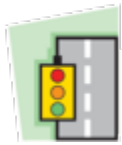


Traffic Count Summary

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	80	1702	0	0	1782	3	0	386	54	0	440	1
08:00 - 09:00	94	1695	0	0	1789	2	0	439	62	0	501	0
09:00 - 10:00	50	1351	0	0	1401	1	0	471	42	0	513	0
BREAK												
14:00 - 15:00	65	749	0	1	815	5	0	940	67	0	1007	0
15:00 - 16:00	45	793	0	0	838	6	0	1276	40	0	1316	0
16:00 - 17:00	32	672	0	0	704	11	0	1846	18	0	1864	4
17:00 - 18:00	15	555	0	0	570	3	0	1360	18	0	1378	1
18:00 - 19:00	13	625	0	0	638	3	0	1323	15	0	1338	0
GRAND TOTAL	394	8142	0	1	8537	34	0	8041	316	0	8357	6



Traffic Count Summary

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

Locke St - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	40	0	19	0	59	5	0	0	0	2	2	0
08:00 - 09:00	36	0	16	0	52	4	2	0	1	1	4	4
09:00 - 10:00	45	0	41	0	86	1	0	0	1	2	3	5
BREAK												
14:00 - 15:00	81	0	58	0	139	1	1	0	0	2	3	33
15:00 - 16:00	111	0	105	0	216	2	0	0	0	0	0	3
16:00 - 17:00	96	0	114	0	210	3	2	0	2	2	6	11
17:00 - 18:00	90	0	161	0	251	1	0	0	0	4	4	3
18:00 - 19:00	26	0	41	0	67	3	0	0	0	3	3	2
GRAND TOTAL	525	0	555	0	1080	20	5	0	4	16	25	61



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	18	356	0	0	374	3	41	0	0	44	0	1	0	0	1	0	0	0	0	0	2
07:15	16	385	0	0	401	5	49	0	0	54	0	1	0	0	1	0	0	0	0	0	0
07:30	23	364	0	0	387	1	51	0	0	52	0	2	0	0	2	0	0	0	0	0	0
07:45	14	403	0	0	417	0	46	0	0	46	0	3	0	0	3	0	0	0	0	0	1
08:00	18	396	0	0	414	3	53	0	0	56	0	2	0	0	2	0	0	0	0	0	0
08:15	16	375	0	0	391	3	37	0	0	40	0	2	0	0	2	0	0	0	0	0	1
08:30	25	385	0	0	410	3	50	0	0	53	0	2	0	0	2	0	0	0	0	0	1
08:45	22	351	0	0	373	4	41	0	0	45	0	1	0	0	1	0	0	0	0	0	0
09:00	12	368	0	0	380	3	39	0	0	42	0	4	0	0	4	0	0	0	0	0	1
09:15	12	295	0	0	307	4	51	0	0	55	0	5	0	0	5	0	0	0	0	0	0
09:30	6	254	0	0	260	4	52	0	0	56	0	4	0	0	4	0	0	0	0	0	0
09:45	6	243	0	0	249	3	35	0	0	38	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	188	4175	0	0	4363	36	545	0	0	581	0	28	0	0	28	0	0	0	0	0	6



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	14	150	0	0	164	3	33	0	0	36	0	1	0	0	1	0	0	0	0	0	0
14:15	18	165	0	0	183	3	25	0	0	28	0	2	0	0	2	0	0	0	0	0	0
14:30	11	175	0	0	186	7	33	0	0	40	2	2	0	0	4	0	0	0	0	0	2
14:45	7	134	0	1	142	0	29	0	0	29	0	0	0	0	0	0	0	0	0	0	3
15:00	11	162	0	0	173	1	25	0	0	26	0	1	0	0	1	0	0	0	0	0	0
15:15	14	193	0	0	207	2	35	0	0	37	0	1	0	0	1	0	0	0	0	0	1
15:30	6	167	0	0	173	1	27	0	0	28	0	1	0	0	1	0	1	0	0	1	5
15:45	7	150	0	0	157	3	28	0	0	31	0	2	0	0	2	0	0	0	0	0	0
16:00	5	162	0	0	167	4	19	0	0	23	0	3	0	0	3	0	0	0	0	0	2
16:15	4	127	0	0	131	3	25	0	0	28	0	1	0	0	1	0	1	0	0	1	6
16:30	10	137	0	0	147	0	22	0	0	22	0	2	0	0	2	0	0	0	0	0	1
16:45	2	160	0	0	162	4	12	0	0	16	0	1	0	0	1	0	0	0	0	0	2
17:00	4	130	0	0	134	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	1
17:15	5	155	0	0	160	2	5	0	0	7	1	1	0	0	2	0	0	0	0	0	0
17:30	1	126	0	0	127	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1
17:45	2	124	0	0	126	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	1
18:00	2	145	0	0	147	0	5	0	0	5	0	2	0	0	2	0	0	0	0	0	0
18:15	3	145	0	0	148	1	6	0	0	7	0	2	0	0	2	0	0	0	0	0	0
18:30	2	163	0	0	165	2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	3
18:45	3	148	0	0	151	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	131	3018	0	1	3150	36	347	0	0	383	3	27	0	0	30	0	2	0	0	2	28

Start Time	Cars					Trucks					Buses					Total Peds					
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total						
GRAND TOTAL	319	7193	0	1	7513	72	892	0	0	964	3	55	0	0	58	0	2	0	0	2	34





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	87	12	0	99	0	12	3	0	15	0	6	0	0	6	0	0	0	0	0	0
07:15	0	64	7	0	71	0	21	3	0	24	0	3	0	0	3	0	0	0	0	0	0
07:30	0	76	14	0	90	0	21	0	0	21	0	1	0	0	1	0	0	0	0	0	0
07:45	0	76	11	0	87	0	16	4	0	20	0	3	0	0	3	0	0	0	0	0	1
08:00	0	84	12	0	96	0	16	2	0	18	0	0	0	0	0	0	0	0	0	0	0
08:15	0	99	11	0	110	0	17	1	0	18	0	2	0	0	2	0	0	0	0	0	0
08:30	0	87	12	0	99	0	19	2	0	21	0	1	0	0	1	0	0	0	0	0	0
08:45	0	87	18	0	105	0	25	4	0	29	0	2	0	0	2	0	0	0	0	0	0
09:00	0	79	5	0	84	0	25	4	0	29	0	4	0	0	4	0	0	0	0	0	0
09:15	0	87	11	0	98	0	25	4	0	29	0	2	0	0	2	0	0	0	0	0	0
09:30	0	72	5	0	77	0	39	2	0	41	0	1	0	0	1	0	0	0	0	0	0
09:45	0	97	8	0	105	0	39	3	0	42	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	995	126	0	1121	0	275	32	0	307	0	26	0	0	26	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	171	7	0	178	0	35	3	0	38	0	1	0	0	1	0	0	0	0	0	0
14:15	0	180	21	0	201	0	43	3	0	46	0	2	0	0	2	0	0	0	0	0	0
14:30	0	193	18	0	211	0	34	3	0	37	0	1	0	0	1	0	0	0	0	0	0
14:45	0	227	12	0	239	0	50	0	0	50	0	3	0	0	3	0	0	0	0	0	0
15:00	0	232	6	0	238	0	46	3	0	49	0	1	0	0	1	0	0	0	0	0	0
15:15	0	261	17	0	278	0	49	3	0	52	0	3	0	0	3	0	0	0	0	0	0
15:30	0	295	3	0	298	0	44	1	0	45	0	2	0	0	2	0	0	0	0	0	0
15:45	0	292	5	0	297	0	51	2	0	53	0	0	0	0	0	0	0	0	0	0	0
16:00	0	423	4	0	427	0	50	2	0	52	0	1	0	0	1	0	0	0	0	0	0
16:15	0	357	4	0	361	0	35	1	0	36	0	1	0	0	1	0	1	0	0	1	4
16:30	0	471	3	0	474	0	42	0	0	42	0	3	0	0	3	0	0	0	0	0	0
16:45	0	413	2	0	415	0	48	2	0	50	0	1	0	0	1	0	0	0	0	0	0
17:00	0	123	1	0	124	0	21	0	0	21	0	0	0	0	0	0	0	0	0	0	1
17:15	0	377	9	0	386	0	34	2	0	36	0	2	0	0	2	0	0	0	0	0	0
17:30	0	350	0	0	350	0	38	3	0	41	0	0	0	0	0	0	0	0	0	0	0
17:45	0	376	2	0	378	0	38	1	0	39	0	1	0	0	1	0	0	0	0	0	0
18:00	0	378	0	0	378	0	41	2	0	43	0	1	0	0	1	0	0	0	0	0	0
18:15	0	312	3	0	315	0	33	0	0	33	0	1	0	0	1	0	0	0	0	0	0
18:30	0	283	4	0	287	0	36	0	0	36	0	2	0	0	2	0	0	0	0	0	0
18:45	0	203	5	0	208	0	32	1	0	33	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	5917	126	0	6043	0	800	32	0	832	0	27	0	0	27	0	1	0	0	1	5

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	6912	252	0	7164	0	1075	64	0	1139	0	53	0	0	53	0	1	0	0	1	6





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Locke St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	14	0	5	0	19	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	2
07:15	7	0	1	0	8	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
07:30	5	0	3	0	8	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	2
07:45	4	0	3	0	7	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1
08:00	3	0	2	0	5	4	0	1	0	5	1	0	0	0	1	0	0	0	0	0	0
08:15	5	0	4	0	9	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	2
08:30	7	0	2	0	9	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0
08:45	5	0	4	0	9	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	2
09:00	12	0	7	0	19	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
09:15	4	0	5	0	9	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
09:30	3	0	11	0	14	4	0	4	0	8	0	0	0	0	0	0	0	0	0	0	0
09:45	4	0	6	0	10	8	0	6	0	14	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	73	0	53	0	126	47	0	23	0	70	1	0	0	0	1	0	0	0	0	0	10



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Locke St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	11	0	11	0	22	6	0	4	0	10	0	0	0	0	0	0	0	0	0	0	0
14:15	13	0	13	0	26	8	0	3	0	11	1	0	0	0	1	0	0	0	0	0	0
14:30	15	0	13	0	28	10	0	2	0	12	0	0	0	0	0	0	0	0	0	0	1
14:45	10	0	10	0	20	7	0	2	0	9	0	0	0	0	0	0	0	0	0	0	0
15:00	18	0	20	0	38	7	0	7	0	14	0	0	0	0	0	0	0	0	0	0	1
15:15	19	0	21	0	40	5	0	3	0	8	0	0	0	0	0	0	0	0	0	0	0
15:30	32	0	22	0	54	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0
15:45	23	0	24	0	47	2	0	4	0	6	0	0	0	0	0	0	0	0	0	0	1
16:00	20	0	27	0	47	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	1
16:15	16	0	26	0	42	6	0	5	0	11	0	0	0	0	0	1	0	0	0	1	1
16:30	20	0	28	0	48	8	0	1	0	9	0	0	0	0	0	0	0	0	0	0	0
16:45	18	0	22	0	40	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	1
17:00	35	0	68	0	103	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	1
17:15	25	0	41	0	66	2	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0
17:30	12	0	21	0	33	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	10	0	20	0	30	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0
18:00	3	0	5	0	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
18:15	6	0	14	0	20	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
18:30	7	0	8	0	15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1
18:45	7	0	10	0	17	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	320	0	424	0	744	82	0	55	0	137	1	0	0	0	1	1	0	0	0	1	10

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	393	0	477	0	870	129	0	78	0	207	2	0	0	0	2	1	0	0	0	1	20





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

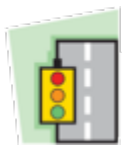
Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Bass Pro Mills Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
08:45	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
09:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	5	5	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	9

Start Time	Cars					Trucks					Buses					Total Peds				
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total					
GRAND TOTAL	0	0	1	16	17	5	0	3	0	8	0	0	0	0	0	0	0	0	0	61





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: Jane St & Locke St
Site ID: 1936600130
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1632	357	1989
	195	74	269
	9	6	15
	0	0	0
Totals	1836	437	2273

Jane St

	0	0	0	0
	0	9	0	0
	0	186	9	0
	0	1559	73	0
Totals	0	1754	82	0

East Approach

	Out	In	Total
	30	119	149
	16	18	34
	1	0	1
	0	0	0
Totals	47	137	184

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	1	0	1
0	0	0	0	0
0	0	1	0	1

Peds: 3



Peds: 2

Peds: 3

Peds: 1

Locke St

Totals				
0	0	0	0	0
16	11	5	0	0
0	0	0	0	0
31	19	11	1	0

West Approach

	Out	In	Total
	0	0	0
	2	0	2
	0	0	0
	0	0	0
Totals	2	0	2

Totals				
0	420	55	0	0
	0	346	46	0
	0	68	9	0
	0	6	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	392	1578	1970
	77	198	275
	6	10	16
	0	0	0
Totals	475	1786	2261

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Locke St
Count Date: Nov 19, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Locke St						West Approach Bass Pro Mills Dr						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:45	14	452	0	0	1	466	0	95	15	0	1	110	4	0	6	0	1	10	0	0	0	0	0	0	586
08:00	21	451	0	0	0	472	0	100	14	0	0	114	8	0	3	0	0	11	0	0	0	0	0	0	597
08:15	19	414	0	0	1	433	0	118	12	0	0	130	8	0	4	0	2	12	1	0	0	0	0	1	576
08:30	28	437	0	0	1	465	0	107	14	0	0	121	11	0	3	0	0	14	0	0	1	0	2	1	601
Grand Total	82	1754	0	0	3	1836	0	420	55	0	1	475	31	0	16	0	3	47	1	0	1	0	2	2	2360
Approach %	4.5	95.5	0	0	-	-	0	88.4	11.6	0	-	-	66	0	34	0	-	-	50	0	50	0	-	-	-
Totals %	3.5	74.3	0	0	-	77.8	0	17.8	2.3	0	-	20.1	1.3	0	0.7	0	-	2	0	0	0	0	0	0.1	-
PHF	0.73	0.97	0	0	0.97	0.97	0	0.89	0.92	0	0.91	0.91	0.7	0	0.67	0	0.84	0.84	0.25	0	0.25	0	0.5	0.5	0.98
Cars	73	1559	0	0	-	1632	0	346	46	0	-	392	19	0	11	0	-	30	0	0	0	0	0	0	2054
% Cars	89	88.9	0	0	-	88.9	0	82.4	83.6	0	-	82.5	61.3	0	68.8	0	-	63.8	0	0	0	0	0	0	87
Trucks	9	186	0	0	-	195	0	68	9	0	-	77	11	0	5	0	-	16	1	0	1	0	0	2	290
% Trucks	11	10.6	0	0	-	10.6	0	16.2	16.4	0	-	16.2	35.5	0	31.3	0	-	34	100	0	100	0	0	100	12.3
Buses	0	9	0	0	-	9	0	6	0	0	-	6	1	0	0	0	-	1	0	0	0	0	0	0	16
% Buses	0	0.5	0	0	-	0.5	0	1.4	0	0	-	1.3	3.2	0	0	0	-	2.1	0	0	0	0	0	0	0.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0
Peds	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	2	-	9
% Peds	-	-	-	-	33.3	-	-	-	-	-	11.1	-	-	-	-	-	33.3	-	-	-	-	-	22.2	-	-

Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00

Intersection: Jane St & Locke St
Site ID: 1936600130
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	607	1767	2374
	89	188	277
	7	6	13
	1	1	2
Totals	704	1962	2666

Jane St

	0	1	0	0
	0	7	0	0
	0	78	11	0
	0	586	21	0
Totals	0	672	32	0

East Approach

	Out	In	Total
	177	34	211
	32	16	48
	0	0	0
	1	0	1
Totals	210	50	260

Bass Pro Mills Dr

				Totals
0	0	0	2	2
0	0	2	0	2
0	0	0	0	0
0	0	1	1	2

Peds: 11



Peds: 11

Peds: 3

Peds: 4

Locke St

Totals				
0	0	0	0	0
114	103	11	0	0
0	0	0	0	0
96	74	21	0	1

West Approach

	Out	In	Total
	3	2	5
	3	0	3
	0	0	0
	0	0	0
Totals	6	2	8

Totals				
0	1846	18	0	0
	0	1664	13	0
	0	175	5	0
	0	6	0	0
	0	1	0	0

Jane St

South Approach

	Out	In	Total
	1677	661	2338
	180	100	280
	6	7	13
	1	2	3
Totals	1864	770	2634

- Cars

- Trucks

- Buses

- Bicycles

Comments

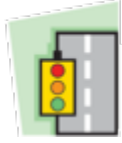


Peak Hour Summary

Intersection: Jane St & Locke St
 Count Date: Nov 19, 2019
 Period: 14:00 - 19:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Locke St						West Approach Bass Pro Mills Dr						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	9	184	0	0	2	193	0	474	6	0	0	480	23	0	30	0	1	53	1	0	0	0	1	1	727
16:15	7	154	0	0	6	161	0	394	5	0	4	399	23	0	31	0	1	54	0	0	1	1	0	2	616
16:30	10	161	0	0	1	171	0	516	3	0	0	519	28	0	29	0	0	57	0	0	1	1	4	2	749
16:45	6	173	0	0	2	179	0	462	4	0	0	466	22	0	24	0	1	46	1	0	0	0	6	1	692
Grand Total	32	672	0	0	11	704	0	1846	18	0	4	1864	96	0	114	0	3	210	2	0	2	2	11	6	2784
Approach %	4.5	95.5	0	0	-	-	0	99	1	0	-	-	45.7	0	54.3	0	-	-	33.3	0	33.3	33.3	-	-	-
Totals %	1.1	24.1	0	0	25.3	-	0	66.3	0.6	0	67	-	3.4	0	4.1	0	7.5	-	0.1	0	0.1	0.1	0.2	-	-
PHF	0.8	0.91	0	0	0.91	-	0	0.89	0.75	0	0.9	-	0.86	0	0.92	0	0.92	-	0.5	0	0.5	0.5	0.75	0.93	-
Cars	21	586	0	0	607	607	0	1664	13	0	1677	1677	74	0	103	0	177	177	0	0	1	2	3	3	2464
% Cars	65.6	87.2	0	0	86.2	86.2	0	90.1	72.2	0	90	90	77.1	0	90.4	0	84.3	84.3	0	0	50	100	50	50	88.5
Trucks	11	78	0	0	89	89	0	175	5	0	180	180	21	0	11	0	32	32	2	0	1	0	3	3	304
% Trucks	34.4	11.6	0	0	12.6	12.6	0	9.5	27.8	0	9.7	9.7	21.9	0	9.6	0	15.2	15.2	100	0	50	0	50	50	10.9
Buses	0	7	0	0	7	7	0	6	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	13
% Buses	0	1	0	0	1	1	0	0.3	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0.5
Bicycles	0	1	0	0	1	1	0	1	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	3
% Bicycles	0	0.1	0	0	0.1	0.1	0	0.1	0	0	0.1	0.1	1	0	0	0	0.5	0.5	0	0	0	0	0	0	0.1
Peds					11	11					4	4					3	3					11	11	29
% Peds					37.9	37.9					13.8	13.8					10.3	10.3					37.9	37.9	37.9



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

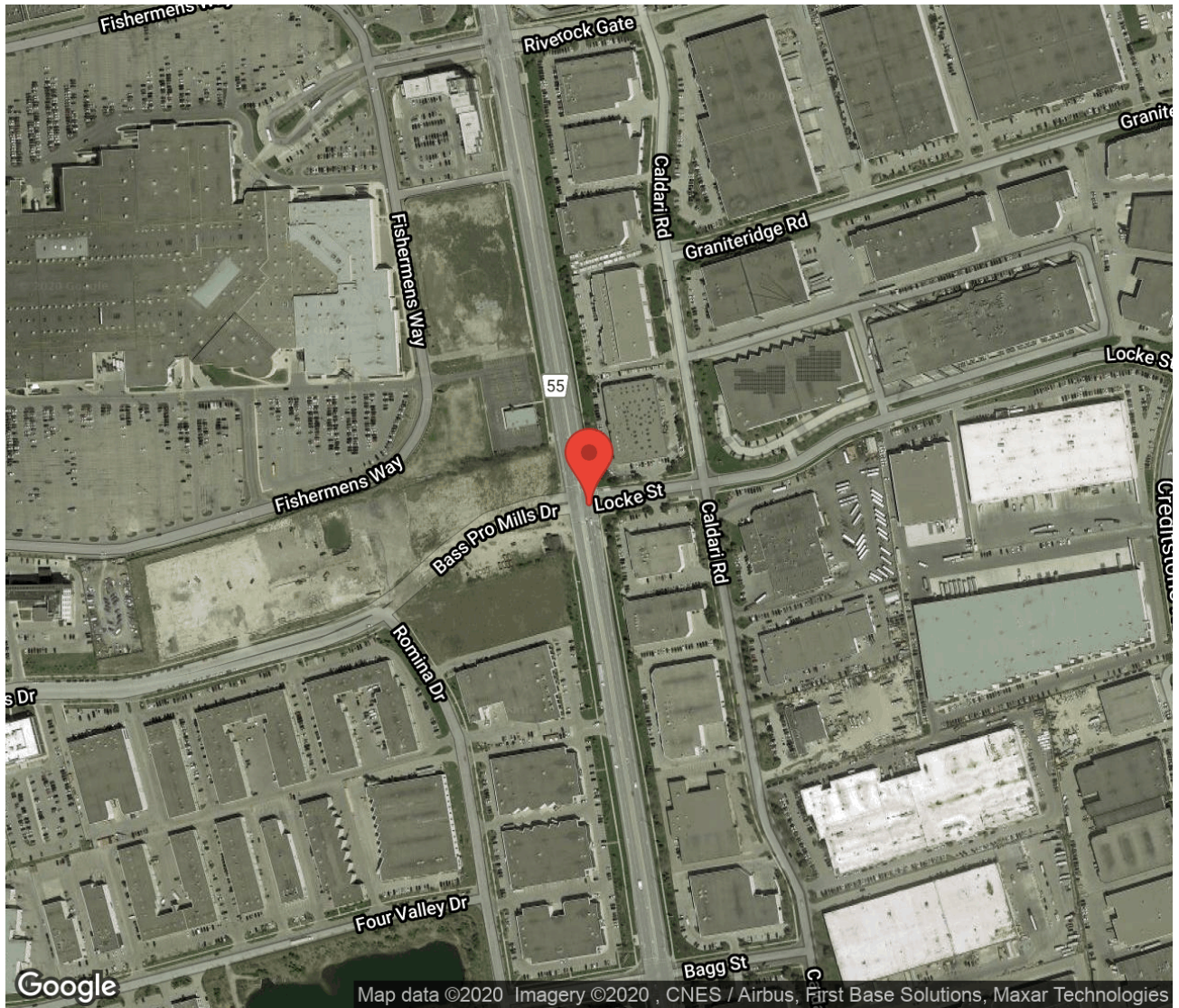
Intersection Count Report

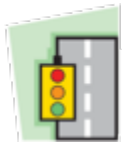
Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600131
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019



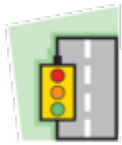


Traffic Count Summary

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	31	806	0	2	839	0	0	810	41	0	851	0
12:00 - 13:00	18	846	0	5	869	0	0	968	26	0	994	2
13:00 - 14:00	31	859	0	2	892	4	0	980	26	0	1006	0
14:00 - 15:00	18	907	0	6	931	0	0	1012	37	0	1049	0
15:00 - 16:00	22	854	0	1	877	0	0	981	20	1	1002	0
16:00 - 17:00	14	767	0	2	783	0	0	912	11	1	924	0
17:00 - 18:00	15	800	0	3	818	0	0	759	14	1	774	0
18:00 - 19:00	13	679	0	4	696	0	0	593	22	1	616	0
GRAND TOTAL	162	6518	0	25	6705	4	0	7015	197	4	7216	2



Traffic Count Summary

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

Locke St - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	34	0	24	0	58	0	0	1	0	0	1	0
12:00 - 13:00	26	3	36	0	65	1	0	0	0	0	0	0
13:00 - 14:00	33	0	28	0	61	4	0	0	0	0	0	0
14:00 - 15:00	43	0	28	0	71	0	0	0	1	0	1	0
15:00 - 16:00	40	0	27	0	67	0	0	0	0	0	0	0
16:00 - 17:00	28	1	22	0	51	0	0	0	0	0	0	0
17:00 - 18:00	18	0	12	0	30	1	0	0	0	0	0	0
18:00 - 19:00	15	0	13	0	28	0	0	0	0	0	0	0
GRAND TOTAL	237	4	190	0	431	6	0	1	1	0	2	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	2	166	0	1	169	1	18	0	0	19	0	1	0	0	1	0	0	0	0	0	0
11:15	8	182	0	0	190	6	14	0	0	20	0	1	0	0	1	0	0	0	0	0	0
11:30	6	187	0	0	193	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
11:45	7	203	0	1	211	1	16	0	0	17	0	1	0	0	1	0	0	0	0	0	0
12:00	3	170	0	0	173	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
12:15	2	201	0	0	203	1	11	0	0	12	0	2	0	0	2	0	0	0	0	0	0
12:30	8	224	0	4	236	1	12	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:45	2	191	0	1	194	1	18	0	0	19	0	1	0	0	1	0	0	0	0	0	0
13:00	6	213	0	1	220	2	6	0	0	8	0	1	0	0	1	0	0	0	0	0	0
13:15	8	197	0	1	206	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	4
13:30	6	198	0	0	204	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
13:45	9	217	0	0	226	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
14:00	0	203	0	0	203	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
14:15	1	241	0	0	242	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
14:30	8	211	0	2	221	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
14:45	9	214	0	4	227	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
15:00	11	222	0	1	234	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0
15:15	4	212	0	0	216	0	6	0	0	6	0	2	0	0	2	0	0	0	0	0	0
15:30	2	182	0	0	184	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
15:45	2	208	0	0	210	1	8	0	0	9	1	1	0	0	2	0	0	0	0	0	0
16:00	2	176	0	0	178	2	3	0	0	5	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	210	0	1	211	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
16:30	3	172	0	1	176	1	7	0	0	8	0	1	0	0	1	0	0	0	0	0	0
16:45	5	185	0	0	190	1	5	0	0	6	0	1	0	0	1	0	0	0	0	0	0
17:00	3	199	0	0	202	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
17:15	2	192	0	1	195	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
17:30	2	206	0	0	208	1	1	0	0	2	0	1	0	0	1	0	0	0	0	0	0
17:45	6	187	0	2	195	0	1	0	0	1	1	1	0	0	2	0	0	0	0	0	0
18:00	4	197	0	1	202	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
18:15	5	161	0	0	166	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
18:30	2	152	0	2	156	0	1	0	0	1	1	1	0	0	2	0	0	0	0	0	0
18:45	1	158	0	1	160	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	139	6237	0	25	6401	20	251	0	0	271	3	30	0	0	33	0	0	0	0	0	4
GRAND TOTAL	139	6237	0	25	6401	20	251	0	0	271	3	30	0	0	33	0	0	0	0	0	4



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	224	7	0	231	0	13	1	0	14	0	1	0	0	1	0	0	0	0	0	0
11:15	0	184	6	0	190	0	7	5	0	12	0	1	0	0	1	0	0	0	0	0	0
11:30	0	202	9	0	211	0	17	2	0	19	0	0	0	0	0	0	0	0	0	0	0
11:45	0	146	9	0	155	0	14	2	0	16	0	1	0	0	1	0	0	0	0	0	0
12:00	0	255	5	0	260	0	18	1	0	19	0	1	0	0	1	0	0	0	0	0	1
12:15	0	207	7	0	214	0	13	1	0	14	0	1	0	0	1	0	0	0	0	0	0
12:30	0	223	8	0	231	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	1
12:45	0	225	3	0	228	0	14	1	0	15	0	1	0	0	1	0	0	0	0	0	0
13:00	0	208	3	0	211	0	24	3	0	27	0	0	0	0	0	0	1	0	0	1	0
13:15	0	245	5	0	250	0	10	1	0	11	0	3	0	0	3	0	0	0	0	0	0
13:30	0	223	5	0	228	0	16	1	0	17	0	1	0	0	1	0	0	0	0	0	0
13:45	0	231	8	0	239	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
14:00	0	215	2	0	217	0	8	2	0	10	0	1	0	0	1	0	0	0	0	0	0
14:15	0	240	10	0	250	0	14	1	0	15	0	1	0	0	1	0	0	0	0	0	0
14:30	0	276	7	0	283	0	12	1	0	13	0	1	0	0	1	0	0	0	0	0	0
14:45	0	236	14	0	250	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
15:00	0	250	6	0	256	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
15:15	0	238	3	0	241	0	11	1	0	12	0	1	0	0	1	0	0	0	0	0	0
15:30	0	241	6	0	247	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0
15:45	0	203	2	1	206	0	11	1	0	12	0	1	0	0	1	0	0	0	0	0	0
16:00	0	220	2	0	222	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	205	2	1	208	0	10	1	0	11	0	1	0	0	1	0	0	0	0	0	0
16:30	0	236	1	0	237	0	8	1	0	9	0	1	0	0	1	0	0	0	0	0	0
16:45	0	215	2	0	217	0	6	2	0	8	0	1	0	0	1	0	0	0	0	0	0
17:00	0	199	5	1	205	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
17:15	0	173	2	0	175	0	5	1	0	6	0	2	0	0	2	0	0	0	0	0	0
17:30	0	199	0	0	199	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
17:45	0	165	6	0	171	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:00	0	175	4	0	179	0	4	2	0	6	0	1	0	0	1	0	0	0	0	0	0
18:15	0	141	9	1	151	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
18:30	0	148	2	0	150	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
18:45	0	115	5	0	120	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	6663	165	4	6832	0	320	32	0	352	0	31	0	0	31	0	1	0	0	1	2
GRAND TOTAL	0	6663	165	4	6832	0	320	32	0	352	0	31	0	0	31	0	1	0	0	1	2



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Locke St
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Locke St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	5	0	7	0	12	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	5	0	5	0	10	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	4	0	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	4	0	5	0	9	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:15	6	0	3	0	9	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	2	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	7	0	3	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	3	0	4	0	7	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
18:30	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	199	0	175	0	374	38	4	13	0	55	0	0	1	0	1	0	0	1	0	1	6
GRAND TOTAL	199	0	175	0	374	38	4	13	0	55	0	0	1	0	1	0	0	1	0	1	6



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Jane St & Locke St
Site ID: 1936600131
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	856	935	1791
	32	69	101
	4	5	9
	0	1	1
Totals	892	1010	1902

Jane St

	0	0	0	0
	0	4	0	0
	0	30	2	0
	0	825	29	2
Totals	0	859	31	2

East Approach

	Out	In	Total
	53	50	103
	8	7	15
	0	0	0
	0	0	0
Totals	61	57	118

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Peds: 4



Peds: 0

Peds: 4

Peds: 0

Locke St

Totals				
0	0	0	0	0
28	26	2	0	0
0	0	0	0	0
33	27	6	0	0

West Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Totals				
0	980	26	0	
	0	907	21	0
	0	67	5	0
	0	5	0	0
	0	1	0	0

Jane St

South Approach

	Out	In	Total
	928	852	1780
	72	36	108
	5	4	9
	1	0	1
Totals	1006	892	1898

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Locke St
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Locke St						West Approach Bass Pro Mills Dr						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
13:00	8	220	0	1	0	229	0	233	6	0	0	239	10	0	7	0	0	17	0	0	0	0	0	0	485	
13:15	8	203	0	1	4	212	0	258	6	0	0	264	6	0	5	0	4	11	0	0	0	0	0	0	487	
13:30	6	207	0	0	0	213	0	240	6	0	0	246	5	0	6	0	0	11	0	0	0	0	0	0	470	
13:45	9	229	0	0	0	238	0	249	8	0	0	257	12	0	10	0	0	22	0	0	0	0	0	0	517	
Grand Total	31	859	0	2	4	892	0	980	26	0	0	1006	33	0	28	0	4	61	0	0	0	0	0	0	1959	
Approach %	3.5	96.3	0	0.2	-	-	0	97.4	2.6	0	-	-	54.1	0	45.9	0	-	-	0	0	0	0	0	0	-	-
Totals %	1.6	43.8	0	0.1	-	45.5	0	50	1.3	0	-	51.4	1.7	0	1.4	0	-	3.1	0	0	0	0	0	0	0	
PHF	0.86	0.94	0	0.5	-	0.94	0	0.95	0.81	0	-	0.95	0.69	0	0.7	0	-	0.69	0	0	0	0	0	0	0.95	
Cars	29	825	0	2	-	856	0	907	21	0	-	928	27	0	26	0	-	53	0	0	0	0	0	0	1837	
% Cars	93.5	96	0	100	-	96	0	92.6	80.8	0	-	92.2	81.8	0	92.9	0	-	86.9	0	0	0	0	0	0	93.8	
Trucks	2	30	0	0	-	32	0	67	5	0	-	72	6	0	2	0	-	8	0	0	0	0	0	0	112	
% Trucks	6.5	3.5	0	0	-	3.6	0	6.8	19.2	0	-	7.2	18.2	0	7.1	0	-	13.1	0	0	0	0	0	0	5.7	
Buses	0	4	0	0	-	4	0	5	0	0	-	5	0	0	0	0	-	0	0	0	0	0	0	0	9	
% Buses	0	0.5	0	0	-	0.4	0	0.5	0	0	-	0.5	0	0	0	0	-	0	0	0	0	0	0	0	0.5	
Bicycles	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	0	0	1	
% Bicycles	0	0	0	0	-	0	0	0.1	0	0	-	0.1	0	0	0	0	-	0	0	0	0	0	0	0	0.1	
Peds	-	-	-	-	4	-	-	-	-	0	-	-	-	-	-	-	4	-	-	-	-	0	-	-	8	
% Peds	-	-	-	-	50	-	-	-	-	0	-	-	-	-	-	-	50	-	-	-	-	0	-	-	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:15:00
To: 15:15:00

Intersection: Jane St & Locke St
Site ID: 1936600131
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	924	1028	1952
	31	48	79
	3	2	5
	0	0	0
Totals	958	1078	2036

Jane St

	0	0	0	0
	0	3	0	0
	0	30	1	0
	0	888	29	7
Totals	0	921	30	7

East Approach

	Out	In	Total
	62	66	128
	11	3	14
	0	0	0
	0	0	0
Totals	73	69	142

Bass Pro Mills Dr

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	1	1

Peds: 0



Peds: 0

Peds: 0

Peds: 0

Locke St

Totals				
0	0	0	0	0
21	19	2	0	0
0	0	0	0	0
52	43	9	0	0

West Approach

	Out	In	Total
	1	0	1
	0	0	0
	0	0	0
	0	0	0
Totals	1	0	1

Totals				
0	1002	37	0	0
0	46	2	0	0
0	2	0	0	0
0	0	0	0	0

Jane St

South Approach

	Out	In	Total
	1039	932	1971
	48	39	87
	2	3	5
	0	0	0
Totals	1089	974	2063

- Cars

- Trucks

- Buses

- Bicycles

Comments



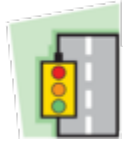
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Locke St
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:15 - 15:15)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Locke St						West Approach Bass Pro Mills Dr						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
14:15	1	249	0	0	0	250	0	255	11	0	0	266	12	0	8	0	0	20	0	0	0	0	0	0	536
14:30	8	216	0	2	0	226	0	289	8	0	0	297	11	0	7	0	0	18	0	0	1	0	0	1	542
14:45	9	227	0	4	0	240	0	244	14	0	0	258	13	0	4	0	0	17	0	0	0	0	0	0	515
15:00	12	229	0	1	0	242	0	262	6	0	0	268	16	0	2	0	0	18	0	0	0	0	0	0	528
Grand Total	30	921	0	7	0	958	0	1050	39	0	0	1089	52	0	21	0	0	73	0	0	1	0	0	1	2121
Approach %	3.1	96.1	0	0.7	-	-	0	96.4	3.6	0	-	-	71.2	0	28.8	0	-	-	0	0	100	0	-	-	-
Totals %	1.4	43.4	0	0.3	-	45.2	0	49.5	1.8	0	-	51.3	2.5	0	1	0	-	3.4	0	0	0	0	-	0	-
PHF	0.63	0.92	0	0.44	0	0.96	0	0.91	0.7	0	0	0.92	0.81	0	0.66	0	0	0.91	0	0	0.25	0	0	0.25	0.98
Cars	29	888	0	7	0	924	0	1002	37	0	0	1039	43	0	19	0	0	62	0	0	1	0	0	1	2026
% Cars	96.7	96.4	0	100	0	96.5	0	95.4	94.9	0	0	95.4	82.7	0	90.5	0	0	84.9	0	0	100	0	0	100	95.5
Trucks	1	30	0	0	0	31	0	46	2	0	0	48	9	0	2	0	0	11	0	0	0	0	0	0	90
% Trucks	3.3	3.3	0	0	0	3.2	0	4.4	5.1	0	0	4.4	17.3	0	9.5	0	0	15.1	0	0	0	0	0	0	4.2
Buses	0	3	0	0	0	3	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
% Buses	0	0.3	0	0	0	0.3	0	0.2	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.2
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	0



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

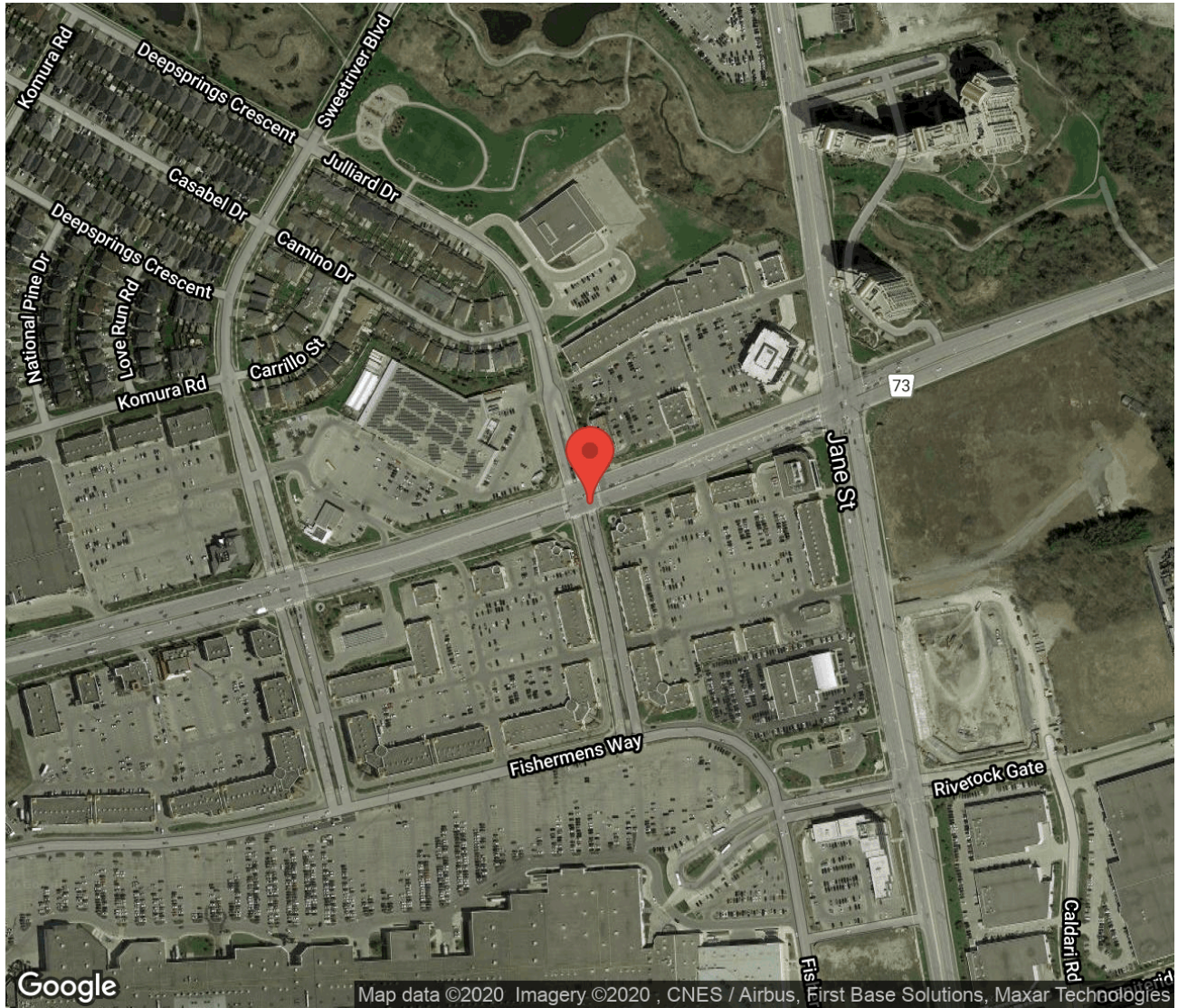
Intersection Count Report

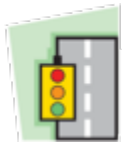
Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600132
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019



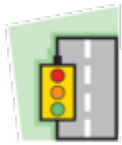


Traffic Count Summary

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

Julliard Dr - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	84	78	76	1	239	2	53	30	28	0	111	2
08:00 - 09:00	74	99	75	0	248	6	45	45	50	0	140	3
09:00 - 10:00	62	94	45	0	201	4	66	59	91	0	216	9
BREAK												
14:00 - 15:00	65	48	84	1	198	11	222	111	234	0	567	8
15:00 - 16:00	69	37	71	0	177	12	220	135	275	0	630	1
16:00 - 17:00	43	66	109	0	218	10	256	229	238	0	723	10
17:00 - 18:00	57	54	102	0	213	3	257	219	222	0	698	6
18:00 - 19:00	42	43	82	0	167	0	188	133	157	0	478	7
GRAND TOTAL	496	519	644	2	1661	48	1307	961	1295	0	3563	46



Traffic Count Summary

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	45	1552	41	1	1639	5	75	1557	60	0	1692	3
08:00 - 09:00	87	1337	25	2	1451	5	85	1674	86	0	1845	3
09:00 - 10:00	118	1032	23	0	1173	8	88	1247	84	1	1420	4
BREAK												
14:00 - 15:00	114	1145	47	1	1307	5	117	1205	57	1	1380	12
15:00 - 16:00	106	1584	55	1	1746	10	133	1201	49	1	1384	9
16:00 - 17:00	89	1541	55	1	1686	22	123	1000	49	0	1172	14
17:00 - 18:00	108	1518	65	2	1693	6	158	918	65	0	1141	6
18:00 - 19:00	134	1329	68	1	1532	6	118	1148	56	3	1325	0
GRAND TOTAL	801	11038	379	9	12227	67	897	9950	506	6	11359	51



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Julliard Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total		
07:00	16	10	14	0	40	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
07:15	18	18	10	0	46	3	1	3	0	7	1	0	0	0	1	0	0	0	0	0	0	0
07:30	18	26	17	0	61	3	1	5	0	9	0	1	0	0	1	0	0	0	0	0	0	0
07:45	15	19	22	1	57	2	1	4	0	7	6	0	1	0	7	0	0	0	0	0	0	2
08:00	20	20	32	0	72	0	0	5	0	5	2	0	0	0	2	0	0	0	0	0	0	0
08:15	22	21	9	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:30	13	28	10	0	51	1	1	4	0	6	0	0	0	0	0	0	0	0	0	0	0	3
08:45	15	28	14	0	57	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	1
09:00	19	26	4	0	49	2	1	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0
09:15	12	24	13	0	49	2	1	2	0	5	0	0	0	0	0	0	0	0	0	0	0	3
09:30	14	19	8	0	41	2	1	2	0	5	0	0	0	0	0	0	0	0	0	0	0	1
09:45	10	22	12	0	44	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	192	261	165	1	619	19	9	30	0	58	9	1	1	0	11	0	0	0	0	0	0	12



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Julliard Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	9	10	17	1	37	2	1	2	0	5	0	0	0	0	0	0	0	0	0	0	3
14:15	16	11	9	0	36	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	1
14:30	15	16	22	0	53	4	1	5	0	10	0	0	3	0	3	0	0	0	0	0	2
14:45	11	8	24	0	43	3	1	0	0	4	1	0	0	0	1	0	0	0	0	0	5
15:00	16	8	19	0	43	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	2
15:15	15	14	20	0	49	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	1
15:30	15	5	18	0	38	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1
15:45	17	7	11	0	35	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	8
16:00	11	14	15	0	40	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	2
16:15	8	11	20	0	39	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	1
16:30	9	23	27	0	59	0	1	5	0	6	0	0	0	0	0	0	0	0	0	0	4
16:45	13	17	32	0	62	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	3
17:00	15	12	34	0	61	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	2
17:15	16	13	25	0	54	1	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	8	6	18	0	32	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	14	21	16	0	51	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
18:00	9	15	17	0	41	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:15	16	11	17	0	44	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:30	7	5	30	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	10	12	15	0	37	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	250	239	406	1	896	25	9	39	0	73	1	0	3	0	4	0	0	0	0	0	36

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	442	500	571	2	1515	44	18	69	0	131	10	1	4	0	15	0	0	0	0	0	48





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Julliard Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	8	7	4	0	19	1	0	3	0	4	0	0	1	0	1	0	0	0	0	0	0
07:15	8	7	4	0	19	5	1	1	0	7	3	0	0	0	3	0	0	0	0	0	0
07:30	9	7	6	0	22	4	1	0	0	5	0	0	1	0	1	0	0	0	0	0	0
07:45	9	6	7	0	22	5	1	0	0	6	1	0	1	0	2	0	0	0	0	0	2
08:00	9	13	5	0	27	1	2	1	0	4	0	0	2	0	2	0	0	0	0	0	0
08:15	6	7	8	0	21	3	4	0	0	7	1	0	1	0	2	0	0	0	0	0	0
08:30	10	9	16	0	35	1	0	2	0	3	0	0	2	0	2	0	0	0	0	0	1
08:45	10	7	9	0	26	3	3	3	0	9	1	0	1	0	2	0	0	0	0	0	2
09:00	20	12	9	0	41	2	0	1	0	3	0	0	1	0	1	0	0	0	0	0	0
09:15	12	16	10	0	38	1	3	1	0	5	2	0	2	0	4	0	0	0	0	0	6
09:30	10	13	30	0	53	3	1	0	0	4	0	0	1	0	1	0	0	0	0	0	3
09:45	14	12	31	0	57	1	2	3	0	6	1	0	2	0	3	0	0	0	0	0	0
SUBTOTAL	125	116	139	0	380	30	18	15	0	63	9	0	15	0	24	0	0	0	0	0	14

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1169	888	1209	0	3266	119	73	49	0	241	19	0	37	0	56	0	0	0	0	0	46





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	11	297	5	1	314	1	58	2	0	61	0	2	2	0	4	0	0	0	0	0	0
07:15	8	366	9	0	383	0	56	1	0	57	2	0	0	0	2	0	0	0	0	0	0
07:30	9	323	7	0	339	0	73	0	0	73	0	3	1	0	4	0	0	0	0	0	0
07:45	12	315	14	0	341	1	58	0	0	59	1	1	0	0	2	0	0	0	0	0	5
08:00	14	257	8	0	279	3	55	0	0	58	1	1	0	0	2	0	0	0	0	0	0
08:15	19	310	6	0	335	1	54	1	0	56	1	1	0	0	2	0	0	0	0	0	0
08:30	14	313	4	1	332	2	56	0	0	58	0	2	0	0	2	0	0	0	0	0	3
08:45	28	229	6	1	264	3	56	0	0	59	1	3	0	0	4	0	0	0	0	0	2
09:00	17	167	3	0	187	1	55	1	0	57	1	1	0	0	2	0	0	0	0	0	2
09:15	20	222	8	0	250	3	52	0	0	55	1	6	0	0	7	0	0	0	0	0	3
09:30	31	191	4	0	226	4	56	0	0	60	0	3	0	0	3	0	0	0	0	0	1
09:45	35	210	6	0	251	2	66	1	0	69	3	3	0	0	6	0	0	0	0	0	2
SUBTOTAL	218	3200	80	3	3501	21	695	6	0	722	11	26	3	0	40	0	0	0	0	0	18



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	24	212	5	0	241	1	46	0	0	47	0	1	1	0	2	0	0	0	0	0	1
14:15	25	243	11	0	279	1	45	3	0	49	2	2	3	0	7	0	0	0	0	0	2
14:30	28	228	17	1	274	0	58	1	0	59	0	2	0	0	2	0	0	0	0	0	1
14:45	30	237	5	0	272	1	68	1	0	70	2	3	0	0	5	0	0	0	0	0	1
15:00	25	336	11	0	372	1	71	1	0	73	0	2	0	0	2	0	0	0	0	0	0
15:15	25	353	13	0	391	1	66	0	0	67	1	1	0	0	2	0	0	0	0	0	3
15:30	23	319	17	1	360	1	62	1	0	64	1	0	0	0	1	0	0	0	0	0	3
15:45	25	325	12	0	362	2	46	0	0	48	1	3	0	0	4	0	0	0	0	0	4
16:00	24	310	4	1	339	2	61	0	0	63	0	0	0	0	0	0	0	0	0	0	1
16:15	24	346	18	0	388	0	54	1	0	55	1	5	0	0	6	0	0	0	0	0	5
16:30	15	341	16	0	372	0	51	1	0	52	2	0	0	0	2	0	0	0	0	0	11
16:45	21	326	14	0	361	0	47	1	0	48	0	0	0	0	0	0	0	0	0	0	5
17:00	19	335	15	0	369	3	43	0	0	46	1	0	0	0	1	0	0	0	0	0	0
17:15	26	349	17	1	393	1	47	0	0	48	2	0	0	0	2	0	0	0	0	0	1
17:30	17	313	25	1	356	3	40	0	0	43	1	0	0	0	1	0	0	0	0	0	1
17:45	33	345	8	0	386	1	46	0	0	47	1	0	0	0	1	0	0	0	0	0	4
18:00	31	320	11	0	362	0	42	1	0	43	2	0	0	0	2	0	0	0	0	0	2
18:15	28	307	18	0	353	0	34	0	0	34	0	0	0	0	0	0	0	0	0	0	1
18:30	36	285	19	0	340	1	36	0	0	37	1	0	0	0	1	0	0	0	0	0	2
18:45	34	281	19	1	335	0	24	0	0	24	1	0	0	0	1	0	0	0	0	0	1
SUBTOTAL	513	6111	275	6	6905	19	987	11	0	1017	19	19	4	0	42	0	0	0	0	0	49

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	731	9311	355	9	10406	40	1682	17	0	1739	30	45	7	0	82	0	0	0	0	0	67





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

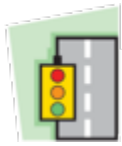
Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	9	294	18	0	321	2	43	0	0	45	0	1	1	0	2	0	1	0	0	1	1
07:15	16	329	12	0	357	3	37	0	0	40	0	1	0	0	1	0	0	0	0	0	0
07:30	20	389	11	0	420	1	41	1	0	43	2	5	0	0	7	0	0	0	0	0	0
07:45	20	363	15	0	398	2	51	1	0	54	0	2	1	0	3	0	0	0	0	0	2
08:00	23	389	17	0	429	2	45	2	0	49	0	3	2	0	5	0	1	0	0	1	2
08:15	14	394	18	0	426	0	58	2	0	60	0	1	0	0	1	0	0	0	0	0	0
08:30	20	342	21	0	383	2	55	2	0	59	0	0	1	0	1	0	0	0	0	0	1
08:45	22	335	18	0	375	2	46	3	0	51	0	5	0	0	5	0	0	0	0	0	0
09:00	27	273	17	0	317	1	57	1	0	59	0	3	0	0	3	0	1	0	0	1	1
09:15	20	272	23	0	315	1	59	3	0	63	0	1	0	0	1	0	0	0	0	0	1
09:30	21	257	15	1	294	1	59	2	0	62	0	0	3	0	3	0	0	0	0	0	1
09:45	13	209	18	0	240	4	56	2	0	62	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	225	3846	203	1	4275	21	607	19	0	647	2	22	8	0	32	0	3	0	0	3	10

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	815	8607	461	6	9889	75	1300	27	0	1402	7	40	18	0	65	0	3	0	0	3	51





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00

Intersection: Rutherford Rd & Julliard Dr
Site ID: 1936600132
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	242	146	388
	21	14	35
	10	3	13
	0	0	0
Totals	273	163	436

Julliard Dr

	0	0	0	0
	1	1	8	0
	14	2	5	0
	80	86	75	1
Totals	95	89	88	1

East Approach

	Out	In	Total
	1294	1636	2930
	246	201	447
	10	24	34
	0	1	1
Totals	1550	1862	3412

Rutherford Rd

					Totals
	0	0	0	0	0
	0	2	5	77	84
	1	11	195	1535	1742
	0	3	6	61	70

Peds: 4



Peds: 4

Peds: 5

Peds: 2

Rutherford Rd

Totals				
	0	0	0	0
	37	35	1	1
	1451	1205	240	6
	62	54	5	3

West Approach

	Out	In	Total
	1673	1318	2991
	206	267	473
	16	9	25
	1	0	1
Totals	1896	1594	3490

Totals				
	48	41	32	0
	33	33	26	0
	13	8	1	0
	2	0	5	0
	0	0	0	0

Julliard Dr

South Approach

	Out	In	Total
	92	201	293
	22	13	35
	7	7	14
	0	0	0
Totals	121	221	342

- Cars

- Trucks

- Buses

- Bicycles

Comments



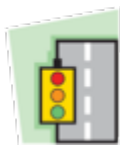
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Peak Hour Summary

Intersection: Rutherford Rd & Julliard Dr
Count Date: Nov 19, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Julliard Dr						South Approach Julliard Dr						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	21	28	22	0	0	71	13	8	7	0	0	28	9	399	8	0	0	416	23	435	12	0	0	470	985
07:45	23	20	27	1	2	71	15	7	8	0	2	30	14	374	14	0	5	402	22	416	17	0	2	455	958
08:00	22	20	37	0	0	79	10	15	8	0	0	33	18	313	8	0	0	339	25	438	21	0	2	484	935
08:15	22	21	9	0	2	52	10	11	9	0	0	30	21	365	7	0	0	393	14	453	20	0	0	487	962
Grand Total	88	89	95	1	4	273	48	41	32	0	2	121	62	1451	37	0	5	1550	84	1742	70	0	4	1896	3840
Approach %	32.2	32.6	34.8	0.4	-	-	39.7	33.9	26.4	0	-	-	4	93.6	2.4	0	-	-	4.4	91.9	3.7	0	-	-	-
Totals %	2.3	2.3	2.5	0	7.1	-	1.3	1.1	0.8	0	3.2	-	1.6	37.8	1	0	40.4	-	2.2	45.4	1.8	0	-	49.4	-
PHF	0.96	0.79	0.64	0.25	0.86	-	0.8	0.68	0.89	0	0.92	-	0.74	0.91	0.66	0	0.93	-	0.84	0.96	0.83	0	0.97	0.97	-
Cars	75	86	80	1	-	242	33	33	26	0	92	54	1205	35	0	1294	77	1535	61	0	1673	3301			
% Cars	85.2	96.6	84.2	100	-	88.6	68.8	80.5	81.3	0	76	87.1	83	94.6	0	83.5	91.7	88.1	87.1	0	88.2	86	86		
Trucks	5	2	14	0	-	21	13	8	1	0	22	5	240	1	0	246	5	195	6	0	206	495			
% Trucks	5.7	2.2	14.7	0	-	7.7	27.1	19.5	3.1	0	18.2	8.1	16.5	2.7	0	15.9	6	11.2	8.6	0	10.9	12.9	12.9		
Buses	8	1	1	0	-	10	2	0	5	0	7	3	6	1	0	10	2	11	3	0	16	43			
% Buses	9.1	1.1	1.1	0	-	3.7	4.2	0	15.6	0	5.8	4.8	0.4	2.7	0	0.6	2.4	0.6	4.3	0	0.8	1.1	1.1		
Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1			
% Bicycles	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0			
Peds	-	-	-	-	4	-	-	-	-	-	2	-	-	-	-	-	5	-	-	-	-	-	4	-	15
% Peds	-	-	-	-	26.7	-	-	-	-	-	13.3	-	-	-	-	-	33.3	-	-	-	-	-	26.7	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Rutherford Rd & Julliard Dr
Site ID: 1936600132
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	165	301	466
	12	22	34
	0	0	0
	0	0	0
Totals	177	323	500

Julliard Dr

	0	0	0	0
	0	0	0	0
	3	3	6	0
	68	34	63	0
Totals	71	37	69	0

East Approach

	Out	In	Total
	1485	1324	2809
	252	213	465
	9	9	18
	0	0	0
Totals	1746	1546	3292

Rutherford Rd

					Totals
	0	0	0	1	1
	0	0	9	124	133
	0	4	198	999	1201
	0	2	2	45	49

Peds: 12

Peds: 9



Peds: 10

Peds: 1

Rutherford Rd

Totals				
1	1	0	0	0
55	53	2	0	0
1584	1333	245	6	0
106	98	5	3	0

West Approach

	Out	In	Total
	1169	1598	2767
	209	270	479
	6	8	14
	0	0	0
Totals	1384	1876	3260

Totals				
220	220	135	275	0
	196	124	261	0
	22	11	9	0
	2	0	5	0
	0	0	0	0

Julliard Dr

South Approach

Out	In	Total
581	177	758
42	10	52
7	5	12
0	0	0
630	192	822

- Cars

- Trucks

- Buses

- Bicycles

Comments



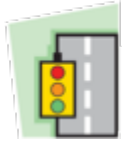
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TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Julliard Dr
Count Date: Nov 19, 2019
Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach Julliard Dr						South Approach Julliard Dr						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:00	18	9	19	0	2	46	52	31	51	0	0	134	26	409	12	0	0	447	20	285	10	1	2	316	943
15:15	18	14	21	0	1	53	60	37	82	0	0	179	27	420	13	0	3	460	37	324	14	0	0	375	1067
15:30	15	5	20	0	1	40	55	29	73	0	1	157	25	381	18	1	3	425	41	289	18	0	3	348	970
15:45	18	9	11	0	8	38	53	38	69	0	0	160	28	374	12	0	4	414	35	303	7	0	4	345	957
Grand Total	69	37	71	0	12	177	220	135	275	0	1	630	106	1584	55	1	10	1746	133	1201	49	1	9	1384	3937
Approach %	39	20.9	40.1	0	-	-	34.9	21.4	43.7	0	-	-	6.1	90.7	3.2	0.1	-	-	9.6	86.8	3.5	0.1	-	-	-
Totals %	1.8	0.9	1.8	0	4.5	16	5.6	3.4	7	0	16	2.7	40.2	1.4	0	44.3	3.4	30.5	1.2	0	35.2				
PHF	0.96	0.66	0.85	0	0.83	0.88	0.92	0.89	0.84	0	0.88	0.95	0.94	0.76	0.25	0.95	0.81	0.93	0.68	0.25	0.92	0.92			
Cars	63	34	68	0	165	581	196	124	261	0	581	98	1333	53	1	1485	124	999	45	1	1169	3400			
% Cars	91.3	91.9	95.8	0	93.2	92.2	89.1	91.9	94.9	0	92.2	92.5	84.2	96.4	100	85.1	93.2	83.2	91.8	100	84.5	86.4			
Trucks	6	3	3	0	12	42	22	11	9	0	42	5	245	2	0	252	9	198	2	0	209	515			
% Trucks	8.7	8.1	4.2	0	6.8	6.7	10	8.1	3.3	0	6.7	4.7	15.5	3.6	0	14.4	6.8	16.5	4.1	0	15.1	13.1			
Buses	0	0	0	0	0	7	2	0	5	0	7	3	6	0	0	9	0	4	2	0	6	22			
% Buses	0	0	0	0	0	1.1	0.9	0	1.8	0	1.1	2.8	0.4	0	0	0.5	0	0.3	4.1	0	0.4	0.6			
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Peds					12	-					1	-					10	-					9	-	32
% Peds					37.5	-					3.1	-					31.3	-					28.1	-	



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Project #19366 - City of Vaughan

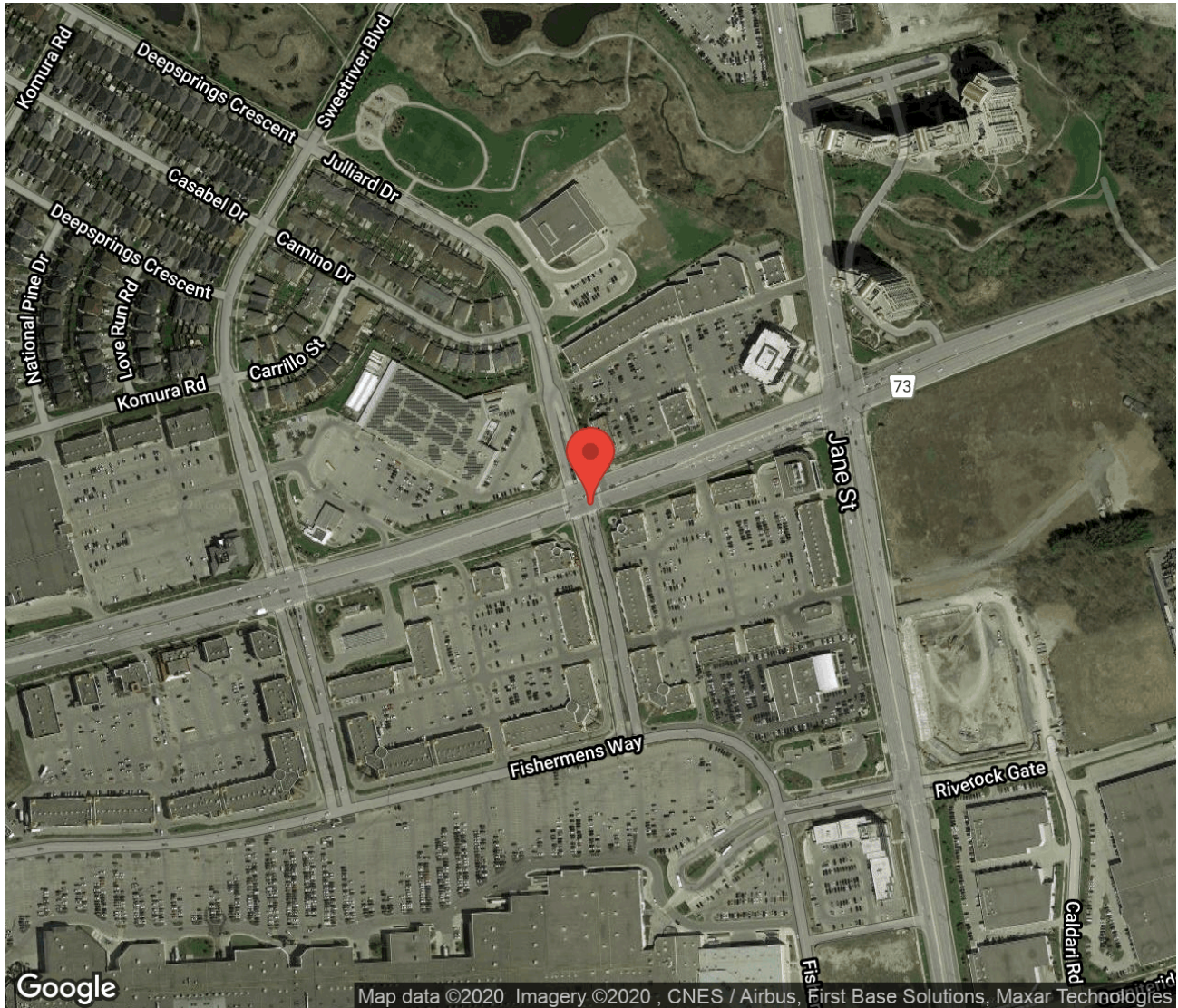
Intersection Count Report

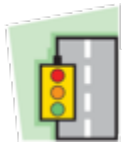
Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600133
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019





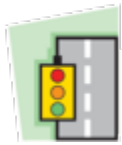
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

Julliard Dr - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	85	76	92	0	253	3	186	88	187	0	461	4
12:00 - 13:00	69	78	120	0	267	3	267	138	228	2	635	0
13:00 - 14:00	86	79	115	0	280	5	318	171	258	2	749	4
14:00 - 15:00	89	69	107	0	265	10	340	177	298	1	816	5
15:00 - 16:00	65	75	122	0	262	4	306	170	317	0	793	5
16:00 - 17:00	56	70	108	1	235	12	309	138	322	0	769	17
17:00 - 18:00	66	52	115	0	233	10	319	156	346	0	821	1
18:00 - 19:00	51	43	93	0	187	7	291	136	284	0	711	6
GRAND TOTAL	567	542	872	1	1982	54	2336	1174	2240	5	5755	42



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	282	1186	48	2	1518	4	151	1200	88	0	1439	2
12:00 - 13:00	262	1259	76	0	1597	2	169	1255	82	3	1509	9
13:00 - 14:00	259	1348	63	1	1671	3	201	1185	102	1	1489	1
14:00 - 15:00	259	1250	81	1	1591	4	167	1204	79	4	1454	8
15:00 - 16:00	268	1332	55	1	1656	3	184	1130	25	2	1341	1
16:00 - 17:00	225	1160	54	1	1440	10	147	1228	5	1	1381	5
17:00 - 18:00	230	1237	54	0	1521	8	138	1323	70	3	1534	4
18:00 - 19:00	201	1062	38	0	1301	9	121	1321	82	0	1524	4
GRAND TOTAL	1986	9834	469	6	12295	43	1278	9846	533	14	11671	34



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Julliard Dr

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	65	27	72	0	164	5	0	2	0	7	1	0	1	0	2	0	0	0	0	0	10
16:30	72	40	101	0	213	2	3	2	0	7	1	0	1	0	2	0	0	0	0	0	4
16:45	73	32	61	0	166	3	1	1	0	5	0	0	0	0	0	0	0	0	0	0	2
17:00	73	33	79	0	185	2	1	1	0	4	1	0	0	0	1	0	0	0	0	0	0
17:15	74	40	95	0	209	2	1	2	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	70	50	78	0	198	1	0	2	0	3	1	0	1	0	2	0	0	0	0	0	0
17:45	93	31	86	0	210	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	1
18:00	63	31	71	0	165	5	2	1	0	8	1	0	0	0	1	0	0	0	0	0	2
18:15	83	43	84	0	210	1	3	2	0	6	0	0	0	0	0	0	0	0	0	0	1
18:30	57	27	54	0	138	5	0	1	0	6	1	0	1	0	2	0	0	0	0	0	0
18:45	70	27	69	0	166	4	3	0	0	7	1	0	1	0	2	0	0	0	0	0	3
SUBTOTAL	2194	1117	2136	5	5452	124	57	85	0	266	18	0	19	0	37	0	0	0	0	0	42
GRAND TOTAL	2194	1117	2136	5	5452	124	57	85	0	266	18	0	19	0	37	0	0	0	0	0	42



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	50	267	10	0	327	1	14	0	0	15	1	1	0	0	2	0	0	0	0	0	9
16:30	51	288	11	0	350	0	16	0	0	16	1	0	0	0	1	0	0	0	0	0	0
16:45	67	287	20	0	374	0	17	0	0	17	1	0	0	0	1	0	0	0	0	0	1
17:00	68	311	16	0	395	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	3
17:15	46	295	12	0	353	1	9	0	0	10	0	1	0	0	1	0	0	0	0	0	4
17:30	57	280	14	0	351	1	8	0	0	9	0	1	0	0	1	0	0	0	0	0	1
17:45	56	321	12	0	389	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
18:00	48	277	15	0	340	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	3
18:15	57	269	7	0	333	1	4	0	0	5	1	0	0	0	1	0	0	0	0	0	1
18:30	47	259	6	0	312	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	3
18:45	43	243	8	0	294	2	3	2	0	7	1	0	0	0	1	0	0	0	0	0	2
SUBTOTAL	1922	9252	458	6	11638	48	572	11	0	631	16	10	0	0	26	0	0	0	0	0	43
GRAND TOTAL	1922	9252	458	6	11638	48	572	11	0	631	16	10	0	0	26	0	0	0	0	0	43



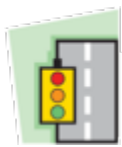
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Julliard Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	28	322	1	0	351	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	2
16:30	42	285	4	0	331	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	2
16:45	33	288	0	1	322	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0
17:00	32	297	6	0	335	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	3
17:15	40	340	20	2	402	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:30	25	339	19	1	384	1	11	0	0	12	0	0	1	0	1	0	0	0	0	0	1
17:45	39	325	23	0	387	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0
18:00	38	345	23	0	406	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1
18:15	26	322	21	0	369	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
18:30	24	330	18	0	372	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
18:45	33	303	18	0	354	0	3	0	0	3	0	0	1	0	1	0	0	0	0	0	3
SUBTOTAL	1230	9555	505	14	11304	48	285	15	0	348	0	6	13	0	19	0	0	0	0	0	34
GRAND TOTAL	1230	9555	505	14	11304	48	285	15	0	348	0	6	13	0	19	0	0	0	0	0	34



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Rutherford Rd & Julliard Dr
Site ID: 1936600133
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	272	416	688
	8	19	27
	0	0	0
	0	0	0
Totals	280	435	715

Julliard Dr

	0	0	0	0
	0	0	0	0
	4	1	3	0
	111	78	83	0
Totals	115	79	86	0

East Approach

	Out	In	Total
	1564	1474	3038
	104	52	156
	3	4	7
	0	0	0
Totals	1671	1530	3201

Rutherford Rd

					Totals
	0	0	0	1	1
	0	0	7	194	201
	0	0	34	1151	1185
	0	3	6	93	102

Peds: 5



Peds: 1

Peds: 3

Peds: 4

Rutherford Rd

Totals				
1	1	0	0	0
63	61	2	0	0
1348	1255	91	2	0
259	247	11	1	0

West Approach

	Out	In	Total
	1439	1664	3103
	47	114	161
	3	4	7
	0	0	0
Totals	1489	1782	3271

Totals				
318	171	258	2	
	297	161	239	2
	19	10	15	0
	2	0	4	0
	0	0	0	0

South Approach

	Out	In	Total
	699	420	1119
	44	18	62
	6	4	10
	0	0	0
Totals	749	442	1191

Julliard Dr

- Cars

- Trucks

- Buses

- Bicycles

Comments



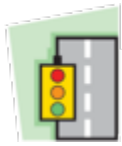
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Julliard Dr
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Julliard Dr						South Approach Julliard Dr						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	26	21	34	0	1	81	78	47	71	1	0	197	56	336	11	0	1	403	52	310	23	0	0	385	1066
13:15	14	22	27	0	0	63	66	41	56	0	1	163	72	353	23	0	0	448	58	277	27	1	0	363	1037
13:30	23	18	23	0	1	64	82	42	66	0	0	190	61	336	8	0	1	405	41	288	17	0	0	346	1005
13:45	23	18	31	0	3	72	92	41	65	1	3	199	70	323	21	1	1	415	50	310	35	0	1	395	1081
Grand Total	86	79	115	0	5	280	318	171	258	2	4	749	259	1348	63	1	3	1671	201	1185	102	1	1	1489	4189
Approach %	30.7	28.2	41.1	0	-	-	42.5	22.8	34.4	0.3	-	-	15.5	80.7	3.8	0.1	-	-	13.5	79.6	6.9	0.1	-	-	-
Totals %	2.1	1.9	2.7	0	6.7	17.9	7.6	4.1	6.2	0	17.9	6.2	32.2	1.5	0	39.9	4.8	28.3	2.4	0	35.5				
PHF	0.83	0.9	0.85	0	0.86	0.86	0.86	0.91	0.91	0.5	0.94	0.9	0.95	0.68	0.25	0.93	0.87	0.96	0.73	0.25	0.94	0.97			
Cars	83	78	111	0	272	699	297	161	239	2	699	247	1255	61	1	1564	194	1151	93	1	1439	3974			
% Cars	96.5	98.7	96.5	0	97.1	93.3	93.4	94.2	92.6	100	93.3	95.4	93.1	96.8	100	93.6	96.5	97.1	91.2	100	96.6	94.9			
Trucks	3	1	4	0	8	44	19	10	15	0	44	11	91	2	0	104	7	34	6	0	47	203			
% Trucks	3.5	1.3	3.5	0	2.9	5.9	6	5.8	5.8	0	5.9	4.2	6.8	3.2	0	6.2	3.5	2.9	5.9	0	3.2	4.8			
Buses	0	0	0	0	0	6	2	0	4	0	6	1	2	0	0	3	0	0	3	0	3	12			
% Buses	0	0	0	0	0	0.8	0.6	0	1.6	0	0.8	0.4	0.1	0	0	0.2	0	0	2.9	0	0.2	0.3			
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Peds					5	-					4	-					3	-					1	-	13
% Peds					38.5	-					30.8	-					23.1	-					7.7	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:15:00
To: 15:15:00

Intersection: Rutherford Rd & Julliard Dr
Site ID: 1936600133
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	269	393	662
	11	22	33
	0	0	0
	0	0	0
Totals	280	415	695

Julliard Dr

	0	0	0	0
	0	0	0	0
	6	1	4	0
	113	66	90	0
Totals	119	67	94	0

East Approach

	Out	In	Total
	1532	1532	3064
	101	44	145
	3	3	6
	0	0	0
Totals	1636	1579	3215

Rutherford Rd

					Totals
	0	0	0	3	3
	0	0	7	159	166
	0	0	29	1161	1190
	0	3	0	74	77

Peds: 7



Peds: 7

Peds: 4

Peds: 5

Rutherford Rd

Totals				
1	1	0	0	0
66	60	6	0	0
1320	1228	91	1	0
249	243	4	2	0

West Approach

	Out	In	Total
	1397	1653	3050
	36	119	155
	3	3	6
	0	0	0
Totals	1436	1775	3211

Totals				
333	183	294	1	
	309	174	280	1
	22	9	11	0
	2	0	3	0
	0	0	0	0

Julliard Dr

South Approach

Out	In	Total	
	764	384	1148
	42	5	47
	5	5	10
	0	0	0
Totals	811	394	1205

- Cars

- Trucks

- Buses

- Bicycles

Comments

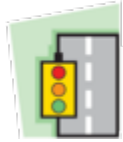


Peak Hour Summary

Intersection: Rutherford Rd & Julliard Dr
 Count Date: Nov 16, 2019
 Period: 14:00 - 19:00

Peak Hour Data (14:15 - 15:15)

Start Time	North Approach Julliard Dr						South Approach Julliard Dr						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
14:15	29	17	30	0	2	76	101	43	77	0	2	221	59	309	21	1	1	390	29	306	14	2	5	351	1038
14:30	16	15	23	0	0	54	88	38	51	1	0	178	65	317	12	0	0	394	43	310	20	1	0	374	1000
14:45	25	17	25	0	5	67	76	55	93	0	2	224	61	309	21	0	2	391	51	284	30	0	2	365	1047
15:00	24	18	41	0	0	83	68	47	73	0	1	188	64	385	12	0	1	461	43	290	13	0	0	346	1078
Grand Total	94	67	119	0	7	280	333	183	294	1	5	811	249	1320	66	1	4	1636	166	1190	77	3	7	1436	4163
Approach %	33.6	23.9	42.5	0	-	-	41.1	22.6	36.3	0.1	-	-	15.2	80.7	4	0.1	-	-	11.6	82.9	5.4	0.2	-	-	-
Totals %	2.3	1.6	2.9	0	6.7	-	8	4.4	7.1	0	19.5	-	6	31.7	1.6	0	39.3	-	4	28.6	1.8	0.1	-	-	34.5
PHF	0.81	0.93	0.73	0	0.84	-	0.82	0.83	0.79	0.25	0.91	-	0.96	0.86	0.79	0.25	0.89	-	0.81	0.96	0.64	0.38	0.96	-	0.97
Cars	90	66	113	0	269	764	309	174	280	1	764	243	1228	60	1	1532	159	1161	74	3	1397	3962			
% Cars	95.7	98.5	95	0	96.1	94.2	92.8	95.1	95.2	100	94.2	97.6	93	90.9	100	93.6	95.8	97.6	96.1	100	97.3	95.2			
Trucks	4	1	6	0	11	42	22	9	11	0	42	4	91	6	0	101	7	29	0	0	36	190			
% Trucks	4.3	1.5	5	0	3.9	5.2	6.6	4.9	3.7	0	5.2	1.6	6.9	9.1	0	6.2	4.2	2.4	0	0	2.5	4.6			
Buses	0	0	0	0	0	5	2	0	3	0	5	2	1	0	0	3	0	0	3	0	3	11			
% Buses	0	0	0	0	0	0.6	0.6	0	1	0	0.6	0.8	0.1	0	0	0.2	0	0	3.9	0	0.2	0.3			
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Peds					7	-					5	-					4	-					7	-	23
% Peds					30.4	-					21.7	-					17.4	-					30.4	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

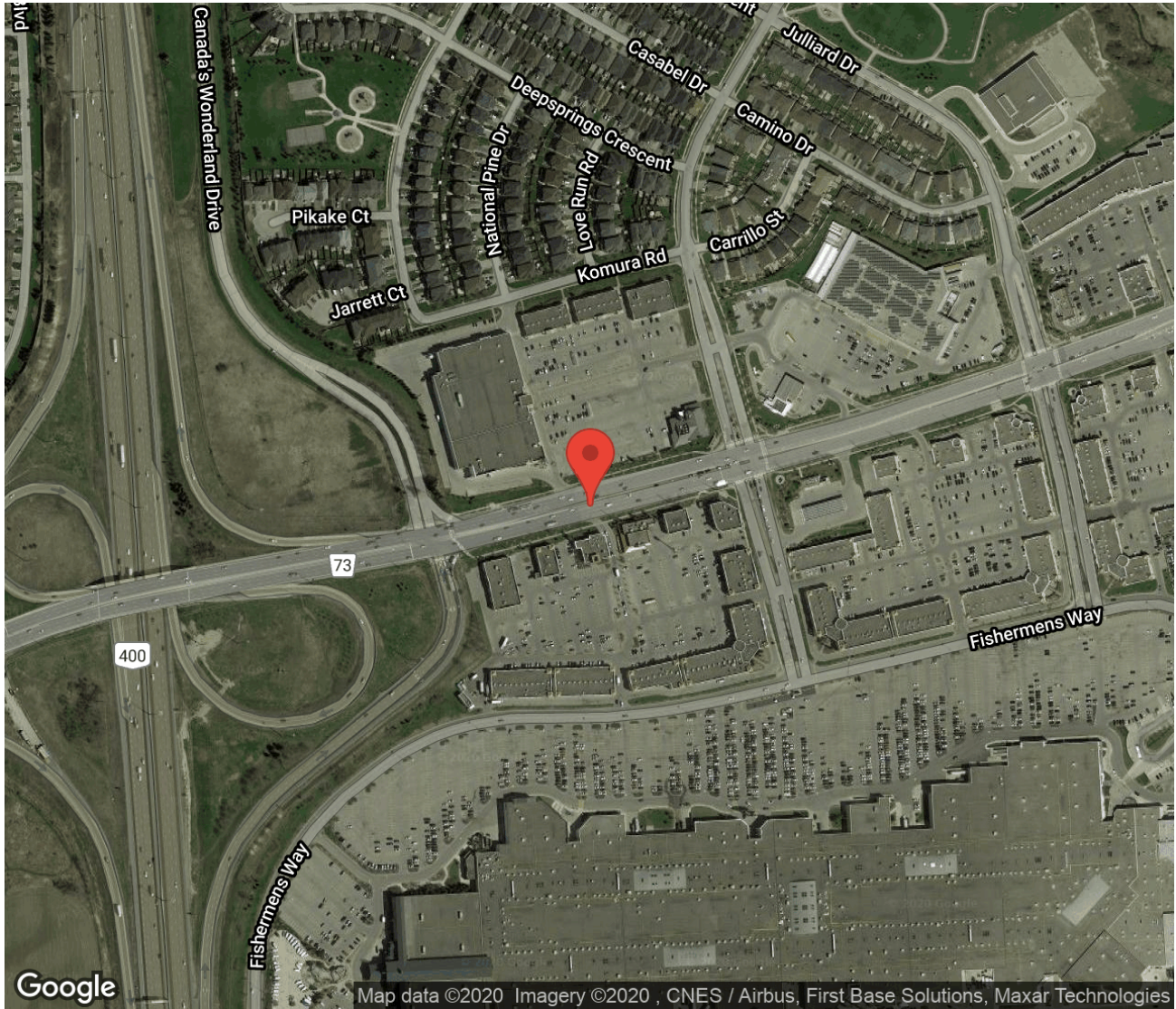
Intersection Count Report

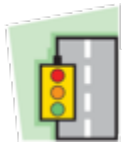
Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600134
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019





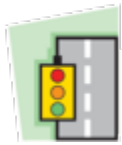
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

3255 Rutherford Rd Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	2	0	2	0	0	0	0	0	0	0
08:00 - 09:00	0	0	1	0	1	4	0	0	1	0	1	0
09:00 - 10:00	0	0	1	0	1	4	0	0	1	0	1	1
BREAK												
14:00 - 15:00	0	0	6	0	6	1	0	0	0	0	0	6
15:00 - 16:00	0	0	3	0	3	2	1	0	0	0	1	4
16:00 - 17:00	0	0	11	0	11	0	2	0	0	0	2	1
17:00 - 18:00	0	0	16	0	16	0	0	0	0	0	0	0
18:00 - 19:00	0	0	13	0	13	0	0	0	0	0	0	2
GRAND TOTAL	0	0	53	0	53	11	3	0	2	0	5	14



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1902	3	0	1905	0	0	2036	134	0	2170	0
08:00 - 09:00	0	1840	0	0	1840	1	0	2328	196	0	2524	0
09:00 - 10:00	0	1306	9	0	1315	0	0	2085	187	0	2272	1
BREAK												
14:00 - 15:00	0	2072	4	0	2076	1	0	1744	142	0	1886	0
15:00 - 16:00	0	2522	0	0	2522	0	0	1791	126	0	1917	0
16:00 - 17:00	0	2480	0	0	2480	0	0	1655	136	0	1791	0
17:00 - 18:00	0	2170	0	0	2170	0	0	1636	122	0	1758	0
18:00 - 19:00	0	2073	1	0	2074	0	0	1754	186	0	1940	0
GRAND TOTAL	0	16365	17	0	16382	2	0	15029	1229	0	16258	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - 3255 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - 3255 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
14:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	48	0	48	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3

Start Time	Cars					Trucks					Buses					Bicycles				Total Peds	
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺		Total
GRAND TOTAL	0	0	52	0	52	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	11





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - 3255 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - 3255 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total		
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	13

Start Time	Cars					Trucks					Buses					Total Peds					
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total						
GRAND TOTAL	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	0	0	3	14





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	363	1	0	364	0	59	0	0	59	0	4	0	0	4	0	0	0	0	0	0
07:15	0	400	1	0	401	0	65	0	0	65	0	4	0	0	4	0	0	0	0	0	0
07:30	0	404	1	0	405	0	95	0	0	95	0	5	0	0	5	0	0	0	0	0	0
07:45	0	419	0	0	419	0	80	0	0	80	0	4	0	0	4	0	0	0	0	0	0
08:00	0	489	0	0	489	0	69	0	0	69	0	0	0	0	0	0	0	0	0	0	0
08:15	0	400	0	0	400	0	65	0	0	65	0	4	0	0	4	0	0	0	0	0	1
08:30	0	382	0	0	382	0	76	0	0	76	0	2	0	0	2	0	0	0	0	0	0
08:45	0	291	0	0	291	0	49	0	0	49	0	13	0	0	13	0	0	0	0	0	0
09:00	0	240	0	0	240	0	69	0	0	69	0	2	0	0	2	0	0	0	0	0	0
09:15	0	271	2	0	273	0	54	1	0	55	0	7	0	0	7	0	0	0	0	0	0
09:30	0	259	5	0	264	0	68	0	0	68	0	3	0	0	3	0	0	0	0	0	0
09:45	0	261	1	0	262	0	69	0	0	69	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	0	4179	11	0	4190	0	818	1	0	819	0	51	0	0	51	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	443	2	0	445	0	68	0	0	68	0	2	0	0	2	0	0	0	0	0	0
14:15	0	408	2	0	410	0	70	0	0	70	0	2	0	0	2	0	0	0	0	0	1
14:30	0	445	0	0	445	0	78	0	0	78	0	6	0	0	6	0	0	0	0	0	0
14:45	0	448	0	0	448	0	98	0	0	98	0	4	0	0	4	0	0	0	0	0	0
15:00	0	548	0	0	548	0	88	0	0	88	0	7	0	0	7	0	0	0	0	0	0
15:15	0	572	0	0	572	0	94	0	0	94	0	1	0	0	1	0	0	0	0	0	0
15:30	0	538	0	0	538	0	79	0	0	79	0	1	0	0	1	0	0	0	0	0	0
15:45	0	522	0	0	522	0	67	0	0	67	0	5	0	0	5	0	0	0	0	0	0
16:00	0	552	0	0	552	0	57	0	0	57	0	1	0	0	1	0	0	0	0	0	0
16:15	0	570	0	0	570	0	83	0	0	83	0	5	0	0	5	0	0	0	0	0	0
16:30	0	514	0	0	514	0	68	0	0	68	0	1	0	0	1	0	0	0	0	0	0
16:45	0	571	0	0	571	0	57	0	0	57	0	1	0	0	1	0	0	0	0	0	0
17:00	0	530	0	0	530	0	43	0	0	43	0	1	0	0	1	0	0	0	0	0	0
17:15	0	534	0	0	534	0	41	0	0	41	0	1	0	0	1	0	0	0	0	0	0
17:30	0	492	0	0	492	0	24	0	0	24	0	6	0	0	6	0	0	0	0	0	0
17:45	0	467	0	0	467	0	30	0	0	30	0	1	0	0	1	0	0	0	0	0	0
18:00	0	488	0	0	488	0	28	0	0	28	0	3	0	0	3	0	0	0	0	0	0
18:15	0	535	0	0	535	0	21	0	0	21	0	1	0	0	1	0	0	0	0	0	0
18:30	0	483	1	0	484	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
18:45	0	467	0	0	467	0	16	0	0	16	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	10127	5	0	10132	0	1138	0	0	1138	0	52	0	0	52	0	0	0	0	0	1

Start Time	Cars				Trucks				Buses				Bicycles				Total Peds				
	↶	↑	↷	↶	↶	↑	↷	↶	↶	↑	↷	↶	↶	↑	↷	Total					
GRAND TOTAL	0	14306	16	0	14322	0	1956	1	0	1957	0	103	0	0	103	0	0	0	0	0	2





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	378	25	0	403	0	55	6	0	61	0	8	0	0	8	0	0	0	0	0	0
07:15	0	452	36	0	488	0	45	6	0	51	0	1	0	0	1	0	0	0	0	0	0
07:30	0	493	17	0	510	0	49	5	0	54	0	10	0	0	10	0	0	0	0	0	0
07:45	0	481	38	0	519	0	60	1	0	61	0	4	0	0	4	0	0	0	0	0	0
08:00	0	517	34	0	551	0	58	2	0	60	0	4	0	0	4	0	0	0	0	0	0
08:15	0	572	39	0	611	0	67	2	0	69	0	2	0	0	2	0	0	0	0	0	0
08:30	0	508	52	0	560	0	65	4	0	69	0	2	0	0	2	0	0	0	0	0	0
08:45	0	463	59	0	522	0	63	4	0	67	0	7	0	0	7	0	0	0	0	0	0
09:00	0	474	48	0	522	0	76	1	0	77	0	2	0	0	2	0	1	0	0	1	0
09:15	0	446	38	0	484	0	83	4	0	87	0	2	0	0	2	0	0	0	0	0	0
09:30	0	418	32	0	450	0	73	2	0	75	0	4	0	0	4	0	0	0	0	0	0
09:45	0	436	62	0	498	0	70	0	0	70	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	0	5638	480	0	6118	0	764	37	0	801	0	46	0	0	46	0	1	0	0	1	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	376	42	0	418	0	72	2	0	74	0	3	0	0	3	0	0	0	0	0	0
14:15	0	359	32	0	391	0	68	1	0	69	0	4	0	0	4	0	0	0	0	0	0
14:30	0	374	27	0	401	0	71	4	0	75	0	3	0	0	3	0	0	0	0	0	0
14:45	0	355	33	0	388	0	56	1	0	57	0	3	0	0	3	0	0	0	0	0	0
15:00	0	336	28	0	364	0	57	2	0	59	0	1	0	0	1	0	0	0	0	0	0
15:15	0	393	28	0	421	0	64	0	0	64	0	1	0	0	1	0	0	0	0	0	0
15:30	0	432	29	0	461	0	48	1	0	49	0	2	0	0	2	0	0	0	0	0	0
15:45	0	398	36	0	434	0	56	2	0	58	0	3	0	0	3	0	0	0	0	0	0
16:00	0	329	35	0	364	0	50	7	0	57	0	3	0	0	3	0	0	0	0	0	0
16:15	0	376	23	0	399	0	38	1	0	39	0	2	0	0	2	0	0	0	0	0	0
16:30	0	350	34	0	384	0	40	0	0	40	0	3	0	0	3	0	0	0	0	0	0
16:45	0	437	34	0	471	0	25	2	0	27	0	2	0	0	2	0	0	0	0	0	0
17:00	0	401	27	0	428	0	17	1	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	0	387	30	0	417	0	18	3	0	21	0	1	0	0	1	0	0	0	0	0	0
17:30	0	424	31	0	455	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
17:45	0	343	29	0	372	0	26	1	0	27	0	0	0	0	0	0	0	0	0	0	0
18:00	0	413	40	0	453	0	19	2	0	21	0	2	0	0	2	0	0	0	0	0	0
18:15	0	397	54	0	451	0	29	1	0	30	0	2	0	0	2	0	0	0	0	0	0
18:30	0	425	42	0	467	0	11	0	0	11	0	3	0	0	3	0	0	0	0	0	0
18:45	0	438	47	0	485	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	7743	681	0	8424	0	797	31	0	828	0	40	0	0	40	0	0	0	0	0	0

Start Time	Cars				Trucks				Buses				Bicycles				Total Peds				
	↶	↑	↷	↻	Total	↶	↑	↷	↻	Total	↶	↑	↷	↻	Total						
GRAND TOTAL	0	13381	1161	0	14542	0	1561	68	0	1629	0	86	0	0	86	0	1	0	0	1	1





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Site ID: 1936600134
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	1	0	1
	0	0	0
	0	0	0
	0	0	0
Totals	1	0	1

3255 Rutherford Rd Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	1	0	0	0
Totals	1	0	0	0

East Approach

	Out	In	Total
	1690	2078	3768
	290	251	541
	10	12	22
	0	0	0
Totals	1990	2341	4331

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	12	250	2078	2340
	0	0	9	163	172

Peds: 3



Rutherford Rd

Totals				
	0	0	0	0
	0	0	0	0
	1990	1690	290	10
	0	0	0	0

West Approach

	Out	In	Total
	2241	1691	3932
	259	290	549
	12	10	22
	0	0	0
Totals	2512	1991	4503

Totals				
	0	0	0	0
	0	0	1	0
	0	0	0	0
	0	0	0	0

3255 Rutherford Rd Access

South Approach

	Out	In	Total
	0	163	163
	1	9	10
	0	0	0
	0	0	0
Totals	1	172	173

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
 Count Date: Nov 19, 2019
 Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach 3255 Rutherford Rd Access						South Approach 3255 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehi cles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:45	0	0	1	0	0	1	0	0	0	0	0	0	0	503	0	0	0	503	0	545	39	0	0	584	1088
08:00	0	0	0	0	1	0	0	0	0	0	0	0	0	558	0	0	0	558	0	579	36	0	0	615	1173
08:15	0	0	0	0	2	0	0	0	0	0	0	0	0	469	0	0	1	469	0	641	41	0	0	682	1151
08:30	0	0	0	0	0	0	0	0	1	0	0	1	0	460	0	0	0	460	0	575	56	0	0	631	1092
Grand Total	0	0	1	0	3	1	0	0	1	0	0	1	0	1990	0	0	1	1990	0	2340	172	0	0	2512	4504
Approach %	0	0	100	0	-	-	0	0	100	0	-	-	0	100	0	0	-	-	0	93.2	6.8	0	-	-	-
Totals %	0	0	0	0	0	0	0	0	0	0	0	0	0	44.2	0	0	44.2	44.2	0	52	3.8	0	0	55.8	55.8
PHF	0	0	0.25	0	0.25	0.25	0	0	0.25	0	0.25	0.25	0	0.89	0	0	0.89	0.89	0	0.91	0.77	0	0	0.92	0.96
Cars	0	0	1	0	0	1	0	0	0	0	0	0	0	1690	0	0	0	1690	0	2078	163	0	0	2241	3932
% Cars	0	0	100	0	0	100	0	0	0	0	0	0	0	84.9	0	0	0	84.9	0	88.8	94.8	0	0	89.2	87.3
Trucks	0	0	0	0	0	0	0	0	1	0	0	1	0	290	0	0	0	290	0	250	9	0	0	259	550
% Trucks	0	0	0	0	0	0	0	0	100	0	0	100	0	14.6	0	0	0	14.6	0	10.7	5.2	0	0	10.3	12.2
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	12	0	0	0	12	22
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0.5	0	0	0	0.5	0.5
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					3	-					0	-					1	-					0	-	4
% Peds					75	-					0	-					25	-					0	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Site ID: 1936600134
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	3	0	3
	0	0	0
	0	0	0
	0	0	0
Totals	3	0	3

3255 Rutherford Rd Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	3	0	0	0
Totals	3	0	0	0

East Approach

	Out	In	Total
	2180	1559	3739
	328	225	553
	14	7	21
	0	0	0
Totals	2522	1791	4313

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	7	225	1559	1791
	0	0	5	121	126

Peds: 2



Rutherford Rd

Totals				
	0	0	0	0
	0	0	0	0
	2522	2180	328	14
	0	0	0	0

Peds: 4

West Approach

	Out	In	Total
	1680	2183	3863
	230	328	558
	7	14	21
	0	1	1
Totals	1917	2526	4443

Totals				
	1	0	0	0
	0	0	0	0
	0	0	0	0
	1	0	0	0

3255 Rutherford Rd Access

South Approach

	Out	In	Total
	0	121	121
	0	5	5
	0	0	0
	1	0	1
Totals	1	126	127

- Cars

- Trucks

- Buses

- Bicycles

Comments



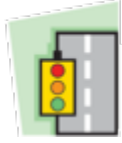
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
 Count Date: Nov 19, 2019
 Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach 3255 Rutherford Rd Access						South Approach 3255 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:00	0	0	1	0	2	1	1	0	0	0	0	1	0	643	0	0	0	643	0	394	30	0	0	424	1069
15:15	0	0	0	0	0	0	0	0	0	0	1	0	0	667	0	0	0	667	0	458	28	0	0	486	1153
15:30	0	0	1	0	0	1	0	0	0	0	1	0	0	618	0	0	0	618	0	482	30	0	0	512	1131
15:45	0	0	1	0	0	1	0	0	0	0	2	0	0	594	0	0	0	594	0	457	38	0	0	495	1090
Grand Total	0	0	3	0	2	3	1	0	0	0	4	1	0	2522	0	0	0	2522	0	1791	126	0	0	1917	4443
Approach %	0	0	100	0	-	-	100	0	0	0	-	-	0	100	0	0	-	-	0	93.4	6.6	0	-	-	
Totals %	0	0	0.1	0	0.1	0.1	0	0	0	0	0	0	0	56.8	0	0	0	56.8	0	40.3	2.8	0	0	43.1	
PHF	0	0	0.75	0	0.75	0.75	0.25	0	0	0	0.25	0.25	0	0.95	0	0	0.95	0.95	0	0.93	0.83	0	0	0.94	0.96
Cars	0	0	3	0	3	3	0	0	0	0	0	0	0	2180	0	0	0	2180	0	1559	121	0	0	1680	3863
% Cars	0	0	100	0	100	100	0	0	0	0	0	0	0	86.4	0	0	0	86.4	0	87	96	0	0	87.6	86.9
Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	328	0	0	0	328	0	225	5	0	0	230	558
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	13	0	12.6	4	0	0	12	12.6
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	14	0	7	0	0	0	7	21
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0.6	0	0.4	0	0	0	0.4	0.5
Bicycles	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% Bicycles	0	0	0	0	0	0	100	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					2	-					4	-						0	-				0	-	6
% Peds					33.3	-					66.7	-						0	-				0	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

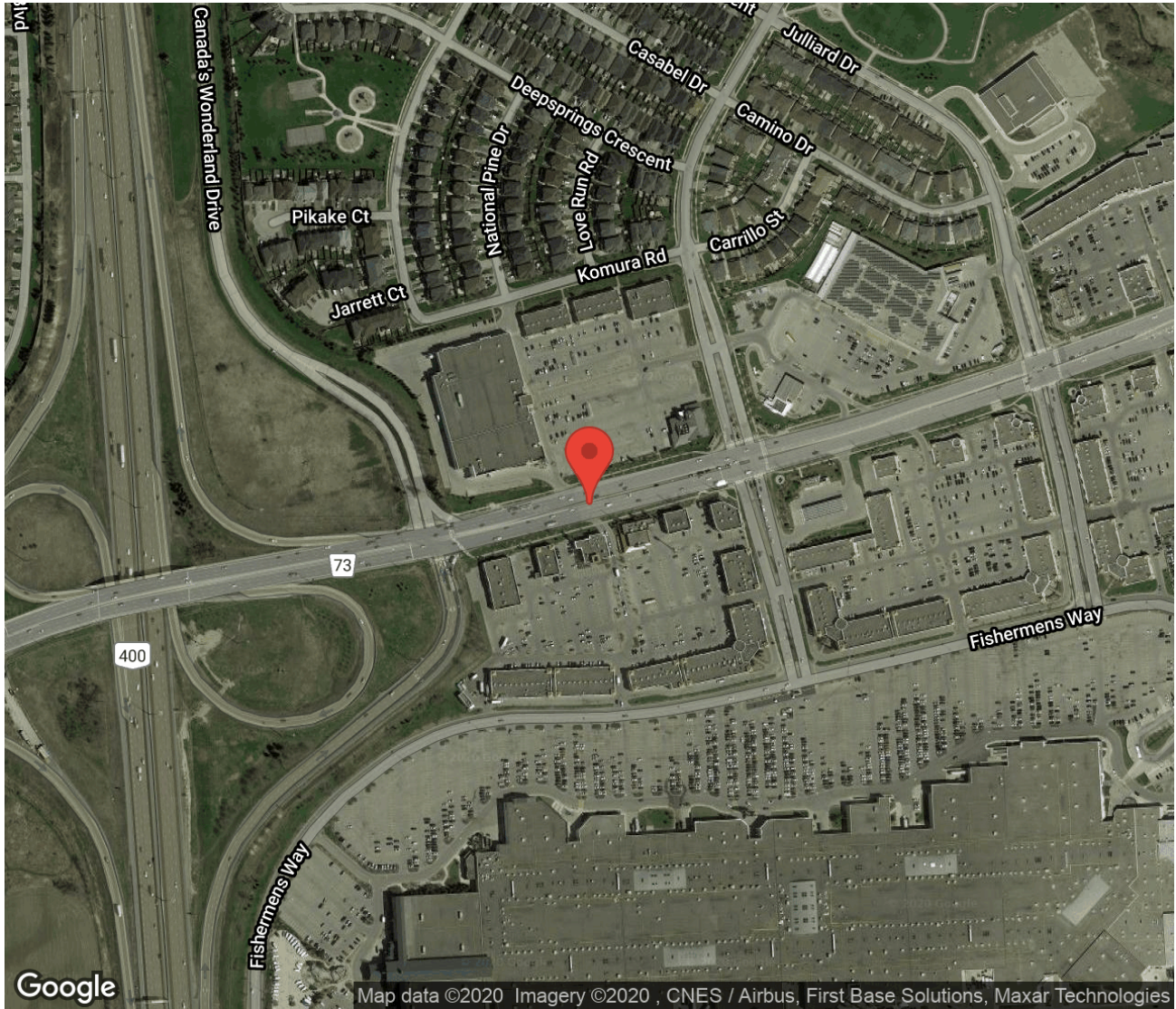
Intersection Count Report

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600135
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019



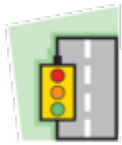


Traffic Count Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

3255 Rutherford Rd Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	8	0	8	0	0	0	0	0	0	1
12:00 - 13:00	0	0	4	0	4	0	1	0	0	0	1	0
13:00 - 14:00	0	0	4	0	4	0	0	0	0	0	0	2
14:00 - 15:00	0	0	19	0	19	0	0	0	0	0	0	1
15:00 - 16:00	0	0	12	0	12	0	0	0	0	0	0	0
16:00 - 17:00	0	0	22	0	22	0	0	0	0	0	0	7
17:00 - 18:00	0	0	31	0	31	0	0	0	0	0	0	4
18:00 - 19:00	0	0	19	0	19	0	0	0	0	0	0	1
GRAND TOTAL	0	0	119	0	119	0	1	0	0	0	1	16



Traffic Count Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
 Municipality: Vaughan
 Count Date: Nov 16, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	1848	8	0	1856	0	0	2128	367	0	2495	0
12:00 - 13:00	0	2266	15	0	2281	0	0	2108	405	0	2513	0
13:00 - 14:00	0	2450	19	0	2469	1	0	2186	402	0	2588	0
14:00 - 15:00	0	2346	16	0	2362	0	0	2138	356	0	2494	0
15:00 - 16:00	0	2520	11	0	2531	0	0	2007	337	0	2344	0
16:00 - 17:00	0	2430	12	0	2442	0	0	2009	355	0	2364	0
17:00 - 18:00	0	2476	8	0	2484	0	0	2025	328	0	2353	0
18:00 - 19:00	0	2280	5	0	2285	0	0	2010	290	0	2300	0
GRAND TOTAL	0	1861	6	94	0	1871	0	1	2840	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - 3255 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	3	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	104	0	104	0	0	15	0	15	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	0	104	0	104	0	0	15	0	15	0	0	0	0	0	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - 3255 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	16
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	16



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	560	5	0	565	0	36	0	0	36	0	2	0	0	2	0	0	0	0	0	0
16:30	0	556	4	0	560	0	27	0	0	27	0	1	0	0	1	0	0	0	0	0	0
16:45	0	565	3	0	568	0	35	0	0	35	0	0	0	0	0	0	0	0	0	0	0
17:00	0	600	3	0	603	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
17:15	0	574	2	0	576	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
17:30	0	606	1	0	607	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	0
17:45	0	621	2	0	623	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
18:00	0	598	1	0	599	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
18:15	0	585	1	0	586	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
18:30	0	510	1	0	511	0	17	1	0	18	0	1	0	0	1	0	0	0	0	0	0
18:45	0	518	1	0	519	0	20	0	0	20	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	17385	90	0	17475	0	1202	4	0	1206	0	29	0	0	29	0	0	0	0	0	1
GRAND TOTAL	0	17385	90	0	17475	0	1202	4	0	1206	0	29	0	0	29	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	447	80	0	527	0	45	10	0	55	0	0	0	0	0	0	0	0	0	0	0
11:15	0	501	78	0	579	0	53	2	0	55	0	2	0	0	2	0	0	0	0	0	0
11:30	0	487	88	0	575	0	40	7	0	47	0	1	0	0	1	0	0	0	0	0	0
11:45	0	513	94	0	607	0	38	8	0	46	0	1	0	0	1	0	0	0	0	0	0
12:00	0	489	96	0	585	0	42	5	0	47	0	0	0	0	0	0	0	0	0	0	0
12:15	0	465	82	0	547	0	32	8	0	40	0	2	1	0	3	0	0	0	0	0	0
12:30	0	547	112	0	659	0	30	8	0	38	0	0	0	0	0	0	0	0	0	0	0
12:45	0	470	85	0	555	0	30	8	0	38	0	1	0	0	1	0	0	0	0	0	0
13:00	0	556	78	0	634	0	41	8	0	49	0	0	0	0	0	0	0	0	0	0	0
13:15	0	452	90	0	542	0	26	11	0	37	0	2	0	0	2	0	0	0	0	0	0
13:30	0	530	74	0	604	0	31	13	0	44	0	0	0	0	0	0	1	0	0	1	0
13:45	0	522	100	0	622	0	24	28	0	52	0	1	0	0	1	0	0	0	0	0	0
14:00	0	506	70	0	576	0	30	1	0	31	0	0	0	0	0	0	0	0	0	0	0
14:15	0	494	87	0	581	0	22	3	0	25	0	1	0	0	1	0	0	0	0	0	0
14:30	0	464	90	0	554	0	21	12	0	33	0	0	0	0	0	0	0	0	0	0	0
14:45	0	548	91	0	639	0	51	2	0	53	0	1	0	0	1	0	0	0	0	0	0
15:00	0	472	87	0	559	0	20	4	0	24	0	2	0	0	2	0	0	0	0	0	0
15:15	0	502	76	0	578	0	28	6	0	34	0	0	0	0	0	0	0	0	0	0	0
15:30	0	490	74	0	564	0	21	2	0	23	0	1	0	0	1	0	0	0	0	0	0
15:45	0	441	81	0	522	0	29	7	0	36	0	1	0	0	1	0	0	0	0	0	0
16:00	0	490	79	0	569	0	22	11	0	33	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	484	84	0	568	0	19	8	0	27	0	0	0	0	0	0	0	0	0	0	0
16:30	0	479	68	0	547	0	30	5	0	35	0	1	0	0	1	0	0	0	0	0	0
16:45	0	466	96	0	562	0	17	4	0	21	0	0	0	0	0	0	0	0	0	0	0
17:00	0	472	84	0	556	0	24	3	0	27	0	1	0	0	1	0	0	0	0	0	0
17:15	0	492	66	0	558	0	13	3	0	16	0	1	1	0	2	0	0	0	0	0	0
17:30	0	481	80	0	561	0	18	3	0	21	0	0	0	0	0	0	0	0	0	0	0
17:45	0	513	84	0	597	0	9	4	0	13	0	1	0	0	1	0	0	0	0	0	0
18:00	0	492	90	0	582	0	6	1	0	7	0	0	0	0	0	0	0	0	0	0	0
18:15	0	522	81	0	603	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
18:30	0	479	58	0	537	0	12	2	0	14	0	0	0	0	0	0	0	0	0	0	0
18:45	0	477	56	0	533	0	13	1	0	14	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	15743	2639	0	18382	0	844	199	0	1043	0	23	2	0	25	0	1	0	0	1	0
GRAND TOTAL	0	15743	2639	0	18382	0	844	199	0	1043	0	23	2	0	25	0	1	0	0	1	0



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Site ID: 1936600135
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	4	17	21
	0	2	2
	0	0	0
	0	0	0
Totals	4	19	23

3255 Rutherford Rd Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	4	0	0	0
Totals	4	0	0	0

East Approach

	Out	In	Total
	2250	2060	4310
	215	122	337
	4	3	7
	0	1	1
Totals	2469	2186	4655

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	1	3	122	2060	2186
	0	0	60	342	402

Peds: 0



Rutherford Rd

Totals				
	0	0	0	0
	19	17	2	0
	2450	2233	213	4
	0	0	0	0

West Approach

	Out	In	Total
	2402	2237	4639
	182	213	395
	3	4	7
	1	0	1
Totals	2588	2454	5042

Totals				
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

3255 Rutherford Rd Access

South Approach

	Out	In	Total
	0	342	342
	0	60	60
	0	0	0
	0	0	0
Totals	0	402	402

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
 Count Date: Nov 16, 2019
 Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach 3255 Rutherford Rd Access						South Approach 3255 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	0	0	1	0	0	1	0	0	0	0	0	0	0	612	3	0	1	615	0	597	86	0	0	683	1299
13:15	0	0	2	0	0	2	0	0	0	0	0	0	0	601	6	0	0	607	0	480	101	0	0	581	1190
13:30	0	0	1	0	0	1	0	0	0	0	2	0	0	627	8	0	0	635	0	562	87	0	0	649	1285
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	610	2	0	0	612	0	547	128	0	0	675	1287
Grand Total	0	0	4	0	0	4	0	0	0	0	2	0	0	2450	19	0	1	2469	0	2186	402	0	0	2588	5061
Approach %	0	0	100	0	-	-	0	0	0	0	-	-	0	99.2	0.8	0	-	0	84.5	15.5	0	-	-		
Totals %	0	0	0.1	0	-	0.1	0	0	0	0	-	0	0	48.4	0.4	0	48.8	0	43.2	7.9	0	-	51.1		
PHF	0	0	0.5	0	-	0.5	0	0	0	0	-	0	0	0.98	0.59	0	0.97	0	0.92	0.79	0	-	0.95	0.97	
Cars	0	0	4	0	-	4	0	0	0	0	-	0	0	2233	17	0	2250	0	2060	342	0	-	2402	4656	
% Cars	0	0	100	0	-	100	0	0	0	0	-	0	0	91.1	89.5	0	91.1	0	94.2	85.1	0	-	92.8	92	
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	213	2	0	215	0	122	60	0	-	182	397	
% Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	8.7	10.5	0	8.7	0	5.6	14.9	0	-	7	7.8	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	4	0	0	4	0	3	0	0	-	3	7	
% Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0.2	0	0	0.2	0	0.1	0	0	-	0.1	0.1	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	0	-	1	1	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	
Peds					0	-					2	-					1	-					0	-	3
% Peds					0	-					66.7	-					33.3	-					0	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:45:00
To: 15:45:00

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
Site ID: 1936600135
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	11	10	21
	1	1	2
	0	0	0
	0	0	0
Totals	12	11	23

3255 Rutherford Rd Access

	0	0	0	0
	0	0	0	0
	1	0	0	0
	11	0	0	0
Totals	12	0	0	0

East Approach

	Out	In	Total
	2359	2012	4371
	158	120	278
	3	4	7
	0	0	0
Totals	2520	2136	4656

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	4	120	2012	2136
	0	0	14	328	342

Peds: 0



Peds: 0

Peds: 0

Peds: 0

Rutherford Rd

Totals				
	0	0	0	0
	11	10	1	0
	2509	2349	157	3
	0	0	0	0

West Approach

	Out	In	Total
	2340	2360	4700
	134	158	292
	4	3	7
	0	0	0
Totals	2478	2521	4999

Totals				
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

3255 Rutherford Rd Access

South Approach

	Out	In	Total
	0	328	328
	0	14	14
	0	0	0
	0	0	0
Totals	0	342	342

- Cars

- Trucks

- Buses

- Bicycles

Comments



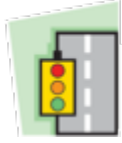
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3255 Rutherford Rd Access
 Count Date: Nov 16, 2019
 Period: 14:00 - 19:00

Peak Hour Data (14:45 - 15:45)

Start Time	North Approach 3255 Rutherford Rd Access						South Approach 3255 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
14:45	0	0	3	0	0	3	0	0	0	0	0	0	0	610	2	0	0	612	0	600	93	0	0	693	1308
15:00	0	0	5	0	0	5	0	0	0	0	0	0	0	636	3	0	0	639	0	494	91	0	0	585	1229
15:15	0	0	2	0	0	2	0	0	0	0	0	0	0	660	2	0	0	662	0	530	82	0	0	612	1276
15:30	0	0	2	0	0	2	0	0	0	0	0	0	0	603	4	0	0	607	0	512	76	0	0	588	1197
Grand Total	0	0	12	0	0	12	0	0	0	0	0	0	0	2509	11	0	0	2520	0	2136	342	0	0	2478	5010
Approach %	0	0	100	0	-	-	0	0	0	0	-	-	0	99.6	0.4	0	-	0	86.2	13.8	0	-	-	-	
Totals %	0	0	0.2	0	0.2	0.2	0	0	0	0	0	0	0	50.1	0.2	0	50.3	0	42.6	6.8	0	0	49.5	0.2	
PHF	0	0	0.6	0	0.6	0.6	0	0	0	0	0	0	0	0.95	0.69	0	0.95	0	0.89	0.92	0	0	0.89	0.96	
Cars	0	0	11	0	0	11	0	0	0	0	0	0	0	2349	10	0	2359	0	2012	328	0	0	2340	4710	
% Cars	0	0	91.7	0	0	91.7	0	0	0	0	0	0	0	93.6	90.9	0	93.6	0	94.2	95.9	0	0	94.4	94	
Trucks	0	0	1	0	0	1	0	0	0	0	0	0	0	157	1	0	158	0	120	14	0	0	134	293	
% Trucks	0	0	8.3	0	0	8.3	0	0	0	0	0	0	0	6.3	9.1	0	6.3	0	5.6	4.1	0	0	5.4	5.8	
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	4	0	0	0	4	7	
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0	0.2	0	0	0	0.2	0.1	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	0



Ontario Traffic Inc.
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Project #19366 - City of Vaughan

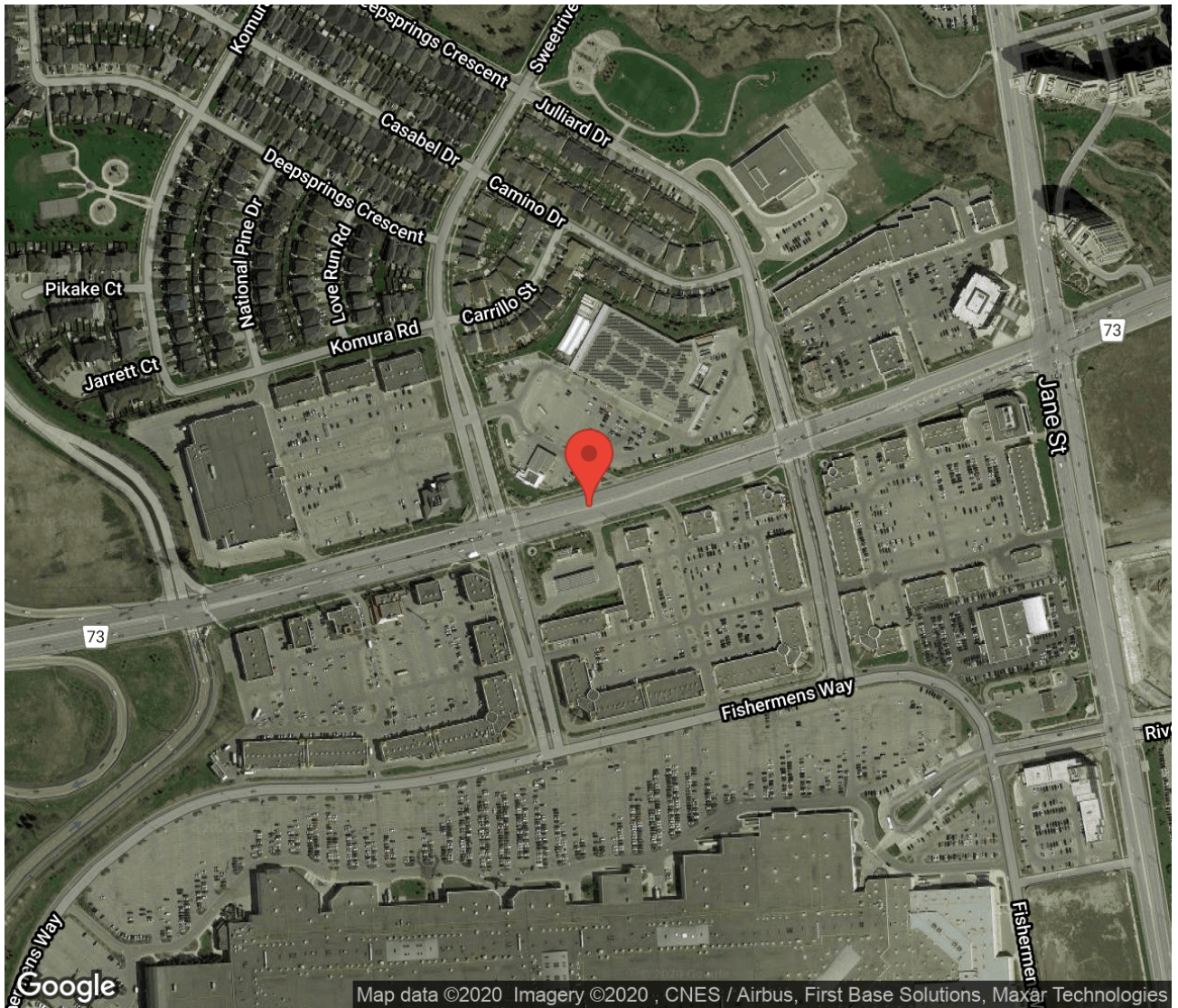
Intersection Count Report

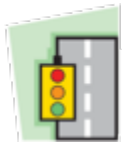
Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600136
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019



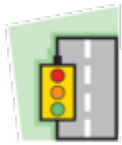


Traffic Count Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
 Municipality: Vaughan
 Count Date: Nov 19, 2019

Commercial Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	12	1	13	2	0	0	9	0	9	1
08:00 - 09:00	0	0	17	0	17	0	0	0	5	0	5	3
09:00 - 10:00	0	0	34	0	34	3	0	0	10	0	10	4
BREAK												
14:00 - 15:00	0	0	31	0	31	1	0	0	11	0	11	4
15:00 - 16:00	0	0	43	0	43	1	0	0	13	0	13	5
16:00 - 17:00	0	0	36	0	36	2	0	0	17	0	17	0
17:00 - 18:00	0	0	41	0	41	0	0	0	21	0	21	3
18:00 - 19:00	0	0	42	0	42	0	0	0	19	0	19	3
GRAND TOTAL	0	0	256	1	257	9	0	0	105	0	105	23



Traffic Count Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
 Municipality: Vaughan
 Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

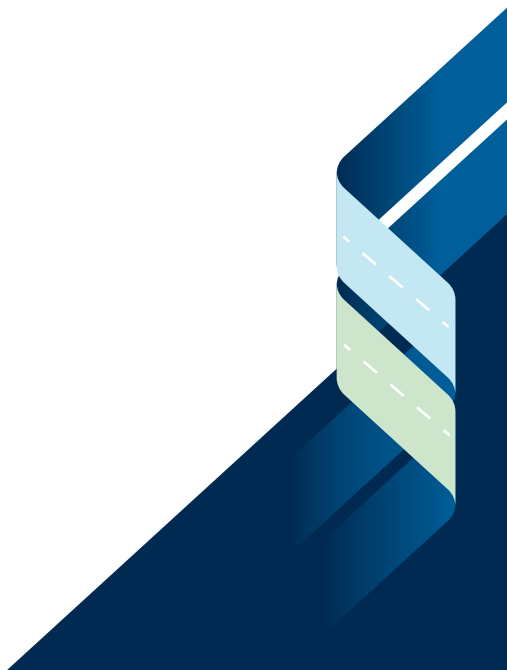
West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1598	17	0	1615	0	0	1766	5	0	1771	0
08:00 - 09:00	0	1431	28	0	1459	0	0	1916	4	0	1920	0
09:00 - 10:00	0	1087	30	0	1117	0	0	1562	9	0	1571	0
BREAK												
14:00 - 15:00	0	1349	42	0	1391	0	0	1469	10	0	1479	0
15:00 - 16:00	0	1743	41	0	1784	0	0	1510	20	0	1530	0
16:00 - 17:00	0	1806	27	0	1833	0	0	1291	22	0	1313	0
17:00 - 18:00	0	1737	22	0	1759	0	0	1260	24	0	1284	0
18:00 - 19:00	0	1439	41	0	1480	0	0	1395	24	0	1419	0
GRAND TOTAL	0	1219	0	248	0	8	0	1216	9	118	0	7

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	0	249	1	250	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	9



Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	0	0	85	0	85	0	0	20	0	20	0	0	0	0	0	0	0	0	0	0	23





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	327	4	0	331	0	23	1	0	24	0	2	0	0	2	0	0	0	0	0	0
07:15	0	385	3	0	388	0	26	2	0	28	0	4	0	0	4	0	0	0	0	0	0
07:30	0	409	2	0	411	0	35	1	0	36	0	3	0	0	3	0	0	0	0	0	0
07:45	0	356	4	0	360	0	25	0	0	25	0	3	0	0	3	0	0	0	0	0	0
08:00	0	346	5	0	351	0	23	1	0	24	0	1	0	0	1	0	0	0	0	0	0
08:15	0	331	7	0	338	0	20	0	0	20	0	3	0	0	3	0	0	0	0	0	0
08:30	0	354	8	0	362	0	24	0	0	24	0	2	0	0	2	0	0	0	0	0	0
08:45	0	297	5	0	302	0	25	2	0	27	0	5	0	0	5	0	0	0	0	0	0
09:00	0	206	5	0	211	0	28	0	0	28	0	2	0	0	2	0	0	0	0	0	0
09:15	0	249	8	0	257	0	30	0	0	30	0	8	0	0	8	0	0	0	0	0	0
09:30	0	244	10	0	254	0	31	0	0	31	0	6	0	0	6	0	0	0	0	0	0
09:45	0	248	6	0	254	0	32	1	0	33	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	0	3752	67	0	3819	0	322	8	0	330	0	42	0	0	42	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	299	9	0	308	0	28	0	0	28	0	2	0	0	2	0	0	0	0	0	0
14:15	0	296	11	0	307	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
14:30	0	330	8	0	338	0	29	2	0	31	0	6	0	0	6	0	0	0	0	0	0
14:45	0	313	11	0	324	0	23	1	0	24	0	4	0	0	4	0	0	0	0	0	0
15:00	0	417	4	0	421	0	29	1	0	30	0	3	0	0	3	0	0	0	0	0	0
15:15	0	441	9	0	450	0	32	0	0	32	0	0	0	0	0	0	0	0	0	0	0
15:30	0	431	10	0	441	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
15:45	0	349	17	0	366	0	14	0	0	14	0	3	0	0	3	0	0	0	0	0	0
16:00	0	425	4	0	429	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
16:15	0	429	6	0	435	0	15	0	0	15	0	5	0	0	5	0	0	0	0	0	0
16:30	0	423	8	0	431	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
16:45	0	458	9	0	467	0	11	0	0	11	0	2	0	0	2	0	0	0	0	0	0
17:00	0	464	2	0	466	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
17:15	0	454	13	0	467	0	6	0	0	6	0	2	0	0	2	0	0	0	0	0	0
17:30	0	434	1	0	435	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
17:45	0	346	6	0	352	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
18:00	0	336	17	0	353	0	9	0	0	9	0	3	0	0	3	0	0	0	0	0	0
18:15	0	387	6	0	393	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
18:30	0	339	13	0	352	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:45	0	349	5	0	354	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	7720	169	0	7889	0	319	4	0	323	0	35	0	0	35	0	0	0	0	0	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
GRAND TOTAL	0	11472	236	0	11708	0	641	12	0	653	0	77	0	0	77	0	0	0	0	0	0





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	341	1	0	342	0	46	1	0	47	0	2	0	0	2	0	0	0	0	0	0
07:15	0	382	1	0	383	0	41	0	0	41	0	1	0	0	1	0	0	0	0	0	0
07:30	0	440	1	0	441	0	44	0	0	44	0	7	0	0	7	0	0	0	0	0	0
07:45	0	405	1	0	406	0	54	0	0	54	0	3	0	0	3	0	0	0	0	0	0
08:00	0	442	0	0	442	0	50	0	0	50	0	5	0	0	5	0	0	0	0	0	0
08:15	0	454	1	0	455	0	58	1	0	59	0	1	0	0	1	0	0	0	0	0	0
08:30	0	407	2	0	409	0	59	0	0	59	0	1	0	0	1	0	0	0	0	0	0
08:45	0	382	0	0	382	0	52	0	0	52	0	5	0	0	5	0	0	0	0	0	0
09:00	0	358	2	0	360	0	61	0	0	61	0	3	0	0	3	0	1	0	0	1	0
09:15	0	343	1	0	344	0	64	2	0	66	0	1	0	0	1	0	0	0	0	0	0
09:30	0	300	0	0	300	0	63	1	0	64	0	3	0	0	3	0	0	0	0	0	0
09:45	0	303	1	0	304	0	62	2	0	64	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	4557	11	0	4568	0	654	7	0	661	0	32	0	0	32	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	306	0	0	306	0	65	0	0	65	0	3	0	0	3	0	0	0	0	0	0
14:15	0	290	1	0	291	0	64	0	0	64	0	4	0	0	4	0	0	0	0	0	0
14:30	0	315	4	0	319	0	70	0	0	70	0	3	0	0	3	0	0	0	0	0	0
14:45	0	296	5	0	301	0	50	0	0	50	0	3	0	0	3	0	0	0	0	0	0
15:00	0	294	4	0	298	0	50	1	0	51	0	1	0	0	1	0	0	0	0	0	0
15:15	0	330	2	0	332	0	59	2	0	61	0	1	0	0	1	0	0	0	0	0	0
15:30	0	360	6	0	366	0	45	1	0	46	0	2	0	0	2	0	0	0	0	0	0
15:45	0	312	4	0	316	0	54	0	0	54	0	2	0	0	2	0	0	0	0	0	0
16:00	0	247	7	0	254	0	48	2	0	50	0	3	0	0	3	0	0	0	0	0	0
16:15	0	295	6	0	301	0	36	0	0	36	0	1	0	0	1	0	0	0	0	0	0
16:30	0	262	4	0	266	0	39	1	0	40	0	2	0	0	2	0	0	0	0	0	0
16:45	0	331	2	0	333	0	26	0	0	26	0	1	0	0	1	0	0	0	0	0	0
17:00	0	285	3	0	288	0	15	2	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	0	286	7	0	293	0	15	2	0	17	0	1	0	0	1	0	0	0	0	0	0
17:30	0	346	6	0	352	0	17	1	0	18	0	1	0	0	1	0	0	0	0	0	0
17:45	0	269	2	0	271	0	25	1	0	26	0	0	0	0	0	0	0	0	0	0	0
18:00	0	313	9	0	322	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
18:15	0	320	3	0	323	0	30	1	0	31	0	1	0	0	1	0	0	0	0	0	0
18:30	0	329	7	0	336	0	7	1	0	8	0	3	0	0	3	0	0	0	0	0	0
18:45	0	356	3	0	359	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	6142	85	0	6227	0	750	15	0	765	0	33	0	0	33	0	0	0	0	0	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total		
GRAND TOTAL	0	10699	96	0	10795	0	1404	22	0	1426	0	65	0	0	65	0	1	0	0	1	0	





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Site ID: 1936600136
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	16	19	35
	2	2	4
	0	0	0
	0	0	0
Totals	18	21	39

Commercial Access

	0	0	0	0
	0	0	0	0
	2	0	0	0
	15	0	0	1
Totals	17	0	0	1

East Approach

	Out	In	Total
	1460	1745	3205
	105	208	313
	10	16	26
	0	0	0
Totals	1575	1969	3544

Rutherford Rd

				Totals
0	0	0	0	0
0	0	0	0	0
0	16	206	1741	1963
0	0	1	3	4

Peds: 1



Rutherford Rd

Totals				
0	0	0	0	0
20	18	2	0	0
1555	1442	103	10	0
0	0	0	0	0

West Approach

	Out	In	Total
	1744	1457	3201
	207	105	312
	16	10	26
	0	0	0
Totals	1967	1572	3539

Totals				
0	0	0	6	0
	0	0	4	0
	0	0	2	0
	0	0	0	0
	0	0	0	0

3191 Rutherford Rd Access

South Approach

	Out	In	Total
	4	3	7
	2	1	3
	0	0	0
	0	0	0
Totals	6	4	10

- Cars

- Trucks

- Buses

- Bicycles

Comments



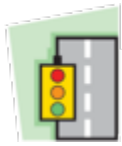
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
 Count Date: Nov 19, 2019
 Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Commercial Access						South Approach 3191 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	0	0	4	1	1	5	0	0	1	0	1	1	0	447	3	0	0	450	0	491	1	0	0	492	948
07:45	0	0	4	0	0	4	0	0	2	0	0	2	0	384	4	0	0	388	0	462	1	0	0	463	857
08:00	0	0	2	0	0	2	0	0	0	0	2	0	0	370	6	0	0	376	0	497	0	0	0	497	875
08:15	0	0	7	0	0	7	0	0	3	0	0	3	0	354	7	0	0	361	0	513	2	0	0	515	886
Grand Total	0	0	17	1	1	18	0	0	6	0	3	6	0	1555	20	0	0	1575	0	1963	4	0	0	1967	3566
Approach %	0	0	94.4	5.6	-	-	0	0	100	0	-	-	0	98.7	1.3	0	-	0	99.8	0.2	0	-	-	-	
Totals %	0	0	0.5	0	0.5	-	0	0	0.2	0	0.2	-	0	43.6	0.6	0	44.2	0	55	0.1	0	-	55.2	-	
PHF	0	0	0.61	0.25	0.64	-	0	0	0.5	0	0.5	-	0	0.87	0.71	0	0.88	0	0.96	0.5	0	0.95	0.94	-	
Cars	0	0	15	1	-	16	0	0	4	0	-	4	0	1442	18	0	1460	0	1741	3	0	-	1744	3224	
% Cars	0	0	88.2	100	-	88.9	0	0	66.7	0	-	66.7	0	92.7	90	0	92.7	0	88.7	75	0	-	88.7	90.4	
Trucks	0	0	2	0	-	2	0	0	2	0	-	2	0	103	2	0	105	0	206	1	0	-	207	316	
% Trucks	0	0	11.8	0	-	11.1	0	0	33.3	0	-	33.3	0	6.6	10	0	6.7	0	10.5	25	0	-	10.5	8.9	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	10	0	0	10	0	16	0	0	-	16	26	
% Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0.6	0	0	0.6	0	0.8	0	0	-	0.8	0.7	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	0	-	4
% Peds	-	-	-	-	25	-	-	-	-	-	75	-	-	-	-	-	0	-	-	-	-	-	0	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Site ID: 1936600136
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	43	40	83
	0	1	1
	0	0	0
	0	0	0
Totals	43	41	84

Commercial Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	43	0	0	0
Totals	43	0	0	0

East Approach

	Out	In	Total
	1678	1305	2983
	99	212	311
	7	6	13
	0	0	0
Totals	1784	1523	3307

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	6	208	1296	1510
	0	0	4	16	20

Peds: 1



Rutherford Rd

Totals				
	0	0	0	0
	41	40	1	0
	1743	1638	98	7
	0	0	0	0

West Approach

	Out	In	Total
	1312	1681	2993
	212	98	310
	6	7	13
	0	0	0
Totals	1530	1786	3316

Totals				
	0	0	9	0
	0	0	4	0
	0	0	0	0
	0	0	0	0

3191 Rutherford Rd Access

South Approach

	Out	In	Total
	9	16	25
	4	4	8
	0	0	0
	0	0	0
Totals	13	20	33

- Cars

- Trucks

- Buses

- Bicycles

Comments



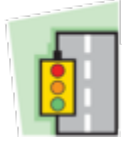
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
 Count Date: Nov 19, 2019
 Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach Commercial Access						South Approach 3191 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
15:00	0	0	10	0	0	10	0	0	7	0	2	7	0	449	5	0	0	454	0	345	5	0	0	350	821	
15:15	0	0	14	0	0	14	0	0	3	0	1	3	0	473	9	0	0	482	0	390	4	0	0	394	893	
15:30	0	0	8	0	0	8	0	0	0	0	1	0	0	455	10	0	0	465	0	407	7	0	0	414	887	
15:45	0	0	11	0	1	11	0	0	3	0	1	3	0	366	17	0	0	383	0	368	4	0	0	372	769	
Grand Total	0	0	43	0	1	43	0	0	13	0	5	13	0	1743	41	0	0	1784	0	1510	20	0	0	1530	3370	
Approach %	0	0	100	0	-	-	0	0	100	0	-	-	0	97.7	2.3	0	-	0	98.7	1.3	0	-	-	-		
Totals %	0	0	1.3	0	-	1.3	0	0	0.4	0	-	0.4	0	51.7	1.2	0	-	52.9	0	44.8	0.6	0	-	-	45.4	
PHF	0	0	0.77	0	-	0.77	0	0	0.46	0	-	0.46	0	0.92	0.6	0	-	0.93	0	0.93	0.71	0	-	-	0.92	0.94
Cars	0	0	43	0	-	43	0	0	9	0	-	9	0	1638	40	0	-	1678	0	1296	16	0	-	1312	3042	
% Cars	0	0	100	0	-	100	0	0	69.2	0	-	69.2	0	94	97.6	0	-	94.1	0	85.8	80	0	-	85.8	90.3	
Trucks	0	0	0	0	-	0	0	0	4	0	-	4	0	98	1	0	-	99	0	208	4	0	-	212	315	
% Trucks	0	0	0	0	-	0	0	0	30.8	0	-	30.8	0	5.6	2.4	0	-	5.5	0	13.8	20	0	-	13.9	9.3	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	7	0	0	-	7	0	6	0	0	-	6	13	
% Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0.4	0	0	-	0.4	0	0.4	0	0	-	0.4	0.4	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds					1	-					5	-					0	-					0	-	6	
% Peds					16.7	-					83.3	-					0	-					0	-	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

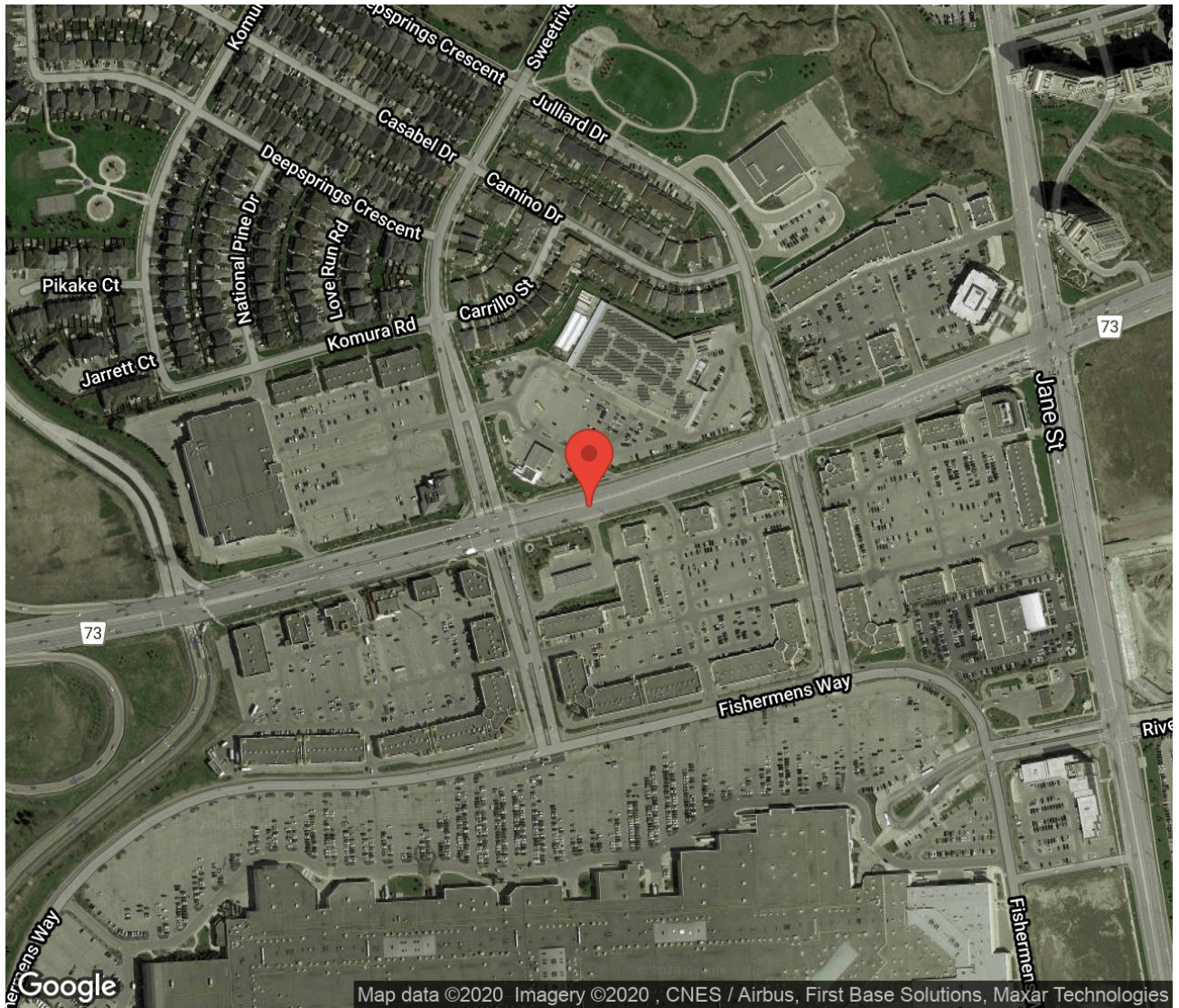
Intersection Count Report

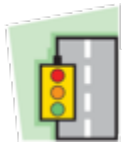
Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019
Site Code: 1936600137
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019



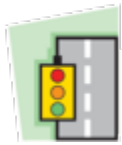


Traffic Count Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

Commercial Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	0	0	0	0	0	0	18	0	18	2
12:00 - 13:00	0	0	0	0	0	0	0	0	16	0	16	1
13:00 - 14:00	0	0	0	0	0	0	0	0	15	0	15	8
14:00 - 15:00	0	0	0	0	0	0	0	0	14	0	14	11
15:00 - 16:00	0	0	0	0	0	0	0	0	14	0	14	4
16:00 - 17:00	0	0	0	0	0	0	0	0	16	0	16	7
17:00 - 18:00	0	0	0	0	0	0	0	0	8	0	8	10
18:00 - 19:00	0	0	0	0	0	0	0	0	26	0	26	2
GRAND TOTAL	0	0	0	0	0	0	0	0	127	0	127	45



Traffic Count Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	1302	54	0	1356	0	0	1441	18	0	1459	0
12:00 - 13:00	0	1328	71	0	1399	0	0	1514	18	0	1532	0
13:00 - 14:00	0	1311	56	0	1367	0	0	1477	20	0	1497	0
14:00 - 15:00	0	1301	59	0	1360	0	0	1505	17	0	1522	0
15:00 - 16:00	0	1477	50	0	1527	0	0	1581	17	0	1598	0
16:00 - 17:00	0	1385	47	0	1432	0	0	1534	20	0	1554	0
17:00 - 18:00	0	1449	35	0	1484	0	0	1471	16	0	1487	3
18:00 - 19:00	0	1337	30	0	1367	0	0	1544	26	0	1570	0
GRAND TOTAL	0	1089	402	0	1129	2	0	1206	152	0	1221	3



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

South Approach - 3191 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:30	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
17:30	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
17:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
18:00	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18:15	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	115	0	115	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	45
GRAND TOTAL	0	0	115	0	115	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	45



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	293	9	0	302	0	35	0	0	35	0	2	0	0	2	0	0	0	0	0	0
11:15	0	279	13	0	292	0	35	1	0	36	0	1	0	0	1	0	0	0	0	0	0
11:30	0	330	15	0	345	0	34	0	0	34	0	1	0	0	1	0	0	0	0	0	0
11:45	0	255	14	0	269	0	36	2	0	38	0	1	0	0	1	0	0	0	0	0	0
12:00	0	366	13	0	379	0	32	1	0	33	0	1	0	0	1	0	0	0	0	0	0
12:15	0	272	17	0	289	0	29	6	0	35	0	0	0	0	0	0	0	0	0	0	0
12:30	0	247	12	0	259	0	26	2	0	28	0	1	0	0	1	0	0	0	0	0	0
12:45	0	323	17	0	340	0	31	3	0	34	0	0	0	0	0	0	0	0	0	0	0
13:00	0	299	11	0	310	0	28	0	0	28	0	0	0	0	0	0	0	0	0	0	0
13:15	0	334	15	0	349	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
13:30	0	300	11	0	311	0	25	1	0	26	0	1	0	0	1	0	0	0	0	0	0
13:45	0	275	16	0	291	0	25	2	0	27	0	0	0	0	0	0	0	0	0	0	0
14:00	0	257	15	0	272	0	32	6	0	38	0	1	0	0	1	0	0	0	0	0	0
14:15	0	317	15	0	332	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
14:30	0	314	11	0	325	0	36	1	0	37	0	1	0	0	1	0	0	0	0	0	0
14:45	0	298	11	0	309	0	25	0	0	25	0	0	0	0	0	0	0	0	0	0	0
15:00	0	373	18	0	391	0	27	0	0	27	0	1	0	0	1	0	0	0	0	0	0
15:15	0	370	5	0	375	0	32	1	0	33	0	0	0	0	0	0	0	0	0	0	0
15:30	0	318	10	0	328	0	13	3	0	16	0	1	0	0	1	0	0	0	0	0	0
15:45	0	320	13	0	333	0	22	0	0	22	0	0	0	0	0	0	0	0	0	0	0
16:00	0	306	16	0	322	0	18	2	0	20	0	2	0	0	2	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	368	11	0	379	0	25	0	0	25	0	1	0	0	1	0	0	0	0	0	0
16:30	0	324	12	0	336	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
16:45	0	312	6	0	318	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
17:00	0	346	6	0	352	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
17:15	0	354	10	0	364	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
17:30	0	344	10	0	354	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
17:45	0	328	7	0	335	0	28	1	0	29	0	0	0	0	0	0	0	0	0	0	0
18:00	0	354	4	0	358	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
18:15	0	322	7	0	329	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
18:30	0	356	12	0	368	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
18:45	0	256	7	0	263	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	10110	369	0	10479	0	757	33	0	790	0	23	0	0	23	0	0	0	0	0	0
GRAND TOTAL	0	10110	369	0	10479	0	757	33	0	790	0	23	0	0	23	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	288	1	0	289	0	29	0	0	29	0	0	0	0	0	0	0	0	0	0	0
11:15	0	350	5	0	355	0	26	0	0	26	0	2	0	0	2	0	0	0	0	0	0
11:30	0	368	4	0	372	0	35	1	0	36	0	2	0	0	2	0	0	0	0	0	0
11:45	0	320	6	0	326	0	20	1	0	21	0	1	0	0	1	0	0	0	0	0	0
12:00	0	331	1	0	332	0	29	0	0	29	0	1	0	0	1	0	0	0	0	0	0
12:15	0	361	7	0	368	0	29	0	0	29	0	0	0	0	0	0	0	0	0	0	0
12:30	0	324	5	0	329	0	32	0	0	32	0	1	0	0	1	0	0	0	0	0	0
12:45	0	372	5	0	377	0	34	0	0	34	0	0	0	0	0	0	0	0	0	0	0
13:00	0	352	7	0	359	0	12	1	0	13	0	1	0	0	1	0	0	0	0	0	0
13:15	0	367	3	0	370	0	27	1	0	28	0	1	0	0	1	0	0	0	0	0	0
13:30	0	314	3	0	317	0	33	1	0	34	0	1	0	0	1	0	0	0	0	0	0
13:45	0	342	4	0	346	0	26	0	0	26	0	0	0	0	0	0	1	0	0	1	0
14:00	0	360	2	0	362	0	25	1	0	26	0	0	0	0	0	0	0	0	0	0	0
14:15	0	319	3	0	322	0	31	1	0	32	0	1	0	0	1	0	0	0	0	0	0
14:30	0	348	2	0	350	0	29	0	0	29	0	0	0	0	0	0	0	0	0	0	0
14:45	0	370	8	0	378	0	21	0	0	21	0	1	0	0	1	0	0	0	0	0	0
15:00	0	376	3	0	379	0	24	0	0	24	0	0	0	0	0	0	0	0	0	0	0
15:15	0	320	7	0	327	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
15:30	0	394	4	0	398	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
15:45	0	408	3	0	411	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
16:00	0	321	11	0	332	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0



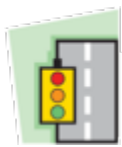
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 23, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds		
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total			
16:15	0	384	4	0	388	0	19	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0	
16:30	0	355	1	0	356	0	25	0	0	25	0	1	0	0	1	0	0	0	0	0	0	0	0
16:45	0	390	3	0	393	0	22	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	361	5	0	366	0	14	1	0	15	0	1	0	0	1	0	0	0	0	0	0	0	0
17:15	0	360	5	0	365	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	343	2	0	345	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0	0	3
17:45	0	337	2	0	339	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0	0	0
18:00	0	403	4	0	407	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	340	5	0	345	0	18	1	0	19	0	1	0	0	1	0	0	0	0	0	0	0	0
18:30	0	408	7	0	415	0	27	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	312	8	0	320	0	19	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	11298	140	0	11438	0	747	12	0	759	0	21	0	0	21	0	1	0	0	1	3	3	
GRAND TOTAL	0	11298	140	0	11438	0	747	12	0	759	0	21	0	0	21	0	1	0	0	1	3	3	



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:45:00
To: 13:45:00

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Site ID: 1936600137
Count Date: Nov 23, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	0	54	54
	0	4	4
	0	0	0
	0	0	0
Totals	0	58	58

Commercial Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0

East Approach

	Out	In	Total
	1310	1421	2731
	111	108	219
	2	3	5
	0	0	0
Totals	1423	1532	2955

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	3	106	1405	1514
	0	0	3	18	21

Peds: 0



Rutherford Rd

Totals				
0	0	0	0	0
58	54	4	0	0
1365	1256	107	2	0
0	0	0	0	0

Peds: 9

West Approach

	Out	In	Total
	1423	1256	2679
	109	107	216
	3	2	5
	0	0	0
Totals	1535	1365	2900

Totals				
0	0	0	18	0
	0	0	16	0
	0	0	2	0
	0	0	0	0
	0	0	0	0

3191 Rutherford Rd Access

South Approach

	Out	In	Total
	16	18	34
	2	3	5
	0	0	0
	0	0	0
Totals	18	21	39

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
 Count Date: Nov 23, 2019
 Period: 11:00 - 14:00

Peak Hour Data (12:45 - 13:45)

Start Time	North Approach Commercial Access						South Approach 3191 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:45	0	0	0	0	0	0	0	0	4	0	1	4	0	354	20	0	0	374	0	406	5	0	0	411	789
13:00	0	0	0	0	0	0	0	0	5	0	2	5	0	327	11	0	0	338	0	365	8	0	0	373	716
13:15	0	0	0	0	0	0	0	0	3	0	2	3	0	358	15	0	0	373	0	395	4	0	0	399	775
13:30	0	0	0	0	0	0	0	0	6	0	4	6	0	326	12	0	0	338	0	348	4	0	0	352	696
Grand Total	0	0	0	0	0	0	0	0	18	0	9	18	0	1365	58	0	0	1423	0	1514	21	0	0	1535	2976
Approach %	0	0	0	0	-	-	0	0	100	0	-	-	0	95.9	4.1	0	-	-	0	98.6	1.4	0	-	-	-
Totals %	0	0	0	0	0	0	0	0	0.6	0	0.6	0.6	0	45.9	1.9	0	47.8	47.8	0	50.9	0.7	0	51.6	51.6	51.6
PHF	0	0	0	0	0	0	0	0	0.75	0	0.75	0.75	0	0.95	0.73	0	0.95	0.95	0	0.93	0.66	0	0.93	0.93	0.94
Cars	0	0	0	0	0	0	0	0	16	0	16	16	0	1256	54	0	1310	1310	0	1405	18	0	1423	2749	
% Cars	0	0	0	0	0	0	0	0	88.9	0	88.9	88.9	0	92	93.1	0	92.1	92.1	0	92.8	85.7	0	92.7	92.4	92.4
Trucks	0	0	0	0	0	0	0	0	2	0	2	2	0	107	4	0	111	111	0	106	3	0	109	222	
% Trucks	0	0	0	0	0	0	0	0	11.1	0	11.1	11.1	0	7.8	6.9	0	7.8	7.8	0	7	14.3	0	7.1	7.5	7.5
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	3	0	0	3	5	
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0.1	0	0.2	0	0	0.2	0.2	0.2
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					0	-				9	-	9					0	-				0	-	9	9
% Peds					0	-				100	-	100					0	-				0	-	0	0



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
Site ID: 1936600137
Count Date: Nov 23, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	0	46	46
	0	4	4
	0	0	0
	0	0	0
Totals	0	50	50

Commercial Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0

East Approach

	Out	In	Total
	1427	1510	2937
	98	82	180
	2	3	5
	0	0	0
Totals	1527	1595	3122

Rutherford Rd

				Totals
0	0	0	0	0
0	0	0	0	0
0	3	80	1498	1581
0	0	0	17	17

Peds: 0



Rutherford Rd

Totals				
0	0	0	0	0
50	46	4	0	0
1477	1381	94	2	0
0	0	0	0	0

West Approach

	Out	In	Total
	1515	1381	2896
	80	94	174
	3	2	5
	0	0	0
Totals	1598	1477	3075

Totals				
0	0	0	14	0
	0	0	12	0
	0	0	2	0
	0	0	0	0
	0	0	0	0

3191 Rutherford Rd Access

South Approach

	Out	In	Total
	12	17	29
	2	0	2
	0	0	0
	0	0	0
Totals	14	17	31

- Cars

- Trucks

- Buses

- Bicycles

Comments



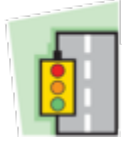
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3191 Rutherford Rd Access
 Count Date: Nov 23, 2019
 Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach Commercial Access						South Approach 3191 Rutherford Rd Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:00	0	0	0	0	0	0	0	0	2	0	0	2	0	401	18	0	0	419	0	400	3	0	0	403	824
15:15	0	0	0	0	0	0	0	0	4	0	1	4	0	402	6	0	0	408	0	338	7	0	0	345	757
15:30	0	0	0	0	0	0	0	0	5	0	2	5	0	332	13	0	0	345	0	414	4	0	0	418	768
15:45	0	0	0	0	0	0	0	0	3	0	1	3	0	342	13	0	0	355	0	429	3	0	0	432	790
Grand Total	0	0	0	0	0	0	0	0	14	0	4	14	0	1477	50	0	0	1527	0	1581	17	0	0	1598	3139
Approach %	0	0	0	0	-	-	0	0	100	0	-	-	0	96.7	3.3	0	-	-	0	98.9	1.1	0	-	-	-
Totals %	0	0	0	0	0	0	0	0	0.4	0	0.4	0.4	0	47.1	1.6	0	48.6	48.6	0	50.4	0.5	0	50.9	50.9	
PHF	0	0	0	0	0	0	0	0	0.7	0	0.7	0.7	0	0.92	0.69	0	0.91	0.91	0	0.92	0.61	0	0.92	0.95	
Cars	0	0	0	0	0	0	0	0	12	0	12	12	0	1381	46	0	1427	1427	0	1498	17	0	1515	2954	
% Cars	0	0	0	0	0	0	0	0	85.7	0	85.7	85.7	0	93.5	92	0	93.5	93.5	0	94.8	100	0	94.8	94.1	
Trucks	0	0	0	0	0	0	0	0	2	0	2	2	0	94	4	0	98	98	0	80	0	0	80	180	
% Trucks	0	0	0	0	0	0	0	0	14.3	0	14.3	14.3	0	6.4	8	0	6.4	6.4	0	5.1	0	0	5	5.7	
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	3	0	0	3	5	
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0.1	0	0.2	0	0	0.2	0.2	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Peds					0	-				4	-	4					0	-				0	-	4	
% Peds					0	-				100	-	100					0	-				0	-	4	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

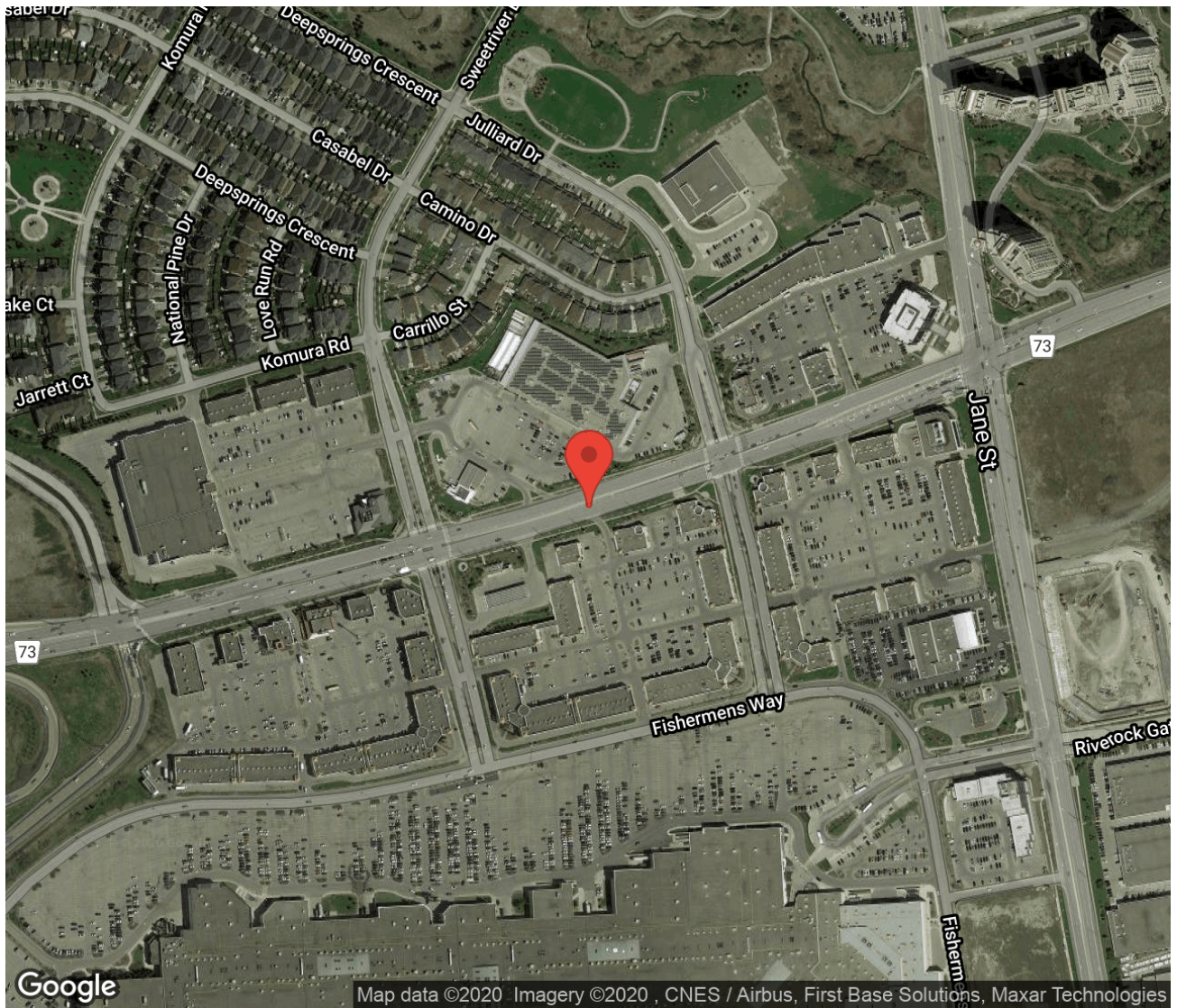
Intersection Count Report

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600138
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019





Traffic Count Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Municipality: Vaughan
 Count Date: Nov 19, 2019

3175 Rutherford Rd Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	0	0	0	0	0	0	0	0	0	0
08:00 - 09:00	0	0	0	0	0	0	0	0	0	0	0	1
09:00 - 10:00	0	0	0	0	0	0	0	0	0	0	0	3
BREAK												
14:00 - 15:00	0	0	0	0	0	0	0	0	1	0	1	4
15:00 - 16:00	0	0	0	0	0	0	0	0	0	0	0	3
16:00 - 17:00	0	0	0	0	0	0	0	0	0	0	0	3
17:00 - 18:00	0	0	0	0	0	0	0	0	0	0	0	5
18:00 - 19:00	0	0	0	0	0	0	0	0	0	0	0	2
GRAND TOTAL	0	0	0	0	0	0	0	0	1	0	1	21



Traffic Count Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Municipality: Vaughan
 Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1681	0	0	1681	0	0	1691	84	0	1775	0
08:00 - 09:00	0	1457	0	0	1457	0	0	1844	77	0	1921	0
09:00 - 10:00	0	1144	0	0	1144	0	0	1420	152	0	1572	0
BREAK												
14:00 - 15:00	0	1452	0	0	1452	0	0	1379	101	0	1480	0
15:00 - 16:00	0	1876	0	0	1876	0	0	1384	139	0	1523	1
16:00 - 17:00	0	1907	0	0	1907	0	0	1172	136	0	1308	0
17:00 - 18:00	0	1877	0	0	1877	0	0	1141	140	0	1281	0
18:00 - 19:00	0	1602	0	0	1602	0	0	1325	89	0	1414	0
GRAND TOTAL	0	12996	0	0	12996	0	0	11356	918	0	12274	1

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	319	0	0	319	0	59	0	0	59	0	2	0	0	2	0	0	0	0	0	0
07:15	0	384	0	0	384	0	64	0	0	64	0	3	0	0	3	0	0	0	0	0	0
07:30	0	349	0	0	349	0	82	0	0	82	0	3	0	0	3	0	0	0	0	0	0
07:45	0	346	0	0	346	0	67	0	0	67	0	3	0	0	3	0	0	0	0	0	0
08:00	0	298	0	0	298	0	61	0	0	61	0	1	0	0	1	0	0	0	0	0	0
08:15	0	325	0	0	325	0	57	0	0	57	0	2	0	0	2	0	0	0	0	0	0
08:30	0	333	0	0	333	0	61	0	0	61	0	2	0	0	2	0	0	0	0	0	0
08:45	0	253	0	0	253	0	60	0	0	60	0	4	0	0	4	0	0	0	0	0	0
09:00	0	191	0	0	191	0	59	0	0	59	0	1	0	0	1	0	0	0	0	0	0
09:15	0	247	0	0	247	0	55	0	0	55	0	8	0	0	8	0	0	0	0	0	0
09:30	0	210	0	0	210	0	61	0	0	61	0	3	0	0	3	0	0	0	0	0	0
09:45	0	236	0	0	236	0	69	0	0	69	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	0	3491	0	0	3491	0	755	0	0	755	0	36	0	0	36	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	279	0	0	279	0	55	0	0	55	0	2	0	0	2	0	0	0	0	0	0
14:15	0	310	0	0	310	0	54	0	0	54	0	2	0	0	2	0	0	0	0	0	0
14:30	0	294	0	0	294	0	66	0	0	66	0	6	0	0	6	0	0	0	0	0	0
14:45	0	309	0	0	309	0	72	0	0	72	0	3	0	0	3	0	0	0	0	0	0
15:00	0	404	0	0	404	0	74	0	0	74	0	3	0	0	3	0	0	0	0	0	0
15:15	0	428	0	0	428	0	72	0	0	72	0	1	0	0	1	0	0	0	0	0	0
15:30	0	384	0	0	384	0	72	0	0	72	0	0	0	0	0	0	0	0	0	0	0
15:45	0	382	0	0	382	0	52	0	0	52	0	4	0	0	4	0	0	0	0	0	0
16:00	0	387	0	0	387	0	68	0	0	68	0	0	0	0	0	0	1	0	0	1	0
16:15	0	431	0	0	431	0	65	0	0	65	0	5	0	0	5	0	0	0	0	0	0
16:30	0	430	0	0	430	0	62	0	0	62	0	0	0	0	0	0	0	0	0	0	0
16:45	0	402	0	0	402	0	55	0	0	55	0	1	0	0	1	0	0	0	0	0	0
17:00	0	435	0	0	435	0	52	0	0	52	0	1	0	0	1	0	0	0	0	0	0
17:15	0	436	0	0	436	0	55	0	0	55	0	0	0	0	0	0	0	0	0	0	0
17:30	0	388	0	0	388	0	46	0	0	46	0	1	0	0	1	0	0	0	0	0	0
17:45	0	415	0	0	415	0	48	0	0	48	0	0	0	0	0	0	0	0	0	0	0
18:00	0	390	0	0	390	0	46	0	0	46	0	2	0	0	2	0	0	0	0	0	0
18:15	0	372	0	0	372	0	40	0	0	40	0	0	0	0	0	0	0	0	0	0	0
18:30	0	360	0	0	360	0	36	0	0	36	0	1	0	0	1	0	0	0	0	0	0
18:45	0	330	0	0	330	0	25	0	0	25	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	7566	0	0	7566	0	1115	0	0	1115	0	32	0	0	32	0	1	0	0	1	0

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds				
	↶	↑	↷	↻		↶	↑	↷	↻		↶	↑	↷	↻						
GRAND TOTAL	0	11057	0	0	11057	0	1870	0	0	1870	0	68	0	0	68	0	1	0	1	0





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	321	21	0	342	0	45	1	0	46	0	2	0	0	2	0	0	0	0	0	0
07:15	0	357	30	0	387	0	40	1	0	41	0	1	0	0	1	0	0	0	0	0	0
07:30	0	420	21	0	441	0	43	1	0	44	0	7	0	0	7	0	0	0	0	0	0
07:45	0	398	9	0	407	0	54	0	0	54	0	3	0	0	3	0	0	0	0	0	0
08:00	0	429	13	0	442	0	49	1	0	50	0	5	0	0	5	0	0	0	0	0	0
08:15	0	426	29	0	455	0	60	0	0	60	0	1	0	0	1	0	0	0	0	0	0
08:30	0	383	26	0	409	0	59	0	0	59	0	1	0	0	1	0	0	0	0	0	0
08:45	0	375	7	0	382	0	51	1	0	52	0	5	0	0	5	0	0	0	0	0	0
09:00	0	317	45	0	362	0	59	2	0	61	0	3	0	0	3	0	1	0	0	1	0
09:15	0	315	29	0	344	0	63	1	0	64	0	1	0	0	1	0	0	0	0	0	0
09:30	0	294	6	0	300	0	62	2	0	64	0	3	0	0	3	0	0	0	0	0	0
09:45	0	240	65	0	305	0	62	2	0	64	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	4275	301	0	4576	0	647	12	0	659	0	32	0	0	32	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	271	35	0	306	0	65	0	0	65	0	3	0	0	3	0	0	0	0	0	0
14:15	0	282	12	0	294	0	61	3	0	64	0	4	0	0	4	0	0	0	0	0	0
14:30	0	273	45	0	318	0	70	0	0	70	0	3	0	0	3	0	0	0	0	0	0
14:45	0	293	6	0	299	0	51	0	0	51	0	3	0	0	3	0	0	0	0	0	0
15:00	0	263	36	0	299	0	52	0	0	52	0	1	0	0	1	0	0	0	0	0	0
15:15	0	318	15	0	333	0	56	3	0	59	0	1	0	0	1	0	0	0	0	0	0
15:30	0	301	59	0	360	0	45	0	0	45	0	2	0	0	2	0	0	0	0	0	0
15:45	0	287	26	0	313	0	56	0	0	56	0	2	0	0	2	0	0	0	0	0	1
16:00	0	225	26	0	251	0	49	0	0	49	0	3	0	0	3	0	0	0	0	0	0
16:15	0	258	40	0	298	0	36	1	0	37	0	1	0	0	1	0	0	0	0	0	0
16:30	0	254	13	0	267	0	39	1	0	40	0	2	0	0	2	0	0	0	0	0	0
16:45	0	278	55	0	333	0	26	0	0	26	0	1	0	0	1	0	0	0	0	0	0
17:00	0	266	22	0	288	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
17:15	0	258	32	0	290	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
17:30	0	272	80	0	352	0	18	1	0	19	0	1	0	0	1	0	0	0	0	0	0
17:45	0	267	5	0	272	0	26	0	0	26	0	0	0	0	0	0	0	0	0	0	0
18:00	0	285	33	0	318	0	18	1	0	19	0	1	0	0	1	0	0	0	0	0	0
18:15	0	290	33	0	323	0	31	0	0	31	0	1	0	0	1	0	0	0	0	0	0
18:30	0	328	6	0	334	0	7	0	0	7	0	3	0	0	3	0	0	0	0	0	0
18:45	0	344	16	0	360	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	5613	595	0	6208	0	755	10	0	765	0	33	0	0	33	0	0	0	0	0	1

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	9888	896	0	10784	0	1402	22	0	1424	0	65	0	0	65	0	1	0	0	1	1





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Site ID: 1936600138
Count Date: Nov 19, 2019

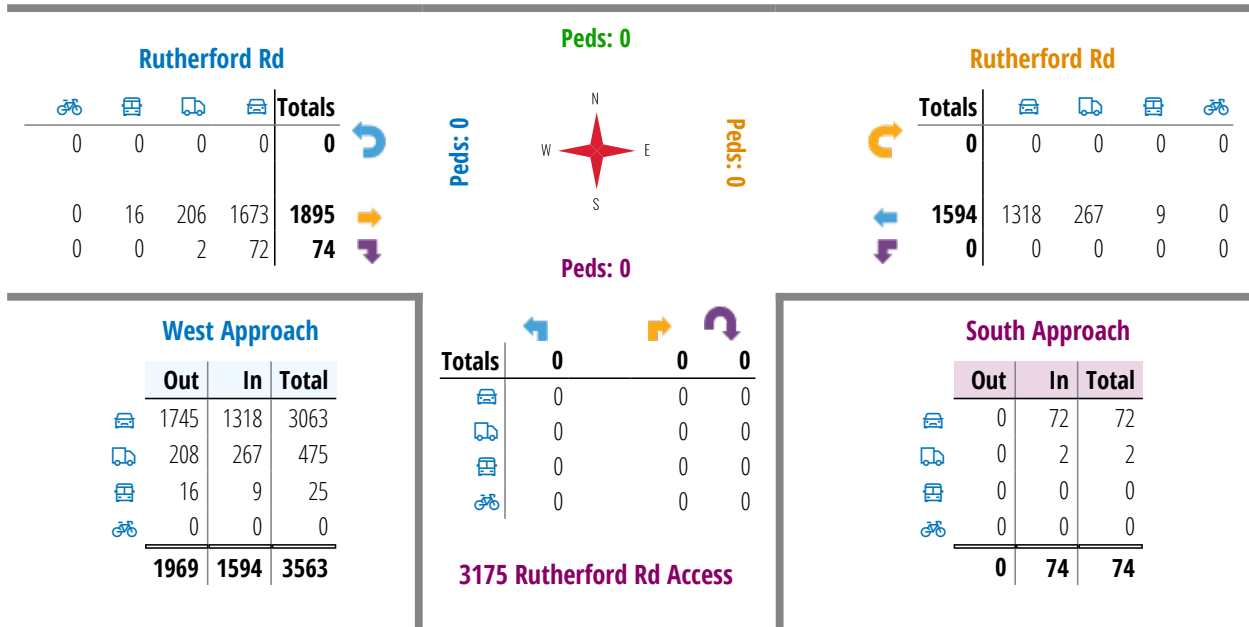
Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

East Approach

	Out	In	Total
	1318	1673	2991
	267	206	473
	9	16	25
	0	0	0
Totals	1594	1895	3489



- Cars

- Trucks

- Buses

- Bicycles

Comments



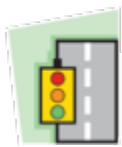
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Count Date: Nov 19, 2019
 Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach				South Approach 3175 Rutherford Rd Access				East Approach Rutherford Rd				West Approach Rutherford Rd				Total Vehic es							
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻		Peds	Total					
07:30					0		0		0	0	0	0	434		0	0	434		470	22	0	0	492	926
07:45					0		0		0	0	0	0	416		0	0	416		455	9	0	0	464	880
08:00					0		0		0	0	0	0	360		0	0	360		483	14	0	0	497	857
08:15					0		0		0	0	0	0	384		0	0	384		487	29	0	0	516	900
Grand Total					0	0	0	0	0	0	0	0	1594	0	0	1594	1895	74	0	0	1969	3563		
Approach %					-		0	0	0	-		0	100	0	-		96.2	3.8	0		-			
Totals %							0	0	0	0		0	44.7	0	44.7		53.2	2.1	0		55.3			
PHF					0	0	0	0	0	0	0	0	0.92	0	0.92	0.97	0.64	0		0.95	0.96			
Cars					0		0	0	0	0	0	1318	0	1318	1673	72	0		1745		3063			
% Cars					0		0	0	0	0	0	82.7	0	82.7	88.3	97.3	0		88.6		86			
Trucks					0		0	0	0	0	0	267	0	267	206	2	0		208		475			
% Trucks					0		0	0	0	0	0	16.8	0	16.8	10.9	2.7	0		10.6		13.3			
Buses					0		0	0	0	0	0	9	0	9	16	0	0		16		25			
% Buses					0		0	0	0	0	0	0.6	0	0.6	0.8	0	0		0.8		0.7			
Bicycles					0		0	0		0	0	0	0	0	0	0	0		0		0			
% Bicycles					0		0	0		0	0	0	0	0	0	0	0		0		0			
Peds					0	-			0	-			0	-			0	-	0	-	0			
% Peds					0	-			0	-			0	-			0	-	0	-	0			



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Site ID: 1936600138
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

East Approach

	Out	In	Total
	1598	1169	2767
	270	209	479
	8	6	14
	0	0	0
Totals	1876	1384	3260

Rutherford Rd

				Totals
0	0	0	0	0
0	6	209	1169	1384
0	0	3	136	139

Peds: 0

Peds: 1



Peds: 0

Peds: 3

Rutherford Rd

Totals				
0	0	0	0	0
1876	1598	270	8	0
0	0	0	0	0

West Approach

	Out	In	Total
	1305	1598	2903
	212	270	482
	6	8	14
	0	0	0
Totals	1523	1876	3399

Totals			
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

3175 Rutherford Rd Access

South Approach

	Out	In	Total
	0	136	136
	0	3	3
	0	0	0
	0	0	0
Totals	0	139	139

- Cars

- Trucks

- Buses

- Bicycles

Comments



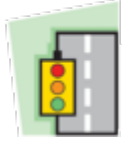
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Count Date: Nov 19, 2019
 Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach				South Approach 3175 Rutherford Rd Access				East Approach Rutherford Rd				West Approach Rutherford Rd				Total Vehicles								
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻		Peds	Total						
15:00					0		0		0	0	1	0	0	481		0	0	481		316	36	0	0	352	833
15:15					0		0		0	0	0	0	0	501		0	0	501		375	18	0	0	393	894
15:30					0		0		0	0	2	0	0	456		0	0	456		348	59	0	0	407	863
15:45					0		0		0	0	0	0	0	438		0	0	438		345	26	0	1	371	809
Grand Total					0	0	0	0	0	3	0	0	1876	0	0	1876	1384	139	0	1	1523	3399			
Approach %					-		0	0	0	-		0	100	0	-		90.9	9.1	0	-					
Totals %							0	0	0	0		0	55.2	0	55.2						40.7	4.1	0		44.8
PHF					0	0	0	0	0	0	0	0	0.94	0	0.94	0.92	0.59	0	0.94	0.95					
Cars					0		0	0	0	0		0	1598	0	1598	1169	136	0		1305	2903				
% Cars					0		0	0	0	0		0	85.2	0	85.2	84.5	97.8	0		85.7	85.4				
Trucks					0		0	0	0	0		0	270	0	270	209	3	0		212	482				
% Trucks					0		0	0	0	0		0	14.4	0	14.4	15.1	2.2	0		13.9	14.2				
Buses					0		0	0	0	0		0	8	0	8	6	0	0		6	14				
% Buses					0		0	0	0	0		0	0.4	0	0.4	0.4	0	0		0.4	0.4				
Bicycles					0		0	0	0	0		0	0	0	0	0	0	0		0	0				
% Bicycles					0		0	0	0	0		0	0	0	0	0	0	0		0	0				
Peds					0	-			3	-			0	-					1	-	4				
% Peds					0	-			75	-			0	-					25	-					



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

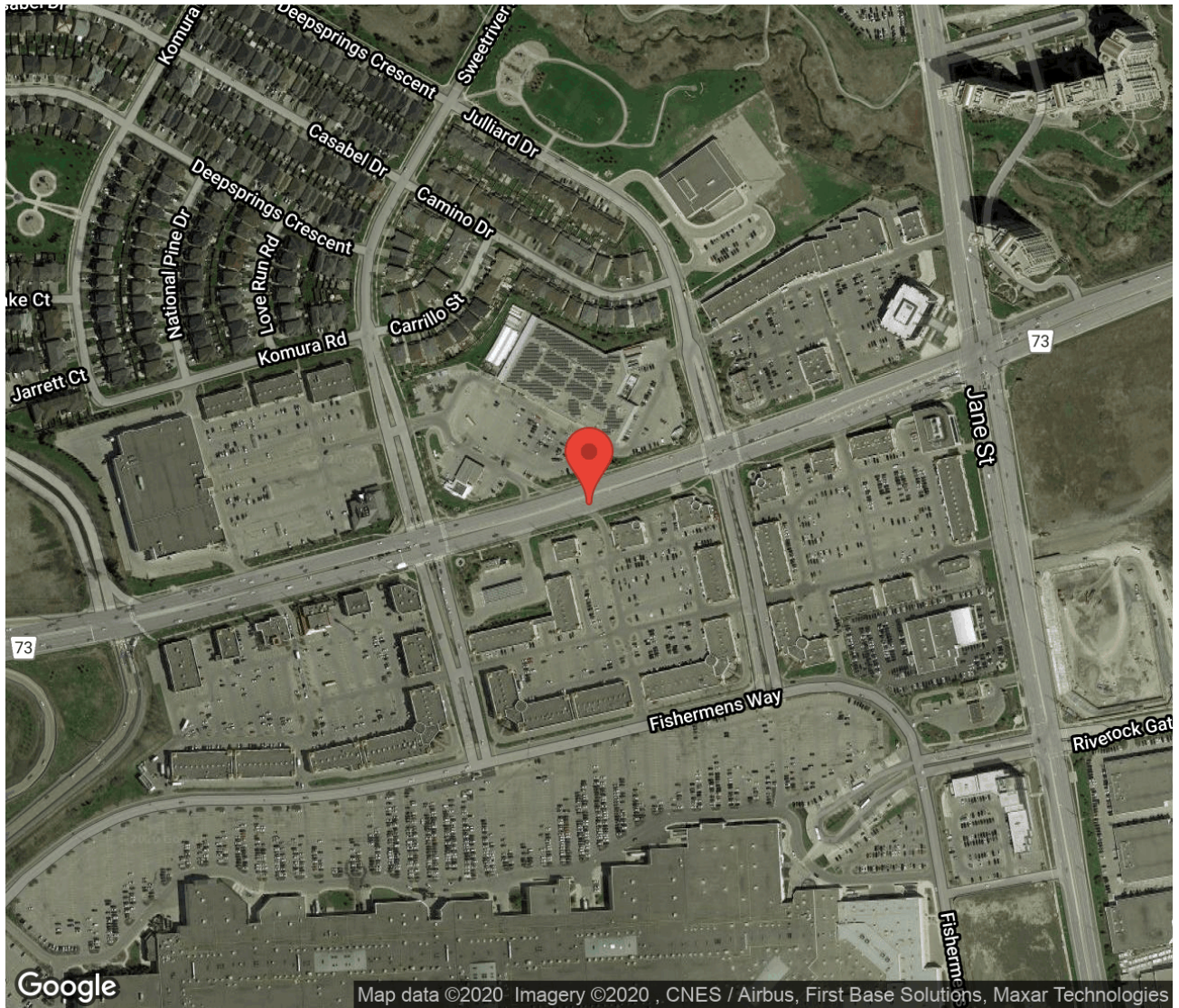
Intersection Count Report

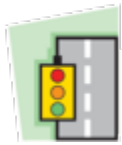
Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600139
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019





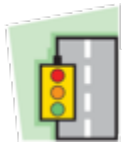
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

3175 Rutherford Rd Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	0	0	0	0	0	0	0	0	0	0
12:00 - 13:00	0	0	0	0	0	0	0	0	0	0	0	0
13:00 - 14:00	0	0	0	0	0	0	0	0	0	0	0	0
14:00 - 15:00	0	0	0	0	0	0	1	0	1	0	2	0
15:00 - 16:00	0	0	0	0	0	0	0	0	2	0	2	3
16:00 - 17:00	0	0	0	0	0	0	0	0	0	0	0	5
17:00 - 18:00	0	0	0	0	0	0	0	0	0	0	0	5
18:00 - 19:00	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	0	0	0	0	0	1	0	3	0	4	13



Traffic Count Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Municipality: Vaughan
 Count Date: Nov 16, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	1464	0	0	1464	0	0	1439	76	0	1515	0
12:00 - 13:00	0	1649	0	0	1649	0	0	1509	79	0	1588	0
13:00 - 14:00	0	1782	0	0	1782	0	0	1489	69	0	1558	0
14:00 - 15:00	0	1701	0	0	1701	4	0	1453	53	0	1506	3
15:00 - 16:00	0	1762	0	0	1762	0	0	1339	55	0	1394	2
16:00 - 17:00	0	1578	0	0	1578	0	0	1381	41	0	1422	3
17:00 - 18:00	0	1674	0	0	1674	0	0	1534	51	0	1585	0
18:00 - 19:00	0	1446	0	0	1446	2	0	1524	51	0	1575	1
GRAND TOTAL	0	1305	0	0	1305	6	0	1166	8	475	1214	3



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - 3175 Rutherford Rd Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
GRAND TOTAL	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	369	0	0	369	0	19	0	0	19	0	2	0	0	2	0	0	0	0	0	0
16:30	0	380	0	0	380	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
16:45	0	386	0	0	386	0	20	0	0	20	0	0	0	0	0	0	0	0	0	0	0
17:00	0	418	0	0	418	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
17:15	0	396	0	0	396	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
17:30	0	383	0	0	383	0	9	0	0	9	0	2	0	0	2	0	0	0	0	0	0
17:45	0	438	0	0	438	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
18:00	0	374	0	0	374	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:15	0	378	0	0	378	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	1
18:30	0	335	0	0	335	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	1
18:45	0	326	0	0	326	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	12312	0	0	12312	0	716	0	0	716	0	28	0	0	28	0	0	0	0	0	6
GRAND TOTAL	0	12312	0	0	12312	0	716	0	0	716	0	28	0	0	28	0	0	0	0	0	6



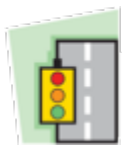
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total		
16:15	0	351	11	0	362	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	331	11	0	342	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	2
16:45	0	322	8	0	330	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	1
17:00	0	335	10	0	345	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0	0
17:15	0	402	18	0	420	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	384	8	0	392	0	12	1	0	13	0	1	0	0	1	0	0	0	0	0	0	0
17:45	0	387	9	0	396	0	0	3	0	3	0	2	0	0	2	0	0	0	0	0	0	0
18:00	0	406	10	0	416	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
18:15	0	369	12	0	381	0	9	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	372	17	0	389	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0	1
18:45	0	354	8	0	362	0	3	2	0	5	0	1	0	0	1	0	0	0	0	0	0	0
SUBTOTAL	0	11301	445	0	11746	0	348	30	0	378	0	19	0	0	19	0	0	0	0	0	0	9
GRAND TOTAL	0	11301	445	0	11746	0	348	30	0	378	0	19	0	0	19	0	0	0	0	0	0	9



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Site ID: 1936600139
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

East Approach

	Out	In	Total
	1664	1439	3103
	114	47	161
	4	3	7
	0	0	0
Totals	1782	1489	3271

Rutherford Rd

				Totals
0	0	0	0	0
0	3	47	1439	1489
0	0	7	62	69

Peds: 0

Peds: 0



Peds: 0

Rutherford Rd

Totals				
0	0	0	0	0
1782	1664	114	4	0
0	0	0	0	0

Peds: 0

West Approach

	Out	In	Total
	1501	1664	3165
	54	114	168
	3	4	7
	0	0	0
Totals	1558	1782	3340

Totals			
0	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

3175 Rutherford Rd Access

South Approach

	Out	In	Total
	0	62	62
	0	7	7
	0	0	0
	0	0	0
Totals	0	69	69

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Count Date: Nov 16, 2019
 Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach					South Approach 3175 Rutherford Rd Access					East Approach Rutherford Rd					West Approach Rutherford Rd					Total Vehi cles				
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑		→	↻	Peds	Total
13:00					0		0		0	0	0		0	448		0	0	448		385	18	0	0	403	851
13:15					0		0		0	0	0		0	447		0	0	447		363	19	0	0	382	829
13:30					0		0		0	0	0		0	441		0	0	441		346	14	0	0	360	801
13:45					0		0		0	0	0		0	446		0	0	446		395	18	0	0	413	859
Grand Total					0	0	0	0	0	0	0	0	0	1782	0	0	1782	1489	69	0	0	1558	3340		
Approach %					-	-	0	0	0	0	-	-	0	100	0	-	-	95.6	4.4	0	0	-	-		
Totals %					0	0	0	0	0	0	0	0	0	53.4	0	53.4	44.6	2.1	0	0	46.6				
PHF					0	0	0	0	0	0	0	0	0	0.99	0	0.99	0.94	0.91	0	0	0.94	0.97			
Cars					0	0	0	0	0	0	0	0	0	1664	0	1664	1439	62	0	0	1501	3165			
% Cars					0	0	0	0	0	0	0	0	0	93.4	0	93.4	96.6	89.9	0	0	96.3	94.8			
Trucks					0	0	0	0	0	0	0	0	0	114	0	114	47	7	0	0	54	168			
% Trucks					0	0	0	0	0	0	0	0	0	6.4	0	6.4	3.2	10.1	0	0	3.5	5			
Buses					0	0	0	0	0	0	0	0	0	4	0	4	3	0	0	0	3	7			
% Buses					0	0	0	0	0	0	0	0	0	0.2	0	0.2	0.2	0	0	0	0.2	0.2			
Bicycles					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
% Bicycles					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 17:15:00
To: 18:15:00

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
Site ID: 1936600139
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

East Approach

	Out	In	Total
	1591	1579	3170
	33	17	50
	4	4	8
	0	0	0
Totals	1628	1600	3228

Rutherford Rd

				Totals
0	0	0	0	0
0	4	17	1579	1600
0	0	5	45	50

Peds: 0



Peds: 0

Peds: 0

Peds: 5

Rutherford Rd

Totals				
0	0	0	0	0
1628	1591	33	4	0
0	0	0	0	0

West Approach

	Out	In	Total
	1624	1591	3215
	22	33	55
	4	4	8
	0	0	0
Totals	1650	1628	3278

Totals			
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

3175 Rutherford Rd Access

South Approach

	Out	In	Total
	0	45	45
	0	5	5
	0	0	0
	0	0	0
Totals	0	50	50

- Cars

- Trucks

- Buses

- Bicycles

Comments



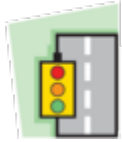
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 3175 Rutherford Rd Access
 Count Date: Nov 16, 2019
 Period: 14:00 - 19:00

Peak Hour Data (17:15 - 18:15)

Start Time	North Approach				South Approach 3175 Rutherford Rd Access				East Approach Rutherford Rd				West Approach Rutherford Rd				Total Vehi cles								
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻		Peds	Total						
17:15					0		0		0	0	0	0	0	408			0	0	408	406	19	0	0	425	833
17:30					0		0		0	0	5	0	0	394			0	0	394	397	9	0	0	406	800
17:45					0		0		0	0	0	0	0	441			0	0	441	389	12	0	0	401	842
18:00					0		0		0	0	0	0	0	385			0	0	385	408	10	0	0	418	803
Grand Total					0	0	0	0	0	5	0	0	1628	0	0	1628	1600	50	0	0	1650	3278			
Approach %					-		0	0	0	-		0	100	0	-		97	3	0	-					
Totals %													49.7			49.7	48.8	1.5	0		50.3				
PHF					0	0	0	0	0	0	0	0	0.92	0	0.92	0.98	0.66	0		0.97	0.97				
Cars					0		0	0	0	0	0	0	1591	0	1591	1579	45	0		1624	3215				
% Cars					0		0	0	0	0	0	0	97.7	0	97.7	98.7	90	0		98.4	98.1				
Trucks					0		0	0	0	0	0	0	33	0	33	17	5	0		22	55				
% Trucks					0		0	0	0	0	0	0	2	0	2	1.1	10	0		1.3	1.7				
Buses					0		0	0	0	0	0	0	4	0	4	4	0	0		4	8				
% Buses					0		0	0	0	0	0	0	0.2	0	0.2	0.3	0	0		0.2	0.2				
Bicycles					0		0	0	0	0	0	0	0	0	0	0	0	0		0	0				
% Bicycles					0		0	0	0	0	0	0	0	0	0	0	0	0		0	0				
Peds					0	-			5	-				0	-			0	-		5				
% Peds					0	-			100	-				0	-			0	-		-				



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

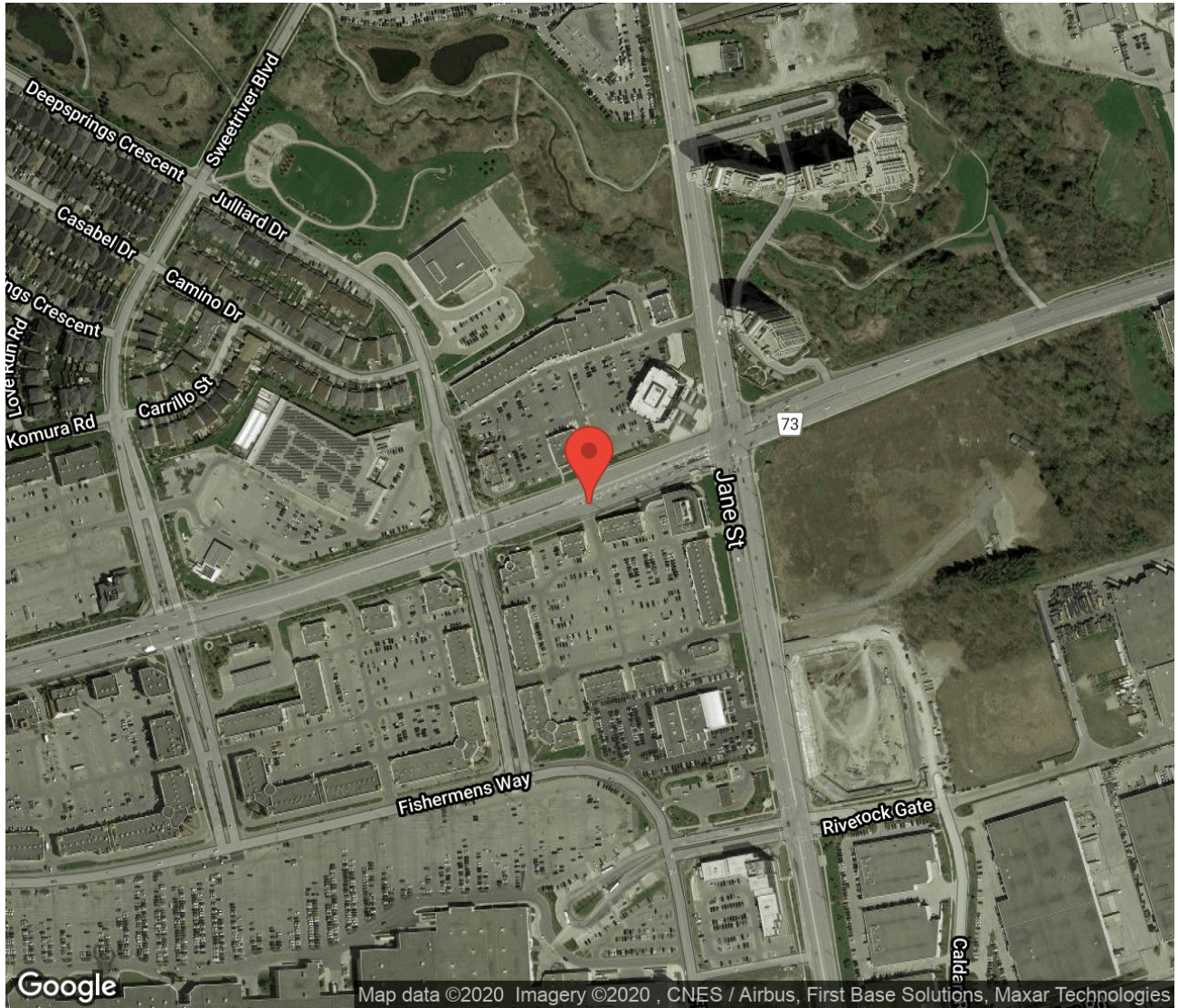
Intersection Count Report

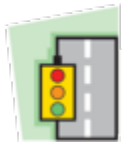
Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600140
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019





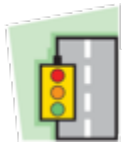
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

Commercial Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	9	0	9	0	0	0	15	0	15	4
08:00 - 09:00	0	0	7	0	7	5	0	0	15	0	15	0
09:00 - 10:00	0	0	11	0	11	6	0	0	16	0	16	6
BREAK												
14:00 - 15:00	0	0	25	0	25	8	0	0	45	0	45	9
15:00 - 16:00	0	0	17	0	17	12	0	0	54	0	54	1
16:00 - 17:00	0	0	34	0	34	8	0	0	50	0	50	5
17:00 - 18:00	0	0	25	0	25	0	0	0	45	0	45	3
18:00 - 19:00	0	0	18	0	18	2	0	0	36	0	36	3
GRAND TOTAL	0	0	146	0	146	41	0	0	276	0	276	31



Traffic Count Summary

Intersection: Rutherford Rd & 9100 Jane St Access
 Municipality: Vaughan
 Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1633	71	0	1704	0	0	1644	26	0	1670	0
08:00 - 09:00	0	1445	55	0	1500	0	0	1733	67	0	1800	0
09:00 - 10:00	0	1162	53	0	1215	0	0	1336	64	0	1400	0
BREAK												
14:00 - 15:00	0	1281	54	0	1335	1	0	1463	42	0	1505	0
15:00 - 16:00	0	1731	64	0	1795	0	0	1509	37	0	1546	0
16:00 - 17:00	0	1651	49	0	1700	0	0	1249	33	0	1282	0
17:00 - 18:00	0	1666	49	0	1715	0	0	1172	27	0	1199	0
18:00 - 19:00	0	1518	67	0	1585	0	0	1316	32	0	1348	0
GRAND TOTAL	0	1208	7	462	0	9	1	1142	2	328	0	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	0	138	0	138	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	41





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

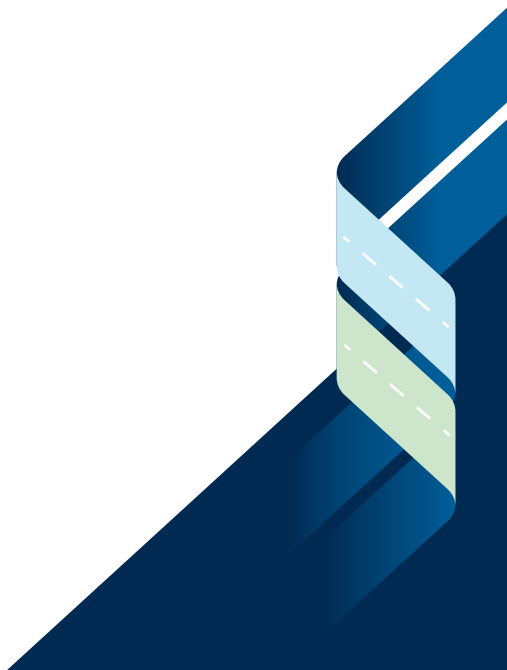
Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - 9100 Jane St Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
14:15	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	10	0	10	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	5
14:45	0	0	10	0	10	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
15:00	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:30	0	0	24	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	11	0	11	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
16:00	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16:15	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	22	0	22	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
16:45	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17:00	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:15	0	0	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:30	0	0	10	0	10	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
17:45	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:15	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SUBTOTAL	0	0	225	0	225	0	0	2	0	2	0	0	3	0	3	0	0	0	0	0	21

Start Time	Cars					Trucks					Buses					Total Peds				
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total					
GRAND TOTAL	0	0	269	0	269	0	0	4	0	4	0	0	3	0	3	0	0	0	0	31





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	314	16	0	330	0	60	1	0	61	0	4	0	0	4	0	0	0	0	0	0
07:15	0	380	15	0	395	0	57	2	0	59	0	2	0	0	2	0	0	0	0	0	0
07:30	0	340	23	0	363	0	72	1	0	73	0	4	0	0	4	0	0	0	0	0	0
07:45	0	339	13	0	352	0	59	0	0	59	0	2	0	0	2	0	0	0	0	0	0
08:00	0	278	8	0	286	0	58	2	0	60	0	2	0	0	2	0	0	0	0	0	0
08:15	0	331	16	0	347	0	56	0	0	56	0	2	0	0	2	0	0	0	0	0	0
08:30	0	330	18	0	348	0	58	1	0	59	0	2	0	0	2	0	0	0	0	0	0
08:45	0	265	10	0	275	0	59	0	0	59	0	4	0	0	4	0	0	0	0	0	0
09:00	0	185	11	0	196	0	57	3	0	60	0	2	0	0	2	0	0	0	0	0	0
09:15	0	246	17	0	263	0	55	1	0	56	0	7	0	0	7	0	0	0	0	0	0
09:30	0	224	9	0	233	0	59	2	0	61	0	3	0	0	3	0	0	0	0	0	0
09:45	0	249	9	0	258	0	69	1	0	70	0	6	0	0	6	0	0	0	0	0	0
SUBTOTAL	0	3481	165	0	3646	0	719	14	0	733	0	40	0	0	40	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	233	13	0	246	0	47	0	0	47	0	2	0	0	2	0	0	0	0	0	0
14:15	0	275	12	0	287	0	49	2	0	51	0	7	0	0	7	0	0	0	0	0	0
14:30	0	268	12	0	280	0	57	1	0	58	0	2	0	0	2	0	0	0	0	0	0
14:45	0	266	14	0	280	0	70	0	0	70	0	5	0	0	5	0	0	0	0	0	1
15:00	0	374	13	0	387	0	73	1	0	74	0	2	0	0	2	0	0	0	0	0	0
15:15	0	387	11	0	398	0	67	0	0	67	0	2	0	0	2	0	0	0	0	0	0
15:30	0	351	14	0	365	0	63	0	0	63	0	1	0	0	1	0	0	0	0	0	0
15:45	0	359	22	0	381	0	48	3	0	51	0	4	0	0	4	0	0	0	0	0	0
16:00	0	331	12	0	343	0	61	1	0	62	0	0	0	0	0	0	0	0	0	0	0
16:15	0	382	11	0	393	0	55	0	0	55	0	6	0	0	6	0	0	0	0	0	0
16:30	0	364	13	0	377	0	52	1	0	53	0	2	0	0	2	0	0	0	0	0	0
16:45	0	350	10	0	360	0	48	1	0	49	0	0	0	0	0	0	0	0	0	0	0
17:00	0	361	11	0	372	0	46	0	0	46	0	1	0	0	1	0	0	0	0	0	0
17:15	0	386	14	0	400	0	48	0	0	48	0	2	0	0	2	0	0	0	0	0	0
17:30	0	352	9	0	361	0	43	0	0	43	0	1	0	0	1	0	0	0	0	0	0
17:45	0	378	15	0	393	0	47	0	0	47	0	1	0	0	1	0	0	0	0	0	0
18:00	0	359	17	0	376	0	43	0	0	43	0	2	0	0	2	0	0	0	0	0	0
18:15	0	351	16	0	367	0	34	0	0	34	0	0	0	0	0	0	0	0	0	0	0
18:30	0	339	24	0	363	0	37	0	0	37	0	1	0	0	1	0	0	0	0	0	0
18:45	0	327	10	0	337	0	24	0	0	24	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	6793	273	0	7066	0	1012	10	0	1022	0	42	0	0	42	0	0	0	0	0	1

Start Time	Cars				Trucks				Buses				Bicycles				Total Peds				
	↶	↑	↷	↶	↶	↑	↷	↶	↶	↑	↷	↶	↶	↑	↷	↶		↶	↑	↷	Total
GRAND TOTAL	0	10274	438	0	10712	0	1731	24	0	1755	0	82	0	0	82	0	0	0	0	0	1





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	311	4	0	315	0	47	1	0	48	0	2	0	0	2	0	0	1	0	1	0
07:15	0	345	6	0	351	0	41	0	0	41	0	2	0	0	2	0	0	0	0	0	0
07:30	0	408	5	0	413	0	44	0	0	44	0	6	0	0	6	0	0	0	0	0	0
07:45	0	376	9	0	385	0	53	0	0	53	0	9	0	0	9	0	0	0	0	0	0
08:00	0	404	10	0	414	0	45	1	0	46	0	7	0	0	7	0	1	0	0	1	0
08:15	0	411	13	0	424	0	57	1	0	58	0	2	0	0	2	0	0	0	0	0	0
08:30	0	353	19	0	372	0	57	1	0	58	0	2	0	0	2	0	0	0	0	0	0
08:45	0	338	22	0	360	0	50	0	0	50	0	6	0	0	6	0	0	0	0	0	0
09:00	0	280	21	0	301	0	59	1	0	60	0	4	0	0	4	0	1	0	0	1	0
09:15	0	286	8	0	294	0	60	2	0	62	0	3	0	0	3	0	0	0	0	0	0
09:30	0	285	16	0	301	0	59	2	0	61	0	1	0	0	1	0	0	0	0	0	0
09:45	0	238	12	0	250	0	58	2	0	60	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	4035	145	0	4180	0	630	11	0	641	0	46	0	0	46	0	2	1	0	3	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	273	14	0	287	0	68	0	0	68	0	3	0	0	3	0	0	0	0	0	0
14:15	0	303	8	0	311	0	61	0	0	61	0	3	0	0	3	0	0	0	0	0	0
14:30	0	304	12	0	316	0	72	0	0	72	0	2	0	0	2	0	0	0	0	0	0
14:45	0	313	8	0	321	0	57	0	0	57	0	4	0	0	4	0	0	0	0	0	0
15:00	0	287	10	0	297	0	55	0	0	55	0	2	0	0	2	0	0	0	0	0	0
15:15	0	359	7	0	366	0	56	0	0	56	0	2	0	0	2	0	0	0	0	0	0
15:30	0	315	16	0	331	0	46	0	0	46	0	1	0	0	1	0	0	0	0	0	0
15:45	0	326	4	0	330	0	56	0	0	56	0	4	0	0	4	0	0	0	0	0	0
16:00	0	253	4	0	257	0	48	1	0	49	0	3	0	0	3	0	0	0	0	0	0
16:15	0	278	10	0	288	0	32	1	0	33	0	2	0	0	2	0	0	0	0	0	0
16:30	0	281	4	0	285	0	36	0	0	36	0	2	0	0	2	0	0	0	0	0	0
16:45	0	287	13	0	300	0	26	0	0	26	0	1	0	0	1	0	0	0	0	0	0
17:00	0	289	7	0	296	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
17:15	0	258	4	0	262	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
17:30	0	248	10	0	258	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
17:45	0	303	6	0	309	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
18:00	0	279	5	0	284	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
18:15	0	307	7	0	314	0	26	0	0	26	0	3	0	0	3	0	0	0	0	0	0
18:30	0	309	10	0	319	0	6	0	0	6	0	3	0	0	3	0	0	0	0	0	0
18:45	0	346	10	0	356	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	5918	169	0	6087	0	750	2	0	752	0	41	0	0	41	0	0	0	0	0	0

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↶		↷	↶	↑	↷		↶	↷	↶	↑			↷	↶			
GRAND TOTAL	0	9953	314	0	10267	0	1380	13	0	1393	0	87	0	0	87	0	2	1	0	3	0





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00

Intersection: Rutherford Rd & 9100 Jane St Access
Site ID: 1936600140
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	6	60	66
	1	3	4
	0	0	0
	0	0	0
Totals	7	63	70

Commercial Access

	0	0	0	0
	0	0	0	0
	1	0	0	0
	6	0	0	0
Totals	7	0	0	0

East Approach

	Out	In	Total
	1348	1608	2956
	248	200	448
	10	24	34
	0	1	1
Totals	1606	1833	3439

Rutherford Rd

				Totals	
0	0	0	0	0	
0	0	0	0	0	
1	24	199	1599	1823	
0	0	2	37	39	

Peds: 3



Rutherford Rd

Totals				
0	0	0	0	0
63	60	3	0	0
1543	1288	245	10	0
0	0	0	0	0

Peds: 4

West Approach

	Out	In	Total
	1636	1294	2930
	201	246	447
	24	10	34
	1	0	1
Totals	1862	1550	3412

Totals				
0	0	0	10	0
	0	0	9	0
	0	0	1	0
	0	0	0	0
	0	0	0	0

9100 Jane St Access

South Approach

	Out	In	Total
	9	37	46
	1	2	3
	0	0	0
	0	0	0
Totals	10	39	49

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 9100 Jane St Access
Count Date: Nov 19, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Commercial Access						South Approach 9100 Jane St Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
07:30	0	0	3	0	0	3	0	0	3	0	0	3	0	416	24	0	0	440	0	458	5	0	0	463	909	
07:45	0	0	1	0	0	1	0	0	1	0	4	1	0	400	13	0	0	413	0	438	9	0	0	447	862	
08:00	0	0	0	0	1	0	0	0	0	0	0	0	0	338	10	0	0	348	0	457	11	0	0	468	816	
08:15	0	0	3	0	2	3	0	0	6	0	0	6	0	389	16	0	0	405	0	470	14	0	0	484	898	
Grand Total	0	0	7	0	3	7	0	0	10	0	4	10	0	1543	63	0	0	1606	0	1823	39	0	0	1862	3485	
Approach %	0	0	100	0	-	-	0	0	100	0	-	-	0	96.1	3.9	0	-	0	97.9	2.1	0	-	-	-		
Totals %	0	0	0.2	0	-	0.2	0	0	0.3	0	-	0.3	0	44.3	1.8	0	-	46.1	0	52.3	1.1	0	-	-	53.4	
PHF	0	0	0.58	0	-	0.58	0	0	0.42	0	-	0.42	0	0.93	0.66	0	-	0.91	0	0.97	0.7	0	-	-	0.96	0.96
Cars	0	0	6	0	-	6	0	0	9	0	-	9	0	1288	60	0	-	1348	0	1599	37	0	-	1636	2999	
% Cars	0	0	85.7	0	-	85.7	0	0	90	0	-	90	0	83.5	95.2	0	-	83.9	0	87.7	94.9	0	-	87.9	86.1	
Trucks	0	0	1	0	-	1	0	0	1	0	-	1	0	245	3	0	-	248	0	199	2	0	-	201	451	
% Trucks	0	0	14.3	0	-	14.3	0	0	10	0	-	10	0	15.9	4.8	0	-	15.4	0	10.9	5.1	0	-	10.8	12.9	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	10	0	0	-	10	0	24	0	0	-	24	34	
% Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0.6	0	0	-	0.6	0	1.3	0	0	-	1.3	1	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	1	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0.1	0	0	-	0.1	0	
Peds	-	-	-	-	3	-	-	-	-	-	4	-	-	-	-	-	0	-	-	-	-	-	0	-	7	
% Peds	-	-	-	-	42.9	-	-	-	-	-	57.1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 15:00:00
To: 16:00:00

Intersection: Rutherford Rd & 9100 Jane St Access
Site ID: 1936600140
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	16	60	76
	1	4	5
	0	0	0
	0	0	0
Totals	17	64	81

Commercial Access

	0	0	0	0
	0	0	0	0
	1	0	0	0
	16	0	0	0
Totals	17	0	0	0

East Approach

	Out	In	Total
	1531	1340	2871
	255	213	468
	9	10	19
	0	0	0
Totals	1795	1563	3358

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	9	213	1287	1509
	0	0	0	37	37

Peds: 12



Rutherford Rd

Totals				
0	0	0	0	0
64	60	4	0	0
1731	1471	251	9	0
0	0	0	0	0

West Approach

	Out	In	Total
	1324	1487	2811
	213	252	465
	9	9	18
	0	0	0
Totals	1546	1748	3294

Totals				
0	0	0	54	0
	0	0	53	0
	0	0	0	0
	0	0	1	0
	0	0	0	0

9100 Jane St Access

South Approach

	Out	In	Total
	53	37	90
	0	0	0
	1	0	1
	0	0	0
Totals	54	37	91

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 9100 Jane St Access
Count Date: Nov 19, 2019
Period: 14:00 - 19:00

Peak Hour Data (15:00 - 16:00)

Start Time	North Approach Commercial Access						South Approach 9100 Jane St Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehic es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:00	0	0	1	0	4	1	0	0	7	0	0	7	0	449	14	0	0	463	0	344	10	0	0	354	825
15:15	0	0	3	0	3	3	0	0	11	0	1	11	0	456	11	0	0	467	0	417	7	0	0	424	905
15:30	0	0	10	0	2	10	0	0	24	0	0	24	0	415	14	0	0	429	0	362	16	0	0	378	841
15:45	0	0	3	0	3	3	0	0	12	0	0	12	0	411	25	0	0	436	0	386	4	0	0	390	841
Grand Total	0	0	17	0	12	17	0	0	54	0	1	54	0	1731	64	0	0	1795	0	1509	37	0	0	1546	3412
Approach %	0	0	100	0	-	-	0	0	100	0	-	-	0	96.4	3.6	0	-	0	97.6	2.4	0	-	-	-	
Totals %	0	0	0.5	0	0.5	0.5	0	0	1.6	0	1.6	0	50.7	1.9	0	52.6	0	44.2	1.1	0	45.3				
PHF	0	0	0.43	0	0.43	0.43	0	0	0.56	0	0.56	0	0.95	0.64	0	0.96	0	0.9	0.58	0	0.91	0.94			
Cars	0	0	16	0	16	16	0	0	53	0	53	0	1471	60	0	1531	0	1287	37	0	1324	2924			
% Cars	0	0	94.1	0	94.1	94.1	0	0	98.1	0	98.1	0	85	93.8	0	85.3	0	85.3	100	0	85.6	85.7			
Trucks	0	0	1	0	1	1	0	0	0	0	0	0	251	4	0	255	0	213	0	0	213	469			
% Trucks	0	0	5.9	0	5.9	5.9	0	0	0	0	0	0	14.5	6.3	0	14.2	0	14.1	0	0	13.8	13.7			
Buses	0	0	0	0	0	0	0	0	1	0	1	0	9	0	0	9	0	9	0	0	9	19			
% Buses	0	0	0	0	0	0	0	0	1.9	0	1.9	0	0.5	0	0	0.5	0	0.6	0	0	0.6	0.6			
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Peds					12	-					1	-					0	-					0	-	13
% Peds					92.3	-					7.7	-					0	-					0	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

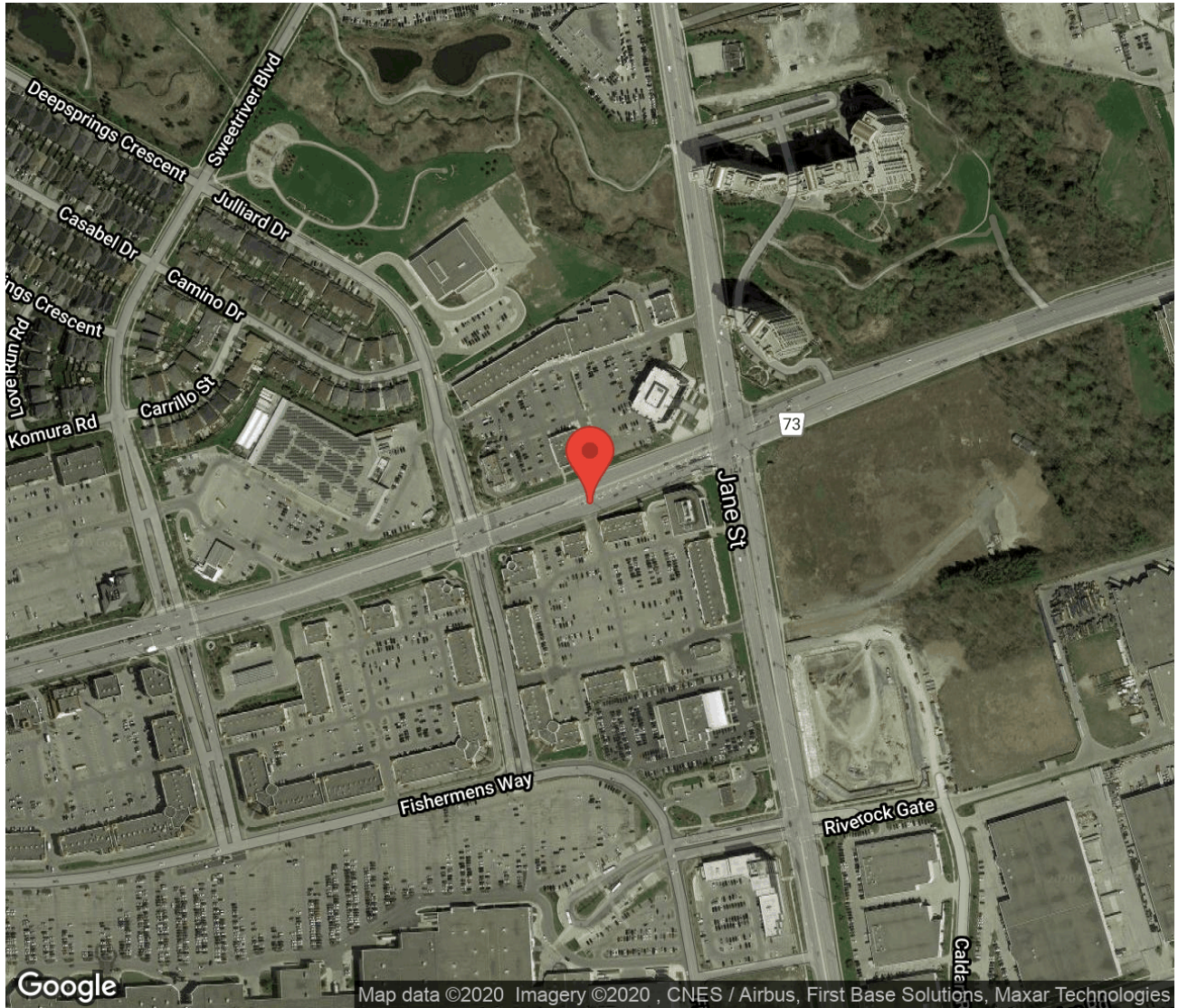
Intersection Count Report

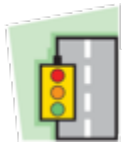
Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600141
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019



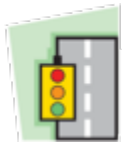


Traffic Count Summary

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

Commercial Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	37	0	37	5	0	0	32	0	32	5
12:00 - 13:00	0	0	37	0	37	2	0	0	47	0	47	2
13:00 - 14:00	0	0	43	0	43	7	0	0	42	0	42	2
14:00 - 15:00	0	0	45	0	45	3	0	0	34	0	34	5
15:00 - 16:00	0	0	32	0	32	0	0	0	48	1	49	1
16:00 - 17:00	0	0	27	0	27	1	0	0	46	0	46	2
17:00 - 18:00	0	0	19	0	19	3	0	0	37	4	41	1
18:00 - 19:00	0	0	24	0	24	1	0	0	37	1	38	0
GRAND TOTAL	0	0	264	0	264	22	0	0	323	6	329	18



Traffic Count Summary

Intersection: Rutherford Rd & 9100 Jane St Access
 Municipality: Vaughan
 Count Date: Nov 16, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	1481	103	0	1584	0	0	1430	44	0	1474	0
12:00 - 13:00	0	1560	105	0	1665	0	0	1512	40	0	1552	0
13:00 - 14:00	0	1628	102	0	1730	0	0	1495	34	0	1529	0
14:00 - 15:00	0	1546	89	0	1635	0	0	1565	28	0	1593	0
15:00 - 16:00	0	1624	108	0	1732	0	0	1483	30	0	1513	0
16:00 - 17:00	0	1413	76	0	1489	0	0	1579	29	0	1608	0
17:00 - 18:00	0	1502	68	0	1570	0	0	1701	33	0	1734	0
18:00 - 19:00	0	1277	64	0	1341	0	0	1620	37	0	1657	0
GRAND TOTAL	0	1203	715	0	1274	0	0	1238	275	0	1266	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - 9100 Jane St Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:45	0	0	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	8	0	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	4	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	14	1	15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	9	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	8	0	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	314	6	320	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	18
GRAND TOTAL	0	0	314	6	320	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	18



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	322	18	0	340	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
16:30	0	340	18	0	358	0	16	1	0	17	0	1	0	0	1	0	0	0	0	0	0
16:45	0	371	23	0	394	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
17:00	0	391	14	0	405	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
17:15	0	347	11	0	358	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
17:30	0	348	18	0	366	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
17:45	0	383	25	0	408	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
18:00	0	333	14	0	347	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
18:15	0	329	25	0	354	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
18:30	0	309	13	0	322	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
18:45	0	284	12	0	296	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	11384	685	0	12069	0	621	30	0	651	0	26	0	0	26	0	0	0	0	0	0
GRAND TOTAL	0	11384	685	0	12069	0	621	30	0	651	0	26	0	0	26	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	404	5	0	409	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
16:30	0	389	7	0	396	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
16:45	0	350	12	0	362	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
17:00	0	380	12	0	392	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
17:15	0	446	6	0	452	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	0	429	6	0	435	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
17:45	0	418	8	0	426	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
18:00	0	419	9	0	428	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:15	0	413	12	0	425	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:30	0	386	6	0	392	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
18:45	0	373	10	0	383	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	11981	268	0	12249	0	378	7	0	385	0	26	0	0	26	0	0	0	0	0	0
GRAND TOTAL	0	11981	268	0	12249	0	378	7	0	385	0	26	0	0	26	0	0	0	0	0	0



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Rutherford Rd & 9100 Jane St Access
Site ID: 1936600141
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	42	94	136
	1	8	9
	0	0	0
	0	0	0
Totals	43	102	145

Commercial Access

	0	0	0	0
	0	0	0	0
	1	0	0	0
	42	0	0	0
Totals	43	0	0	0

East Approach

	Out	In	Total
	1616	1482	3098
	111	52	163
	3	3	6
	0	0	0
Totals	1730	1537	3267

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	3	52	1440	1495
	0	0	0	34	34

Peds: 7



Rutherford Rd

Totals				
0	0	0	0	0
102	94	8	0	0
1628	1522	103	3	0
0	0	0	0	0

Peds: 2

West Approach

	Out	In	Total
	1474	1564	3038
	52	104	156
	3	3	6
	0	0	0
Totals	1529	1671	3200

Totals				
0	0	0	42	0
	0	0	42	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

9100 Jane St Access

South Approach

	Out	In	Total
	42	34	76
	0	0	0
	0	0	0
	0	0	0
Totals	42	34	76

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 9100 Jane St Access
 Count Date: Nov 16, 2019
 Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Commercial Access						South Approach 9100 Jane St Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehic es	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
13:00	0	0	12	0	1	12	0	0	11	0	0	11	0	391	17	0	0	408	0	397	10	0	0	407	838	
13:15	0	0	11	0	1	11	0	0	9	0	1	9	0	437	31	0	0	468	0	342	5	0	0	347	835	
13:30	0	0	9	0	3	9	0	0	8	0	0	8	0	396	26	0	0	422	0	367	9	0	0	376	815	
13:45	0	0	11	0	2	11	0	0	14	0	1	14	0	404	28	0	0	432	0	389	10	0	0	399	856	
Grand Total	0	0	43	0	7	43	0	0	42	0	2	42	0	1628	102	0	0	1730	0	1495	34	0	0	1529	3344	
Approach %	0	0	100	0	-	-	0	0	100	0	-	-	0	94.1	5.9	0	-	-	0	97.8	2.2	0	-	-	-	
Totals %	0	0	1.3	0	-	1.3	0	0	1.3	0	-	1.3	0	48.7	3.1	0	-	51.7	0	44.7	1	0	-	-	45.7	
PHF	0	0	0.9	0	-	0.9	0	0	0.75	0	-	0.75	0	0.93	0.82	0	-	0.92	0	0.94	0.85	0	-	-	0.94	0.98
Cars	0	0	42	0	-	42	0	0	42	0	-	42	0	1522	94	0	-	1616	0	1440	34	0	-	1474	3174	
% Cars	0	0	97.7	0	-	97.7	0	0	100	0	-	100	0	93.5	92.2	0	-	93.4	0	96.3	100	0	-	96.4	94.9	
Trucks	0	0	1	0	-	1	0	0	0	0	-	0	0	103	8	0	-	111	0	52	0	0	-	52	164	
% Trucks	0	0	2.3	0	-	2.3	0	0	0	0	-	0	0	6.3	7.8	0	-	6.4	0	3.5	0	0	-	3.4	4.9	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	3	0	0	-	3	0	3	0	0	-	3	6	
% Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0.2	0	0	-	0.2	0	0.2	0	0	-	0.2	0.2	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds					7	-					2	-					0	-					0	-	9	
% Peds					77.8	-					22.2	-					0	-					0	-	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 17:00:00
To: 18:00:00

Intersection: Rutherford Rd & 9100 Jane St Access
Site ID: 1936600141
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	19	68	87
	0	0	0
	0	0	0
	0	0	0
Totals	19	68	87

Commercial Access

	0	0	0	0
	0	0	0	0
	0	0	0	0
	19	0	0	0
Totals	19	0	0	0

East Approach

	Out	In	Total
	1537	1708	3245
	30	28	58
	3	2	5
	0	0	0
Totals	1570	1738	3308

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	2	26	1673	1701
	0	0	1	32	33

Peds: 3



Rutherford Rd

Totals				
0	0	0	0	0
68	68	0	0	0
1502	1469	30	3	0
0	0	0	0	0

Peds: 1

West Approach

	Out	In	Total
	1705	1488	3193
	27	30	57
	2	3	5
	0	0	0
Totals	1734	1521	3255

Totals				
0	0	0	37	4
	0	0	35	4
	0	0	2	0
	0	0	0	0
	0	0	0	0

9100 Jane St Access

South Approach

	Out	In	Total
	39	36	75
	2	1	3
	0	0	0
	0	0	0
Totals	41	37	78

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & 9100 Jane St Access
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (17:00 - 18:00)

Start Time	North Approach Commercial Access						South Approach 9100 Jane St Access						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehic es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
17:00	0	0	4	0	1	4	0	0	9	0	0	9	0	401	14	0	0	415	0	388	12	0	0	400	828
17:15	0	0	6	0	0	6	0	0	4	1	0	5	0	358	11	0	0	369	0	451	6	0	0	457	837
17:30	0	0	3	0	2	3	0	0	15	1	0	16	0	358	18	0	0	376	0	443	6	0	0	449	844
17:45	0	0	6	0	0	6	0	0	9	2	1	11	0	385	25	0	0	410	0	419	9	0	0	428	855
Grand Total	0	0	19	0	3	19	0	0	37	4	1	41	0	1502	68	0	0	1570	0	1701	33	0	0	1734	3364
Approach %	0	0	100	0	-	-	0	0	90.2	9.8	-	-	0	95.7	4.3	0	-	0	98.1	1.9	0	-	-	-	
Totals %	0	0	0.6	0	0.6	0.6	0	0	1.1	0.1	1.2	1.2	0	44.6	2	0	46.7	0	50.6	1	0	51.5	51.5	51.5	
PHF	0	0	0.79	0	0.79	0.79	0	0	0.62	0.5	0.64	0.64	0	0.94	0.68	0	0.95	0	0.94	0.69	0	0.95	0.95	0.98	
Cars	0	0	19	0	-	19	0	0	35	4	-	39	0	1469	68	0	1537	0	1673	32	0	-	1705	3300	
% Cars	0	0	100	0	-	100	0	0	94.6	100	-	95.1	0	97.8	100	0	97.9	0	98.4	97	0	-	98.3	98.1	
Trucks	0	0	0	0	-	0	0	0	2	0	-	2	0	30	0	0	30	0	26	1	0	-	27	59	
% Trucks	0	0	0	0	-	0	0	0	5.4	0	-	4.9	0	2	0	0	1.9	0	1.5	3	0	-	1.6	1.8	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	3	0	0	3	0	2	0	0	-	2	5	
% Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0.2	0	0	0.2	0	0.1	0	0	-	0.1	0.1	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	
Peds					3	-					1	-					0	-					0	-	4
% Peds					75	-					25	-					0	-					0	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

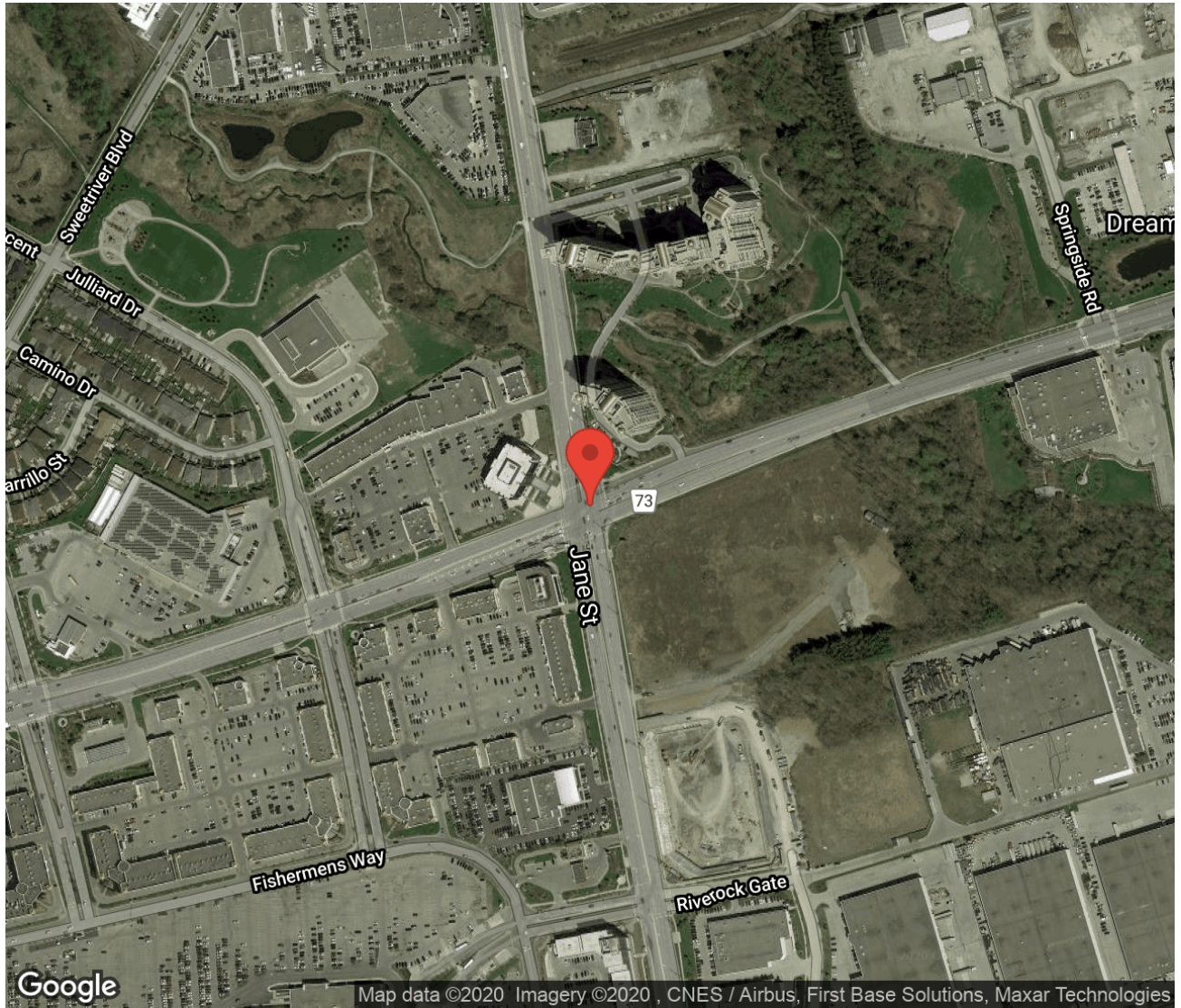
Intersection Count Report

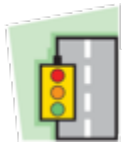
Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600142
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019



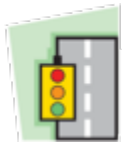


Traffic Count Summary

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	98	1171	126	0	1395	11	103	215	91	0	409	1
08:00 - 09:00	134	1126	122	0	1382	10	70	247	112	2	431	2
09:00 - 10:00	121	1059	147	0	1327	8	109	265	131	0	505	3
BREAK												
14:00 - 15:00	104	432	126	1	663	12	211	675	239	0	1125	11
15:00 - 16:00	116	498	182	1	797	12	260	994	306	3	1563	16
16:00 - 17:00	89	434	131	0	654	13	268	1438	382	0	2088	6
17:00 - 18:00	78	388	110	1	577	0	225	1490	471	1	2187	13
18:00 - 19:00	94	385	140	0	619	4	227	1000	318	5	1550	5
GRAND TOTAL	834	5493	1084	3	7414	70	1473	6324	2050	11	9858	57



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	121	1896	493	0	2510	2	124	1232	303	0	1659	5	
08:00 - 09:00	90	1754	513	0	2357	5	128	1272	345	3	1748	10	
09:00 - 10:00	78	1079	358	0	1515	6	140	943	267	2	1352	11	
BREAK													
14:00 - 15:00	91	1172	235	0	1498	2	254	1066	188	0	1508	15	
15:00 - 16:00	95	1363	233	0	1691	8	253	1112	194	4	1563	17	
16:00 - 17:00	124	1335	216	0	1675	0	231	933	133	2	1299	8	
17:00 - 18:00	177	1228	160	0	1565	0	238	869	108	2	1217	6	
18:00 - 19:00	221	1172	111	0	1504	2	285	941	126	0	1352	7	
GRAND TOTAL	997	1099	9	2319	0	5	25	1653	8368	1664	13	8	79



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	31	285	18	0	334	2	9	0	0	11	0	1	0	0	1	0	0	0	0	0	1
07:15	23	279	32	0	334	0	9	0	0	9	0	3	0	0	3	0	0	0	0	0	3
07:30	15	260	34	0	309	0	10	0	0	10	0	2	1	0	3	0	0	0	0	0	4
07:45	26	306	38	0	370	1	6	3	0	10	0	1	0	0	1	0	0	0	0	0	3
08:00	33	279	19	0	331	4	6	0	0	10	0	3	0	0	3	0	0	0	0	0	2
08:15	29	283	36	0	348	2	6	2	0	10	0	3	0	0	3	0	0	0	0	0	3
08:30	32	298	38	0	368	2	5	0	0	7	0	3	2	0	5	0	0	0	0	0	3
08:45	30	230	24	0	284	2	10	1	0	13	0	0	0	0	0	0	0	0	0	0	2
09:00	31	295	24	0	350	4	6	0	0	10	0	3	0	0	3	0	0	0	0	0	4
09:15	26	247	30	0	303	2	11	1	0	14	0	4	0	0	4	0	0	0	0	0	1
09:30	21	206	50	0	277	3	12	0	0	15	0	2	0	0	2	0	0	0	0	0	1
09:45	32	263	41	0	336	2	7	1	0	10	0	3	0	0	3	0	0	0	0	0	2
SUBTOTAL	329	3231	384	0	3944	24	97	8	0	129	0	28	3	0	31	0	0	0	0	0	29

Start Time	Cars					Trucks					Buses					Total Peds					
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total						
GRAND TOTAL	791	5293	1067	3	7154	38	138	14	0	190	5	62	3	0	70	0	0	0	0	0	70





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	20	43	25	0	88	7	4	6	0	17	0	3	1	0	4	0	0	0	0	0	1
07:15	18	45	10	0	73	10	5	5	0	20	0	3	2	0	5	0	0	0	0	0	0
07:30	13	40	12	0	65	10	4	4	0	18	0	3	0	0	3	0	0	0	0	0	0
07:45	17	57	22	0	96	8	6	4	0	18	0	2	0	0	2	0	0	0	0	0	0
08:00	14	49	21	1	85	5	9	2	0	16	0	1	0	0	1	0	0	0	0	0	1
08:15	11	56	14	1	82	4	4	5	0	13	0	0	1	0	1	0	0	0	0	0	0
08:30	15	56	30	0	101	5	9	9	0	23	0	4	0	0	4	0	0	0	0	0	0
08:45	8	53	22	0	83	8	4	6	0	18	0	2	2	0	4	0	0	0	0	0	1
09:00	17	64	22	0	103	9	6	5	0	20	0	3	3	0	6	0	0	0	0	0	0
09:15	21	63	26	0	110	8	9	4	0	21	0	2	3	0	5	0	0	0	0	0	1
09:30	12	40	17	0	69	11	8	10	0	29	0	1	1	0	2	0	0	0	0	0	2
09:45	20	54	29	0	103	11	14	9	0	34	0	1	2	0	3	0	0	0	0	0	0
SUBTOTAL	186	620	250	2	1058	96	82	69	0	247	0	25	15	0	40	0	0	0	0	0	6

Start Time	Cars					Trucks					Buses					Total Peds					
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total						
GRAND TOTAL	1226	5916	1853	11	9006	246	347	171	0	764	1	61	26	0	88	0	0	0	0	0	57





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	26	384	128	0	538	2	31	7	0	40	0	4	0	0	4	0	0	0	0	0	0
07:15	12	431	89	0	532	0	32	6	0	38	0	2	1	0	3	0	0	0	0	0	0
07:30	19	515	132	0	666	2	66	5	0	73	0	4	1	0	5	0	0	0	0	0	0
07:45	57	397	111	0	565	3	29	11	0	43	0	1	2	0	3	0	0	0	0	0	2
08:00	13	417	116	0	546	9	43	9	0	61	0	2	1	0	3	0	0	0	0	0	1
08:15	12	481	125	0	618	2	33	7	0	42	2	3	1	0	6	0	0	0	0	0	1
08:30	27	357	114	0	498	2	35	12	0	49	1	0	0	0	1	0	0	0	0	0	2
08:45	17	340	113	0	470	5	39	14	0	58	0	4	1	0	5	0	0	0	0	0	1
09:00	14	194	72	0	280	4	33	8	0	45	0	2	1	0	3	0	0	0	0	0	1
09:15	23	227	54	0	304	3	27	7	0	37	2	4	0	0	6	0	0	0	0	0	2
09:30	12	254	78	0	344	2	39	13	0	54	0	4	3	0	7	0	0	0	0	0	2
09:45	16	250	113	0	379	2	39	8	0	49	0	6	1	0	7	0	0	0	0	0	1
SUBTOTAL	248	4247	1245	0	5740	36	446	107	0	589	5	36	12	0	53	0	0	0	0	0	13

Start Time	Cars					Trucks					Buses					Total Peds					
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total						
GRAND TOTAL	855	9964	2062	0	12881	128	952	236	0	1316	14	83	21	0	118	0	0	0	0	0	25





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	8	250	55	0	313	5	31	11	0	47	1	1	0	0	2	0	0	0	0	0	2
07:15	26	256	71	0	353	18	9	15	0	42	1	1	0	0	2	0	0	0	0	0	1
07:30	24	325	62	0	411	0	37	7	0	44	2	4	0	0	6	0	0	0	0	0	2
07:45	36	266	75	0	377	3	43	7	0	53	0	9	0	0	9	0	0	0	0	0	0
08:00	24	306	74	0	404	0	39	6	0	45	2	5	0	0	7	0	1	0	0	1	3
08:15	37	300	78	1	416	4	52	2	0	58	0	0	2	0	2	0	0	0	0	0	3
08:30	23	256	78	2	359	1	47	9	0	57	0	1	1	0	2	0	0	0	0	0	3
08:45	34	225	82	0	341	2	35	13	0	50	1	5	0	0	6	0	0	0	0	0	1
09:00	30	175	76	2	283	2	48	9	0	59	0	4	0	0	4	0	1	0	0	1	6
09:15	33	189	66	0	288	2	52	6	0	60	0	2	1	0	3	0	0	0	0	0	2
09:30	35	208	47	0	290	0	49	10	0	59	0	1	0	0	1	0	0	0	0	0	1
09:45	36	168	40	0	244	2	45	11	0	58	0	1	1	0	2	0	0	0	0	0	2
SUBTOTAL	346	2924	804	5	4079	39	487	106	0	632	7	34	5	0	46	0	2	0	0	2	26



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

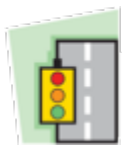
Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	64	189	32	0	285	2	59	7	0	68	0	3	0	0	3	0	0	0	0	0	1
14:15	47	219	48	0	314	3	48	10	0	61	0	3	0	0	3	0	0	0	0	0	4
14:30	69	211	34	0	314	3	55	15	0	73	0	1	1	0	2	0	0	0	0	0	3
14:45	65	229	29	0	323	1	44	12	0	57	0	5	0	0	5	0	0	0	0	0	7
15:00	58	203	33	0	294	3	44	8	0	55	1	1	0	0	2	0	0	0	0	0	11
15:15	48	270	49	3	370	4	44	8	0	56	0	2	0	0	2	0	0	0	0	0	4
15:30	65	232	42	0	339	5	30	11	0	46	1	0	0	0	1	0	0	0	0	0	0
15:45	63	238	35	1	337	3	45	8	0	56	2	3	0	0	5	0	0	0	0	0	2
16:00	47	193	25	0	265	2	38	8	0	48	0	2	1	0	3	0	0	0	0	0	4
16:15	53	215	19	0	287	1	17	14	0	32	0	2	0	0	2	0	0	0	0	0	1
16:30	58	219	24	2	303	1	33	3	0	37	0	2	0	0	2	0	0	0	0	0	1
16:45	69	188	36	0	293	0	23	3	0	26	0	1	0	0	1	0	0	0	0	0	2
17:00	55	223	21	0	299	0	13	2	0	15	0	1	0	0	1	0	0	0	0	0	2
17:15	56	194	25	1	276	1	11	1	0	13	0	1	1	0	2	0	0	0	0	0	4
17:30	62	169	27	0	258	2	15	1	0	18	0	2	0	0	2	0	0	0	0	0	0
17:45	62	218	28	1	309	0	21	2	0	23	0	1	0	0	1	0	0	0	0	0	0
18:00	67	201	22	0	290	0	18	1	0	19	0	0	0	0	0	0	0	0	0	0	2
18:15	63	224	28	0	315	0	23	3	0	26	0	3	0	0	3	0	0	0	0	0	3
18:30	66	215	33	0	314	0	2	4	0	6	0	3	0	0	3	0	0	0	0	0	1
18:45	89	239	30	0	358	0	12	5	0	17	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	1226	4289	620	8	6143	31	595	126	0	752	4	37	3	0	44	0	0	0	0	0	53

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
GRAND TOTAL	1572	7213	1424	13	10222	70	1082	232	0	1384	11	71	8	0	90	0	2	0	0	2	79





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00

Intersection: Jane St & Rutherford Rd
Site ID: 1936600142
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	1358	807	2165
	40	62	102
	10	15	25
	0	0	0
Totals	1408	884	2292

Jane St

	0	0	0	0
	1	9	0	0
	5	28	7	0
	127	1128	103	0
Totals	133	1165	110	0

East Approach

	Out	In	Total
	2395	1369	3764
	219	193	412
	17	19	36
	0	1	1
Totals	2631	1582	4213

Rutherford Rd

					Totals
	0	0	0	1	1
	0	4	7	121	132
	1	18	171	1197	1387
	0	2	22	289	313

Peds: 12



Rutherford Rd

Totals				
0	0	0	0	0
521	484	32	5	0
1991	1810	171	10	0
119	101	16	2	0

West Approach

	Out	In	Total
	1608	1993	3601
	200	203	403
	24	11	35
	1	0	1
Totals	1833	2207	4040

Totals				
82	231	85	2	
	55	202	69	2
	27	23	15	0
	0	6	1	0
	0	0	0	0

Jane St

South Approach

Out	In	Total	
	328	1520	1848
	65	66	131
	7	13	20
	0	0	0
Totals	400	1599	1999

- Cars

- Trucks

- Buses

- Bicycles

Comments



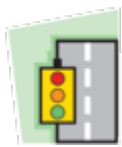
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Rutherford Rd
Count Date: Nov 19, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	15	272	35	0	4	322	23	47	16	0	0	86	21	585	138	0	0	744	26	366	69	0	2	461	1613
07:45	27	313	41	0	3	381	25	65	26	0	0	116	60	427	124	0	2	611	39	318	82	0	0	439	1547
08:00	37	288	19	0	2	344	19	59	23	1	1	102	22	462	126	0	1	610	26	351	80	0	3	457	1513
08:15	31	292	38	0	3	361	15	60	20	1	0	96	16	517	133	0	1	666	41	352	82	1	3	476	1599
Grand Total	110	1165	133	0	12	1408	82	231	85	2	1	400	119	1991	521	0	4	2631	132	1387	313	1	8	1833	6272
Approach %	7.8	82.7	9.4	0	-	-	20.5	57.8	21.3	0.5	-	-	4.5	75.7	19.8	0	-	-	7.2	75.7	17.1	0.1	-	-	-
Totals %	1.8	18.6	2.1	0	22.4	-	1.3	3.7	1.4	0	6.4	-	1.9	31.7	8.3	0	41.9	-	2.1	22.1	5	0	29.2	-	-
PHF	0.74	0.93	0.81	0	0.92	-	0.82	0.89	0.82	0.5	0.86	-	0.5	0.85	0.94	0	0.88	-	0.8	0.95	0.95	0.25	0.96	-	0.97
Cars	103	1128	127	0	1358	-	55	202	69	2	328	-	101	1810	484	0	2395	-	121	1197	289	1	1608	-	5689
% Cars	93.6	96.8	95.5	0	96.4	-	67.1	87.4	81.2	100	82	-	84.9	90.9	92.9	0	91	-	91.7	86.3	92.3	100	87.7	-	90.7
Trucks	7	28	5	0	40	-	27	23	15	0	65	-	16	171	32	0	219	-	7	171	22	0	200	-	524
% Trucks	6.4	2.4	3.8	0	2.8	-	32.9	10	17.6	0	16.3	-	13.4	8.6	6.1	0	8.3	-	5.3	12.3	7	0	10.9	-	8.4
Buses	0	9	1	0	10	-	0	6	1	0	7	-	2	10	5	0	17	-	4	18	2	0	24	-	58
% Buses	0	0.8	0.8	0	0.7	-	0	2.6	1.2	0	1.8	-	1.7	0.5	1	0	0.6	-	3	1.3	0.6	0	1.3	-	0.9
Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	1	0	0	1	-	1
% Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0.1	0	0	0.1	-	0
Peds					12	-					1	-					4	-					8	-	25
% Peds					48	-					4	-					16	-					32	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Jane St & Rutherford Rd
Site ID: 1936600142
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	614	1939	2553
	9	66	75
	6	6	12
	0	0	0
Totals	629	2011	2640

Jane St

	0	0	0	0
	0	6	0	0
	2	7	0	0
	122	406	86	0
Totals	124	419	86	0

East Approach

	Out	In	Total
	1532	1353	2885
	145	93	238
	8	6	14
	0	0	0
Totals	1685	1452	3137

Rutherford Rd

					Totals
	0	0	0	3	3
	0	0	2	238	240
	0	5	80	824	909
	0	1	9	106	116

Peds: 6



Peds: 9

Peds: 0

Peds: 10

Rutherford Rd

Totals				
0	0	0	0	0
209	177	30	2	0
1359	1263	90	6	0
117	92	25	0	0

West Approach

	Out	In	Total
	1171	1611	2782
	91	111	202
	6	6	12
	0	0	0
Totals	1268	1728	2996

Totals				
242	1562	457	0	
	223	1524	443	0
	19	34	13	0
	0	4	1	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	2190	604	2794
	66	41	107
	5	7	12
	0	0	0
Totals	2261	652	2913

- Cars

- Trucks

- Buses

- Bicycles

Comments



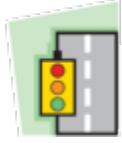
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Rutherford Rd
Count Date: Nov 19, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	27	109	27	0	4	163	67	395	97	0	2	559	38	287	45	0	0	370	59	254	27	2	1	342	1434
16:45	18	115	38	0	2	171	71	363	103	0	1	537	19	377	53	0	0	449	69	212	39	0	2	320	1477
17:00	26	83	28	0	0	137	64	406	124	0	3	594	31	373	62	0	0	466	55	237	23	0	2	315	1512
17:15	15	112	31	0	0	158	40	398	133	0	4	571	29	322	49	0	0	400	57	206	27	1	4	291	1420
Grand Total	86	419	124	0	6	629	242	1562	457	0	10	2261	117	1359	209	0	0	1685	240	909	116	3	9	1268	5843
Approach %	13.7	66.6	19.7	0	-	-	10.7	69.1	20.2	0	-	-	6.9	80.7	12.4	0	-	-	18.9	71.7	9.1	0.2	-	-	-
Totals %	1.5	7.2	2.1	0	10.8	-	4.1	26.7	7.8	0	38.7	-	2	23.3	3.6	0	28.8	-	4.1	15.6	2	0.1	-	21.7	-
PHF	0.8	0.91	0.82	0	0.92	-	0.85	0.96	0.86	0	0.95	-	0.77	0.9	0.84	0	0.9	-	0.87	0.89	0.74	0.38	-	0.93	0.97
Cars	86	406	122	0	614	-	223	1524	443	0	2190	-	92	1263	177	0	1532	-	238	824	106	3	1171	5507	
% Cars	100	96.9	98.4	0	97.6	-	92.1	97.6	96.9	0	96.9	-	78.6	92.9	84.7	0	90.9	-	99.2	90.6	91.4	100	92.4	94.2	-
Trucks	0	7	2	0	9	-	19	34	13	0	66	-	25	90	30	0	145	-	2	80	9	0	91	311	
% Trucks	0	1.7	1.6	0	1.4	-	7.9	2.2	2.8	0	2.9	-	21.4	6.6	14.4	0	8.6	-	0.8	8.8	7.8	0	7.2	5.3	-
Buses	0	6	0	0	6	-	0	4	1	0	5	-	0	6	2	0	8	-	0	5	1	0	6	25	
% Buses	0	1.4	0	0	1	-	0	0.3	0.2	0	0.2	-	0	0.4	1	0	0.5	-	0	0.6	0.9	0	0.5	0.4	-
Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0
Peds					6	-					10	-					0	-					9	-	25
% Peds					24	-					40	-					0	-					36	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

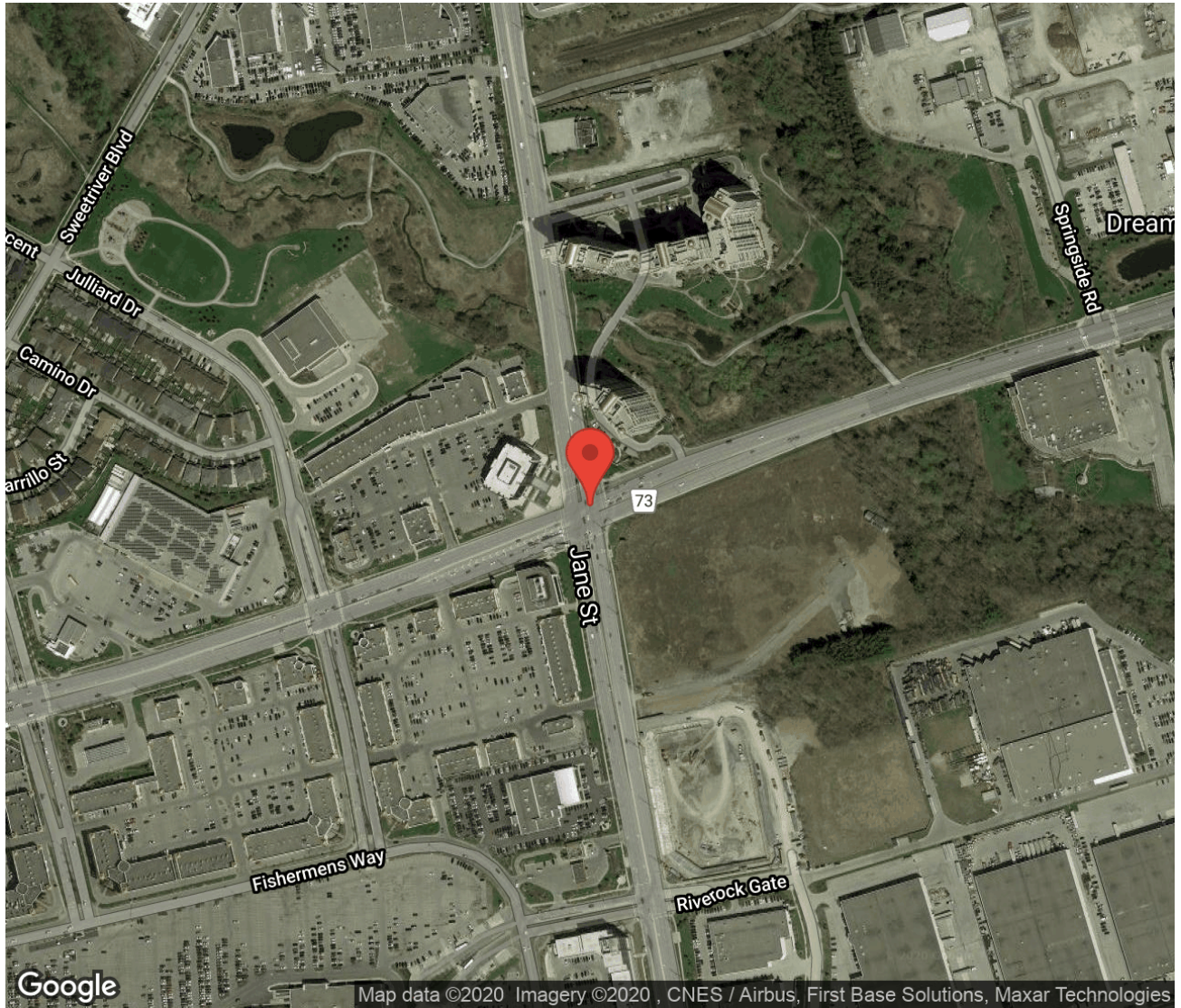
Intersection Count Report

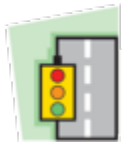
Intersection:	Jane St & Rutherford Rd
Municipality:	Vaughan
Count Date:	Nov 16, 2019
Site Code:	1936600143
Count Categories:	Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period:	11:00-19:00
Weather:	Clear



Traffic Count Map

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019





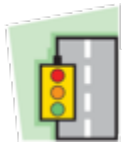
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	128	634	257	3	1022	10	136	488	231	3	858	4
12:00 - 13:00	165	614	271	0	1050	5	179	563	263	3	1008	2
13:00 - 14:00	121	636	265	1	1023	8	194	586	271	3	1054	0
14:00 - 15:00	129	604	257	0	990	5	184	661	276	6	1127	2
15:00 - 16:00	125	556	237	2	920	12	218	599	311	8	1136	4
16:00 - 17:00	118	465	215	3	801	8	167	588	282	4	1041	5
17:00 - 18:00	100	485	231	1	817	2	155	571	262	9	997	6
18:00 - 19:00	119	370	200	2	691	4	89	419	278	1	787	2
GRAND TOTAL	1005	4364	1933	12	7314	54	1322	4475	2174	37	8008	25



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	300	1090	72	0	1462	3	252	987	219	4	1462	4
12:00 - 13:00	285	1118	103	0	1506	2	279	1034	243	3	1559	4
13:00 - 14:00	300	1117	111	0	1528	3	262	1003	270	2	1537	3
14:00 - 15:00	281	1169	90	0	1540	4	267	1137	191	4	1599	5
15:00 - 16:00	296	1167	87	0	1550	3	275	1057	194	5	1531	9
16:00 - 17:00	260	1095	82	0	1437	3	299	1186	135	5	1625	3
17:00 - 18:00	272	1134	72	0	1478	3	290	1244	202	2	1738	3
18:00 - 19:00	215	1042	79	1	1337	4	311	1212	130	4	1657	2
GRAND TOTAL	2209	8932	696	1	11838	25	2235	8860	1584	29	12708	33



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	21	146	65	0	232	3	11	4	0	18	0	1	0	0	1	0	0	0	0	0	4
11:15	36	139	64	0	239	1	13	1	0	15	0	1	0	0	1	0	0	0	0	0	2
11:30	32	137	54	1	224	2	7	3	0	12	0	2	0	0	2	0	0	0	0	0	3
11:45	32	162	62	2	258	1	13	4	0	18	0	2	0	0	2	0	0	0	0	0	1
12:00	40	141	67	0	248	4	10	2	0	16	0	1	0	0	1	0	0	0	0	0	2
12:15	43	143	60	0	246	1	11	7	0	19	0	1	0	0	1	0	0	0	0	0	0
12:30	30	168	63	0	261	4	7	3	0	14	0	0	0	0	0	0	0	0	0	0	1
12:45	41	127	59	0	227	2	3	10	0	15	0	2	0	0	2	0	0	0	0	0	2
13:00	30	179	53	0	262	4	8	2	0	14	0	1	1	0	2	0	0	0	0	0	2
13:15	19	132	66	1	218	1	6	5	0	12	0	1	0	0	1	0	0	0	0	0	3
13:30	19	110	71	0	200	1	12	8	0	21	1	2	0	0	3	0	0	0	0	0	2
13:45	46	176	56	0	278	0	8	3	0	11	0	1	0	0	1	0	0	0	0	0	1
14:00	28	148	71	0	247	0	12	4	0	16	0	1	0	0	1	0	0	0	0	0	0
14:15	31	145	63	0	239	1	7	2	0	10	0	1	0	0	1	0	0	0	0	0	1
14:30	31	126	56	0	213	1	8	3	0	12	0	2	0	0	2	0	0	0	0	0	1
14:45	33	149	54	0	236	4	4	4	0	12	0	1	0	0	1	0	0	0	0	0	3
15:00	30	126	43	1	200	2	12	3	0	17	0	1	0	0	1	0	0	0	0	0	5
15:15	32	143	59	0	234	2	12	5	0	19	0	1	0	0	1	0	0	0	0	0	0
15:30	20	110	54	0	184	3	6	2	0	11	0	1	0	0	1	0	0	0	0	0	6
15:45	36	140	69	1	246	0	3	2	0	5	0	1	0	0	1	0	0	0	0	0	1
16:00	30	100	41	0	171	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	3



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	25	115	47	1	188	2	4	3	0	9	0	2	0	0	2	0	0	0	0	0	2
16:30	33	106	54	1	194	0	6	7	0	13	0	2	0	0	2	0	0	0	0	0	1
16:45	27	119	59	1	206	1	3	3	0	7	0	1	0	0	1	0	0	0	0	0	2
17:00	36	133	72	0	241	0	4	2	0	6	0	1	0	0	1	0	0	0	0	0	0
17:15	19	106	58	0	183	0	6	2	0	8	0	1	0	0	1	0	0	0	0	0	1
17:30	22	113	55	1	191	0	1	0	0	1	0	3	0	0	3	0	0	0	0	0	1
17:45	22	111	42	0	175	1	5	0	0	6	0	1	0	0	1	0	0	0	0	0	0
18:00	37	105	49	0	191	1	3	1	0	5	0	1	0	0	1	0	0	0	0	0	2
18:15	21	79	48	1	149	1	5	0	0	6	0	3	0	0	3	0	0	0	0	0	1
18:30	33	88	62	0	183	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
18:45	26	78	40	1	145	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	961	4100	1836	12	6909	43	223	96	0	362	1	41	1	0	43	0	0	0	0	0	54
GRAND TOTAL	961	4100	1836	12	6909	43	223	96	0	362	1	41	1	0	43	0	0	0	0	0	54



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	27	134	62	0	223	3	5	7	0	15	0	2	0	0	2	0	0	0	0	0	3
16:30	41	153	70	2	266	5	8	6	0	19	0	1	1	0	2	0	0	0	0	0	1
16:45	48	118	69	0	235	4	10	3	0	17	0	1	0	0	1	0	0	0	0	0	0
17:00	42	119	56	4	221	1	7	2	0	10	0	1	0	0	1	0	0	0	0	0	2
17:15	28	143	81	0	252	1	2	1	0	4	1	1	0	0	2	0	0	0	0	0	1
17:30	48	152	53	2	255	2	4	2	0	8	0	2	0	0	2	0	0	0	0	0	1
17:45	30	135	64	3	232	2	3	3	0	8	0	2	0	0	2	0	0	0	0	0	2
18:00	27	125	70	0	222	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
18:15	23	109	64	0	196	0	3	1	0	4	0	1	0	0	1	0	0	0	0	0	0
18:30	17	89	68	1	175	1	5	1	0	7	0	2	0	0	2	0	0	0	0	0	1
18:45	19	78	73	0	170	2	1	0	0	3	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	1187	4160	2037	37	7421	131	275	135	0	541	4	40	2	0	46	0	0	0	0	0	25
GRAND TOTAL	1187	4160	2037	37	7421	131	275	135	0	541	4	40	2	0	46	0	0	0	0	0	25



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	69	264	23	0	356	2	10	0	0	12	0	2	0	0	2	0	0	0	0	0	0
16:30	45	210	21	0	276	2	16	2	0	20	0	1	0	0	1	0	0	0	0	0	0
16:45	69	291	20	0	380	3	19	2	0	24	0	1	0	0	1	0	0	0	0	0	1
17:00	69	283	21	0	373	3	13	0	0	16	0	0	0	0	0	0	0	0	0	0	2
17:15	56	232	13	0	301	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:30	71	303	20	0	394	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	1
17:45	73	272	18	0	363	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:00	51	268	27	0	346	2	9	0	0	11	0	0	0	0	0	0	0	0	0	0	1
18:15	60	267	18	1	346	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	1
18:30	58	220	20	0	298	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	2
18:45	42	243	14	0	299	2	12	0	0	14	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	2121	8359	661	1	11142	87	549	34	0	670	1	22	1	0	24	0	2	0	0	2	25
GRAND TOTAL	2121	8359	661	1	11142	87	549	34	0	670	1	22	1	0	24	0	2	0	0	2	25



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Rutherford Rd
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	78	286	43	2	409	4	3	5	0	12	0	1	0	0	1	0	0	0	0	0	1
16:30	71	295	29	2	397	1	4	2	0	7	0	1	0	0	1	0	0	0	0	0	2
16:45	70	273	26	0	369	1	3	3	0	7	0	1	0	0	1	0	0	0	0	0	0
17:00	67	291	30	0	388	2	1	5	0	8	0	1	0	0	1	0	0	0	0	0	0
17:15	79	295	76	0	450	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	68	329	45	1	443	2	7	5	0	14	0	1	0	0	1	0	0	0	0	0	0
17:45	69	319	38	1	427	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
18:00	82	307	37	1	427	0	0	3	0	3	0	1	0	0	1	0	0	0	0	0	1
18:15	93	287	45	1	426	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:30	62	309	21	1	393	1	7	1	0	9	0	1	0	0	1	0	0	0	0	0	0
18:45	73	286	21	1	381	0	2	2	0	4	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	2147	8666	1453	29	12295	87	169	131	0	387	1	25	0	0	26	0	0	0	0	0	33
GRAND TOTAL	2147	8666	1453	29	12295	87	169	131	0	387	1	25	0	0	26	0	0	0	0	0	33



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Jane St & Rutherford Rd
Site ID: 1936600143
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	958	882	1840
	58	71	129
	7	7	14
	0	0	0
Totals	1023	960	1983

Jane St

	0	0	0	0
	1	5	1	0
	18	34	6	0
	246	597	114	1
Totals	265	636	121	1

East Approach

	Out	In	Total
	1417	1342	2759
	108	50	158
	2	3	5
	1	0	1
Totals	1528	1395	2923

Rutherford Rd

					Totals
	0	0	0	2	2
	0	1	15	246	262
	0	2	22	979	1003
	0	0	15	255	270

Peds: 8



Peds: 3

Peds: 3

Peds: 0

Rutherford Rd

Totals				
	0	0	0	0
	111	105	6	0
	1117	1026	88	2
	300	286	14	0

West Approach

	Out	In	Total
	1482	1442	2924
	52	132	184
	3	3	6
	0	1	1
Totals	1537	1578	3115

Totals				
	194	586	271	3
	168	530	249	3
	26	50	22	0
	0	6	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	950	1141	2091
	98	63	161
	6	5	11
	0	0	0
Totals	1054	1209	2263

- Cars

- Trucks

- Buses

- Bicycles

Comments



Peak Hour Summary

Intersection: Jane St & Rutherford Rd
 Count Date: Nov 16, 2019
 Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	34	188	56	0	2	278	41	125	55	1	0	222	80	256	29	0	1	365	67	269	70	2	0	408	1273
13:15	20	139	71	1	3	231	63	160	62	1	0	286	65	298	25	0	1	388	57	231	63	0	3	351	1256
13:30	21	124	79	0	2	224	42	146	70	1	0	259	82	312	24	0	1	418	76	283	16	0	0	375	1276
13:45	46	185	59	0	1	290	48	155	84	0	0	287	73	251	33	0	0	357	62	220	121	0	0	403	1337
Grand Total	121	636	265	1	8	1023	194	586	271	3	0	1054	300	1117	111	0	3	1528	262	1003	270	2	3	1537	5142
Approach %	11.8	62.2	25.9	0.1	-	-	18.4	55.6	25.7	0.3	-	-	19.6	73.1	7.3	0	-	-	17	65.3	17.6	0.1	-	-	-
Totals %	2.4	12.4	5.2	0	19.9	-	3.8	11.4	5.3	0.1	20.5	-	5.8	21.7	2.2	0	29.7	-	5.1	19.5	5.3	0	29.9	-	-
PHF	0.66	0.85	0.84	0.25	0.88	0.88	0.77	0.92	0.81	0.75	0.92	0.92	0.91	0.9	0.84	0	0.91	0.91	0.86	0.89	0.56	0.25	0.94	0.94	0.96
Cars	114	597	246	1	958	958	168	530	249	3	950	950	286	1026	105	0	1417	1417	246	979	255	2	1482	1482	4807
% Cars	94.2	93.9	92.8	100	93.6	93.6	86.6	90.4	91.9	100	90.1	90.1	95.3	91.9	94.6	0	92.7	92.7	93.9	97.6	94.4	100	96.4	96.4	93.5
Trucks	6	34	18	0	58	58	26	50	22	0	98	98	14	88	6	0	108	108	15	22	15	0	52	52	316
% Trucks	5	5.3	6.8	0	5.7	5.7	13.4	8.5	8.1	0	9.3	9.3	4.7	7.9	5.4	0	7.1	7.1	5.7	2.2	5.6	0	3.4	3.4	6.1
Buses	1	5	1	0	7	7	0	6	0	0	6	6	0	2	0	0	2	2	1	2	0	0	3	3	18
% Buses	0.8	0.8	0.4	0	0.7	0.7	0	1	0	0	0.6	0.6	0	0.2	0	0	0.1	0.1	0.4	0.2	0	0	0.2	0.2	0.4
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0.1	0	0	0	0	0	0	0
Peds					8	-					0	-					3	-					3	-	14
% Peds					57.1	-					0	-					21.4	-					21.4	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:30:00
To: 15:30:00

Intersection: Jane St & Rutherford Rd
Site ID: 1936600143
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	883	935	1818
	60	64	124
	5	5	10
	0	0	0
Totals	948	1004	1952

Jane St

	0	0	0	0
	0	5	0	0
	15	36	9	0
	212	544	126	1
Totals	227	585	135	1

East Approach

	Out	In	Total
	1477	1461	2938
	81	46	127
	2	5	7
	0	0	0
Totals	1560	1512	3072

Rutherford Rd

				Totals
0	0	0	5	5
0	0	14	239	253
0	4	18	1036	1058
0	0	15	227	242

Peds: 9



Peds: 9

Peds: 2

Peds: 3

Rutherford Rd

Totals				
0	0	0	0	0
90	86	4	0	0
1189	1124	63	2	0
281	267	14	0	0

West Approach

	Out	In	Total
	1507	1527	3034
	47	103	150
	4	3	7
	0	0	0
Totals	1558	1633	3191

Totals				
212	186	609	299	10
25	25	46	19	0
1	1	5	1	0
0	0	0	0	0

Jane St

South Approach

	Out	In	Total
	1104	1048	2152
	90	65	155
	7	5	12
	0	0	0
Totals	1201	1118	2319

- Cars

- Trucks

- Buses

- Bicycles

Comments



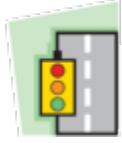
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Rutherford Rd
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:30 - 15:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
14:30	32	136	59	0	1	227	54	169	76	1	0	300	59	287	15	0	1	361	52	231	99	1	1	383	1271	
14:45	37	154	58	0	3	249	49	169	61	3	1	282	75	310	23	0	0	408	63	301	35	0	2	399	1338	
15:00	32	139	46	1	5	218	59	152	86	5	1	302	78	302	30	0	0	410	69	256	71	1	4	397	1327	
15:15	34	156	64	0	0	254	50	170	96	1	1	317	69	290	22	0	1	381	69	270	37	3	2	379	1331	
Grand Total	135	585	227	1	9	948	212	660	319	10	3	1201	281	1189	90	0	2	1560	253	1058	242	5	9	1558	5267	
Approach %	14.2	61.7	23.9	0.1	-	-	17.7	55	26.6	0.8	-	-	18	76.2	5.8	0	-	-	16.2	67.9	15.5	0.3	-	-	-	
Totals %	2.6	11.1	4.3	0	-	18	4	12.5	6.1	0.2	-	22.8	5.3	22.6	1.7	0	-	29.6	4.8	20.1	4.6	0.1	-	-	29.6	
PHF	0.91	0.94	0.89	0.25	-	0.93	0.9	0.97	0.83	0.5	-	0.95	0.9	0.96	0.75	0	-	0.95	0.92	0.88	0.61	0.42	-	-	0.98	0.98
Cars	126	544	212	1	-	883	186	609	299	10	-	1104	267	1124	86	0	-	1477	239	1036	227	5	-	1507	4971	
% Cars	93.3	93	93.4	100	-	93.1	87.7	92.3	93.7	100	-	91.9	95	94.5	95.6	0	-	94.7	94.5	97.9	93.8	100	-	-	96.7	94.4
Trucks	9	36	15	0	-	60	25	46	19	0	-	90	14	63	4	0	-	81	14	18	15	0	-	47	278	
% Trucks	6.7	6.2	6.6	0	-	6.3	11.8	7	6	0	-	7.5	5	5.3	4.4	0	-	5.2	5.5	1.7	6.2	0	-	3	5.3	
Buses	0	5	0	0	-	5	1	5	1	0	-	7	0	2	0	0	-	2	0	4	0	0	-	4	18	
% Buses	0	0.9	0	0	-	0.5	0.5	0.8	0.3	0	-	0.6	0	0.2	0	0	-	0.1	0	0.4	0	0	-	0.3	0.3	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	9	-	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	9	-	23	
% Peds	-	-	-	-	39.1	-	-	-	-	-	13	-	-	-	-	-	8.7	-	-	-	-	-	39.1	-	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

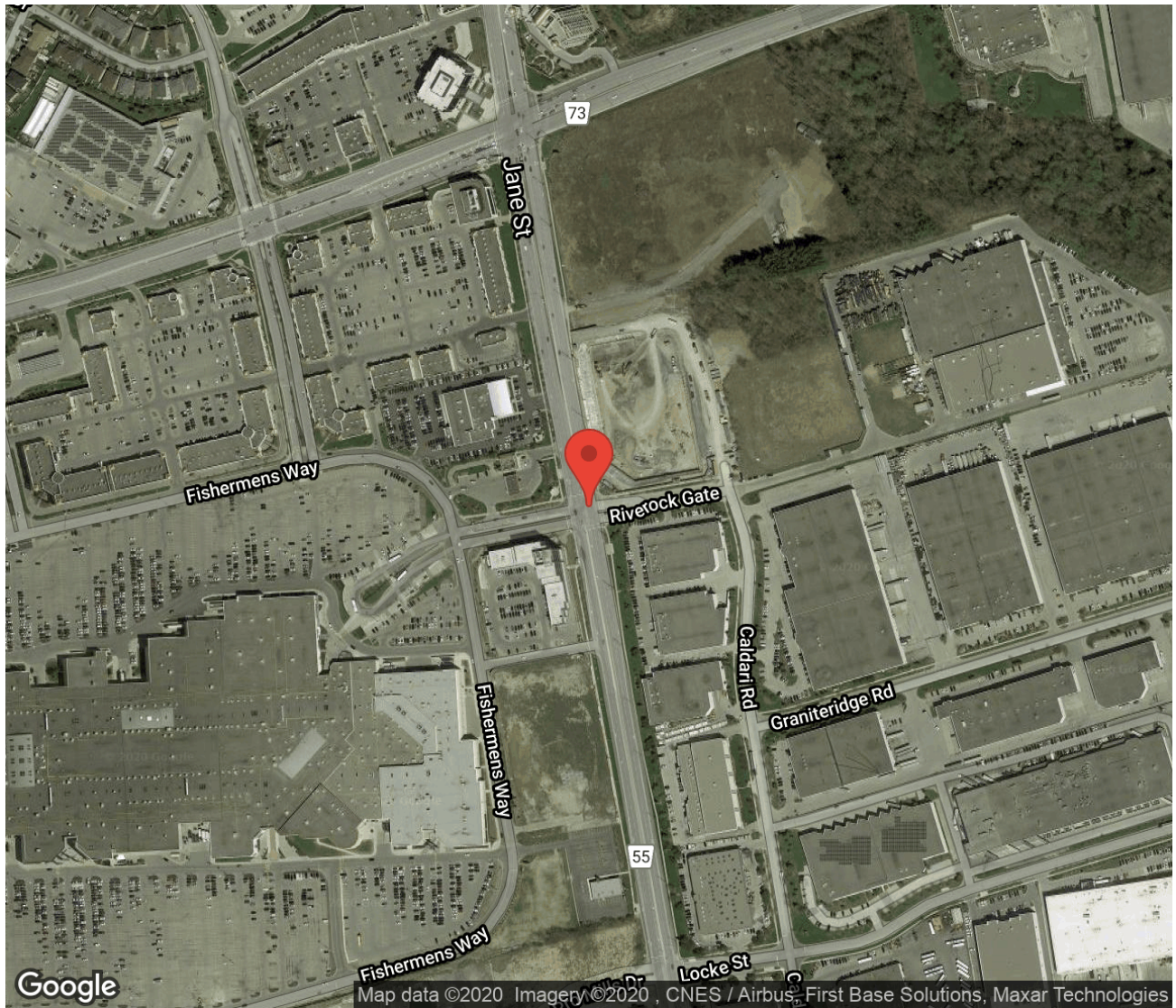
Intersection Count Report

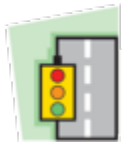
Intersection: Jane St & Riverock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600144
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019





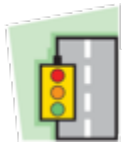
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Jane St & Riverock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	85	1693	114	4	1896	2	72	344	6	0	422	4
08:00 - 09:00	103	1690	142	0	1935	8	85	365	3	1	454	11
09:00 - 10:00	91	1326	231	2	1650	3	104	405	11	2	522	6
BREAK												
14:00 - 15:00	68	633	193	5	899	3	189	817	16	3	1025	7
15:00 - 16:00	60	683	189	5	937	13	212	1182	9	2	1405	19
16:00 - 17:00	20	540	230	3	793	4	247	1772	7	0	2026	5
17:00 - 18:00	17	454	207	1	679	3	218	1673	2	0	1893	5
18:00 - 19:00	20	534	197	3	754	6	210	1250	5	0	1465	1
GRAND TOTAL	464	7553	1503	23	9543	42	1337	7808	59	8	9212	58



Traffic Count Summary

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

Riverrock Gt - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	15	33	24	0	72	3	46	82	85	0	213	4
08:00 - 09:00	3	35	25	0	63	7	63	77	82	1	223	16
09:00 - 10:00	6	45	30	0	81	2	68	58	75	0	201	8
BREAK												
14:00 - 15:00	9	62	53	0	124	2	242	68	131	0	441	9
15:00 - 16:00	46	170	172	0	388	10	210	32	98	0	340	17
16:00 - 17:00	11	167	178	0	356	4	235	28	104	1	368	6
17:00 - 18:00	6	141	236	0	383	3	246	37	79	1	363	5
18:00 - 19:00	8	78	73	1	160	4	243	16	85	1	345	0
GRAND TOTAL	104	731	791	1	1627	35	1353	398	739	4	2494	65



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	25	375	25	3	428	3	12	1	0	16	0	1	2	0	3	0	1	0	0	1	0
07:15	17	424	18	0	459	0	22	3	0	25	0	0	4	0	4	0	0	0	0	0	2
07:30	16	383	21	0	420	1	18	0	0	19	0	1	2	0	3	0	0	0	0	0	0
07:45	21	436	36	1	494	2	18	1	0	21	0	2	1	0	3	0	0	0	0	0	0
08:00	19	399	27	0	445	4	21	0	0	25	0	0	4	0	4	0	0	0	0	0	0
08:15	26	416	26	0	468	2	20	0	0	22	0	2	5	0	7	0	0	0	0	0	1
08:30	27	419	43	0	489	3	26	0	0	29	0	0	4	0	4	0	0	0	0	0	3
08:45	21	364	30	0	415	1	23	2	0	26	0	0	1	0	1	0	0	0	0	0	4
09:00	26	359	44	0	429	3	21	2	0	26	0	2	4	0	6	0	0	0	0	0	1
09:15	17	289	35	0	341	5	21	1	0	27	0	3	3	0	6	0	0	0	0	0	1
09:30	12	310	46	2	370	5	28	2	0	35	0	2	3	0	5	0	0	0	0	0	0
09:45	20	268	88	0	376	3	22	0	0	25	0	1	3	0	4	0	0	0	0	0	1
SUBTOTAL	247	4442	439	6	5134	32	252	12	0	296	0	14	36	0	50	0	1	0	0	1	13



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	21	141	34	2	198	3	16	3	0	22	0	0	1	0	1	0	0	0	0	0	1
14:15	15	149	51	1	216	4	16	2	0	22	0	2	3	0	5	0	0	0	0	0	1
14:30	13	138	41	1	193	5	16	3	0	24	0	1	2	0	3	0	0	0	0	0	0
14:45	5	136	44	1	186	2	18	7	0	27	0	0	2	0	2	0	0	0	0	0	1
15:00	7	137	35	0	179	4	11	4	0	19	0	0	1	0	1	0	0	0	0	0	3
15:15	11	186	39	1	237	3	14	2	0	19	0	0	2	0	2	0	0	0	0	0	1
15:30	18	158	43	3	222	1	16	0	0	17	0	0	3	0	3	0	0	0	0	0	7
15:45	14	146	56	1	217	2	14	1	0	17	0	1	3	0	4	0	0	0	0	0	2
16:00	5	134	66	1	206	3	15	0	0	18	0	2	2	0	4	0	0	0	0	0	1
16:15	4	111	50	0	165	3	6	0	0	9	0	0	2	0	2	0	0	0	0	0	1
16:30	2	126	44	2	174	1	5	0	0	6	0	0	2	0	2	0	0	0	0	0	1
16:45	2	134	57	0	193	0	7	5	0	12	0	0	2	0	2	0	0	0	0	0	1
17:00	6	108	41	1	156	0	4	1	0	5	0	0	2	0	2	0	0	0	0	0	0
17:15	4	121	46	0	171	0	10	0	0	10	0	1	2	0	3	0	0	0	0	0	2
17:30	3	101	50	0	154	2	1	0	0	3	0	0	2	0	2	0	0	0	0	0	1
17:45	1	102	59	0	162	1	6	1	0	8	0	0	3	0	3	0	0	0	0	0	0
18:00	5	128	43	1	177	0	4	0	0	4	0	0	1	0	1	0	0	0	0	0	0
18:15	3	117	51	1	172	1	4	0	0	5	0	1	2	0	3	0	0	0	0	0	0
18:30	5	147	45	0	197	2	5	0	0	7	0	0	3	0	3	0	0	0	0	0	4
18:45	4	122	49	1	176	0	6	0	0	6	0	0	3	0	3	0	0	0	0	0	2
SUBTOTAL	148	2642	944	17	3751	37	194	29	0	260	0	8	43	0	51	0	0	0	0	0	29

Start Time	Cars					Trucks					Buses					Bicycles				Total Peds	
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶		Total
GRAND TOTAL	395	7084	1383	23	8885	69	446	41	0	556	0	22	79	0	101	0	1	0	0	1	42





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	12	77	2	0	91	1	16	0	0	17	2	2	0	0	4	0	0	0	0	0	0
07:15	14	62	0	0	76	2	25	0	0	27	1	2	0	0	3	0	0	0	0	0	1
07:30	18	52	1	0	71	5	19	0	0	24	1	0	0	0	1	0	0	0	0	0	1
07:45	9	70	3	0	82	6	18	0	0	24	1	1	0	0	2	0	0	0	0	0	2
08:00	13	66	1	1	81	0	15	0	0	15	1	0	0	0	1	0	0	0	0	0	1
08:15	20	75	0	0	95	1	19	0	0	20	2	0	0	0	2	0	0	0	0	0	6
08:30	16	77	0	0	93	5	15	1	0	21	1	0	0	0	1	0	0	0	0	0	1
08:45	23	76	1	0	100	2	21	0	0	23	1	1	0	0	2	0	0	0	0	0	3
09:00	13	75	1	0	89	4	16	0	0	20	2	2	0	0	4	0	0	0	0	0	2
09:15	21	88	3	0	112	1	18	2	0	21	1	1	0	0	2	0	0	0	0	0	1
09:30	23	66	0	2	91	3	29	0	0	32	1	0	0	0	1	0	0	0	0	0	1
09:45	31	78	2	0	111	3	32	3	0	38	1	0	0	0	1	0	0	0	0	0	2
SUBTOTAL	213	862	14	3	1092	33	243	6	0	282	15	9	0	0	24	0	0	0	0	0	21

Start Time	Cars					Trucks					Buses					Total Peds					
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total						
GRAND TOTAL	1202	6952	45	8	8207	100	838	13	0	951	35	18	1	0	54	0	0	0	0	0	58





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Riverrock Gt

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	9	8	9	0	26	0	2	2	0	4	0	1	0	0	1	0	0	0	0	0	0
07:15	3	4	1	0	8	1	3	3	0	7	0	1	0	0	1	0	0	0	0	0	0
07:30	0	4	2	0	6	1	2	5	0	8	0	1	0	0	1	0	0	0	0	0	1
07:45	1	7	0	0	8	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2
08:00	0	7	7	0	14	0	2	4	0	6	0	2	0	0	2	0	0	0	0	0	1
08:15	0	3	3	0	6	1	3	3	0	7	0	1	0	0	1	0	0	0	0	0	2
08:30	0	5	1	0	6	1	2	3	0	6	0	2	0	0	2	0	0	0	0	0	2
08:45	0	3	1	0	4	1	3	3	0	7	0	2	0	0	2	0	0	0	0	0	2
09:00	0	9	5	0	14	2	4	4	0	10	0	0	0	0	0	0	0	0	0	0	1
09:15	2	4	1	0	7	0	2	4	0	6	0	2	0	0	2	0	0	0	0	0	1
09:30	1	12	2	0	15	1	2	6	0	9	0	0	0	0	0	0	0	0	0	0	0
09:45	0	6	3	0	9	0	3	5	0	8	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	16	72	35	0	123	8	28	44	0	80	0	13	0	0	13	0	0	0	0	0	12

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds					
	↶	↑	↷	↶		↷	↶	↑	↷		↶	↑	↷	↶			↑	↷			
GRAND TOTAL	80	630	688	1	1399	24	75	102	0	201	0	26	1	0	27	0	0	0	0	0	35





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Riverrock Gt

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	8	17	16	0	41	1	1	2	0	4	4	1	1	0	6	0	0	0	0	0	0
07:15	7	11	17	0	35	1	0	2	0	3	1	1	1	0	3	0	0	0	0	0	1
07:30	11	25	17	0	53	0	1	1	0	2	4	1	1	0	6	0	0	0	0	0	2
07:45	8	23	26	0	57	0	0	0	0	0	1	1	1	0	3	0	0	0	0	0	1
08:00	13	16	19	0	48	0	1	2	0	3	3	1	2	0	6	0	0	0	0	0	2
08:15	8	15	13	1	37	1	1	1	0	3	2	1	1	0	4	0	0	0	0	0	10
08:30	8	15	19	0	42	3	1	2	0	6	2	0	1	0	3	0	0	0	0	0	2
08:45	19	25	20	0	64	1	0	1	0	2	3	1	1	0	5	0	0	0	0	0	2
09:00	11	8	21	0	40	1	0	0	0	1	5	1	2	0	8	0	0	0	0	0	3
09:15	15	13	18	0	46	1	1	2	0	4	3	2	1	0	6	0	0	0	0	0	3
09:30	12	14	13	0	39	0	1	2	0	3	2	0	3	0	5	0	0	0	0	0	1
09:45	13	14	12	0	39	1	3	0	0	4	4	1	1	0	6	0	0	0	0	0	1
SUBTOTAL	133	196	211	1	541	10	10	15	0	35	34	11	16	0	61	0	0	0	0	0	28



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Riverrock Gt

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	50	20	26	0	96	2	1	1	0	4	3	0	1	0	4	0	0	0	0	0	1
14:15	57	23	33	0	113	2	0	1	0	3	1	0	1	0	2	0	0	0	0	0	3
14:30	57	14	33	0	104	5	1	0	0	6	0	1	1	0	2	0	0	0	0	0	4
14:45	62	6	32	0	100	0	2	2	0	4	3	0	0	0	3	0	0	0	0	0	1
15:00	43	10	22	0	75	1	1	1	0	3	4	1	1	0	6	0	0	0	0	0	9
15:15	46	7	23	0	76	4	0	1	0	5	0	0	1	0	1	0	0	1	0	1	3
15:30	49	5	25	0	79	2	1	1	0	4	3	1	1	0	5	0	0	0	0	0	2
15:45	51	4	19	0	74	5	1	1	0	7	2	1	1	0	4	0	0	0	0	0	3
16:00	43	4	29	0	76	2	0	0	0	2	4	0	1	0	5	0	0	0	0	0	3
16:15	68	7	24	0	99	3	0	1	0	4	2	1	1	0	4	0	0	0	0	0	1
16:30	58	8	20	0	86	3	1	0	0	4	1	0	2	0	3	0	0	0	0	0	2
16:45	49	6	24	1	80	0	0	1	0	1	2	1	1	0	4	0	0	0	0	0	0
17:00	55	11	16	0	82	0	0	1	0	1	2	1	1	0	4	0	0	0	0	0	3
17:15	61	14	21	0	96	1	0	1	0	2	1	0	1	0	2	0	0	0	0	0	2
17:30	63	3	18	0	84	3	2	0	0	5	3	1	1	0	5	0	0	0	0	0	0
17:45	54	4	18	1	77	0	0	0	0	0	3	1	1	0	5	0	0	0	0	0	0
18:00	54	3	18	1	76	1	0	0	0	1	2	0	2	0	4	0	0	0	0	0	0
18:15	71	4	21	0	96	1	0	0	0	1	3	1	1	0	5	0	0	0	0	0	0
18:30	45	2	21	0	68	1	0	0	0	1	2	1	1	0	4	0	0	0	0	0	0
18:45	60	4	20	0	84	0	0	0	0	0	3	1	1	0	5	0	0	0	0	0	0
SUBTOTAL	1096	159	463	3	1721	36	10	12	0	58	44	12	21	0	77	0	0	1	0	1	37

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	1229	355	674	4	2262	46	20	27	0	93	78	23	37	0	138	0	0	1	0	1	65



Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: Jane St & Riverrock Gt
Site ID: 1936600144
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1896	337	2233
	97	83	180
	18	9	27
	0	0	0
Totals	2011	429	2440

Jane St

	0	0	0	0
	14	4	0	0
	1	85	11	0
	132	1670	93	1
Totals	147	1759	104	1

East Approach

	Out	In	Total
	34	166	200
	21	15	36
	5	3	8
	0	0	0
Totals	60	184	244

Riverrock Gt

				Totals
0	0	0	1	1
0	8	4	37	49
0	3	3	69	75
0	5	5	77	87

Peds: 4



Peds: 15

Peds: 7

Peds: 10

Riverrock Gt

Totals				
0	0	0	0	0
23	11	12	0	0
34	22	7	5	0
3	1	2	0	0

West Approach

	Out	In	Total
	184	213	397
	12	20	32
	16	24	40
	0	0	0
Totals	212	257	469

Totals				
75	356	5	1	
	58	288	4	1
	12	67	1	0
	5	1	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	351	1749	2100
	80	92	172
	6	9	15
	0	0	0
Totals	437	1850	2287

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Riverrock Gt
Count Date: Nov 19, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Riverrock Gt						West Approach Riverrock Gt						Total Vehic es	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
07:45	23	456	38	1	0	518	16	89	3	0	2	108	1	7	2	0	2	10	9	24	27	0	1	60	696	
08:00	23	420	31	0	0	474	14	81	1	1	1	97	0	11	11	0	1	22	16	18	23	0	2	57	650	
08:15	28	438	31	0	1	497	23	94	0	0	6	117	1	7	6	0	2	14	11	17	15	1	10	44	672	
08:30	30	445	47	0	3	522	22	92	1	0	1	115	1	9	4	0	2	14	13	16	22	0	2	51	702	
Grand Total	104	1759	147	1	4	2011	75	356	5	1	10	437	3	34	23	0	7	60	49	75	87	1	15	212	2720	
Approach %	5.2	87.5	7.3	0	-	-	17.2	81.5	1.1	0.2	-	-	5	56.7	38.3	0	-	-	23.1	35.4	41	0.5	-	-	-	
Totals %	3.8	64.7	5.4	0	-	73.9	2.8	13.1	0.2	0	-	16.1	0.1	1.3	0.8	0	-	2.2	1.8	2.8	3.2	0	-	7.8	-	
PHF	0.87	0.96	0.78	0.25	-	0.96	0.82	0.95	0.42	0.25	-	0.93	0.75	0.77	0.52	0	-	0.68	0.77	0.78	0.81	0.25	-	0.88	0.97	
Cars	93	1670	132	1	-	1896	58	288	4	1	-	351	1	22	11	0	-	34	37	69	77	1	-	184	2465	
% Cars	89.4	94.9	89.8	100	-	94.3	77.3	80.9	80	100	-	80.3	33.3	64.7	47.8	0	-	56.7	75.5	92	88.5	100	-	86.8	90.6	
Trucks	11	85	1	0	-	97	12	67	1	0	-	80	2	7	12	0	-	21	4	3	5	0	-	12	210	
% Trucks	10.6	4.8	0.7	0	-	4.8	16	18.8	20	0	-	18.3	66.7	20.6	52.2	0	-	35	8.2	4	5.7	0	-	5.7	7.7	
Buses	0	4	14	0	-	18	5	1	0	0	-	6	0	5	0	0	-	5	8	3	5	0	-	16	45	
% Buses	0	0.2	9.5	0	-	0.9	6.7	0.3	0	0	-	1.4	0	14.7	0	0	-	8.3	16.3	4	5.7	0	-	7.5	1.7	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	-	0	0
Peds	-	-	-	-	4	-	-	-	-	-	10	-	-	-	-	-	7	-	-	-	-	-	15	-	36	
% Peds	-	-	-	-	11.1	-	-	-	-	-	27.8	-	-	-	-	-	19.4	-	-	-	-	-	41.7	-	-	



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Jane St & Riverrock Gt
Site ID: 1936600144
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	694	2177	2871
	33	138	171
	9	8	17
	0	0	0
Totals	736	2323	3059

Jane St

	0	0	0	0
	8	1	0	0
	6	26	1	0
	188	489	14	3
Totals	202	516	15	3

East Approach

	Out	In	Total
	421	56	477
	24	3	27
	3	2	5
	0	0	0
Totals	448	61	509

Riverrock Gt

					Totals
	0	0	0	1	1
	0	6	4	223	233
	0	2	1	39	42
	0	5	3	81	89

Peds: 4



Peds: 7

Peds: 4

Peds: 5

Riverrock Gt

Totals				
	0	0	0	0
	267	254	12	1
	174	161	11	2
	7	6	1	0

West Approach

	Out	In	Total
	344	564	908
	8	27	35
	13	15	28
	0	0	0
Totals	365	606	971

Totals				
	214	1697	3	0
	10	122	1	0
	5	1	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	1914	576	2490
	133	30	163
	6	6	12
	0	0	0
Totals	2053	612	2665

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Riverock Gt
Count Date: Nov 19, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Riverock Gt						West Approach Riverock Gt						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	3	131	46	2	1	182	62	426	3	0	0	491	2	39	43	0	1	84	62	9	22	0	2	93	850
16:45	2	141	64	0	1	207	56	497	0	0	0	553	2	49	69	0	1	120	51	7	26	1	0	85	965
17:00	6	112	44	1	0	163	48	427	0	0	4	475	2	61	84	0	0	147	57	12	18	0	3	87	872
17:15	4	132	48	0	2	184	63	470	1	0	1	534	1	25	71	0	2	97	63	14	23	0	2	100	915
Grand Total	15	516	202	3	4	736	229	1820	4	0	5	2053	7	174	267	0	4	448	233	42	89	1	7	365	3602
Approach %	2	70.1	27.4	0.4	-	-	11.2	88.7	0.2	0	-	-	1.6	38.8	59.6	0	-	-	63.8	11.5	24.4	0.3	-	-	-
Totals %	0.4	14.3	5.6	0.1	-	20.4	6.4	50.5	0.1	0	-	57	0.2	4.8	7.4	0	-	12.4	6.5	1.2	2.5	0	-	10.1	-
PHF	0.63	0.91	0.79	0.38	-	0.89	0.91	0.92	0.33	0	-	0.93	0.88	0.71	0.79	0	-	0.76	0.92	0.75	0.86	0.25	-	0.91	0.93
Cars	14	489	188	3	-	694	214	1697	3	0	-	1914	6	161	254	0	-	421	223	39	81	1	-	344	3373
% Cars	93.3	94.8	93.1	100	-	94.3	93.4	93.2	75	0	-	93.2	85.7	92.5	95.1	0	-	94	95.7	92.9	91	100	-	94.2	93.6
Trucks	1	26	6	0	-	33	10	122	1	0	-	133	1	11	12	0	-	24	4	1	3	0	-	8	198
% Trucks	6.7	5	3	0	-	4.5	4.4	6.7	25	0	-	6.5	14.3	6.3	4.5	0	-	5.4	1.7	2.4	3.4	0	-	2.2	5.5
Buses	0	1	8	0	-	9	5	1	0	0	-	6	0	2	1	0	-	3	6	2	5	0	-	13	31
% Buses	0	0.2	4	0	-	1.2	2.2	0.1	0	0	-	0.3	0	1.1	0.4	0	-	0.7	2.6	4.8	5.6	0	-	3.6	0.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	4	-	-	-	-	-	5	-	-	-	-	-	4	-	-	-	-	-	7	-	20
% Peds	-	-	-	-	20	-	-	-	-	-	25	-	-	-	-	-	20	-	-	-	-	-	35	-	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

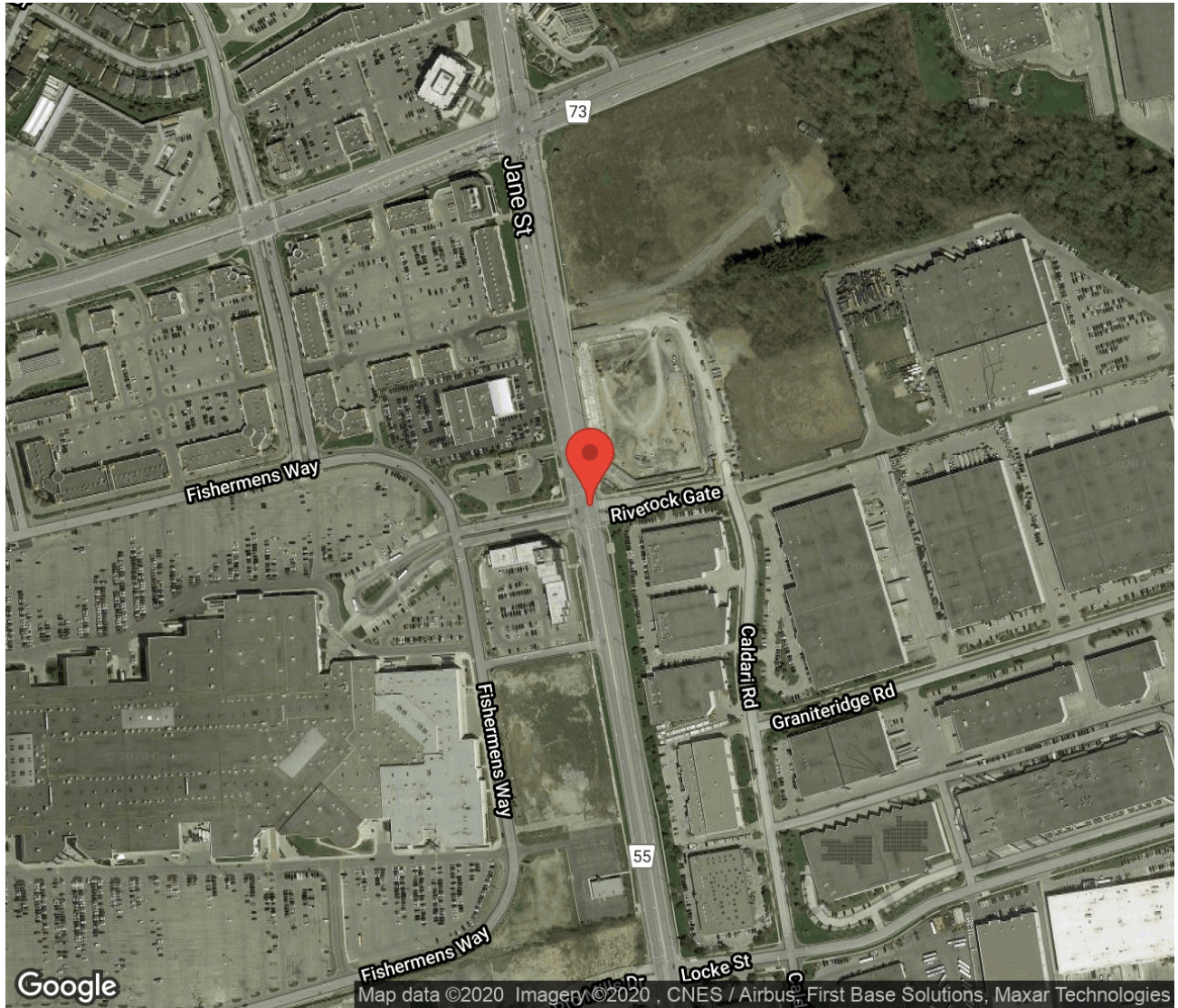
Intersection Count Report

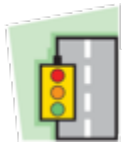
Intersection:	Jane St & Riverrock Gt
Municipality:	Vaughan
Count Date:	Nov 16, 2019
Site Code:	1936600145
Count Categories:	Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period:	11:00-19:00
Weather:	Clear



Traffic Count Map

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019



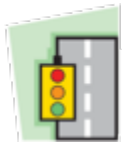


Traffic Count Summary

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	14	629	358	7	1008	0	243	529	8	1	781	1
12:00 - 13:00	26	655	387	9	1077	1	305	695	17	3	1020	1
13:00 - 14:00	24	633	429	6	1092	0	290	681	7	1	979	1
14:00 - 15:00	31	644	401	4	1080	1	281	724	18	2	1025	1
15:00 - 16:00	11	570	406	8	995	2	292	706	15	1	1014	2
16:00 - 17:00	12	510	382	9	913	5	284	655	7	0	946	0
17:00 - 18:00	8	556	321	9	894	0	230	539	4	1	774	0
18:00 - 19:00	14	392	285	5	696	1	204	414	1	0	619	1
GRAND TOTAL	140	4589	2969	57	7755	10	2129	4943	77	9	7158	7



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Jane St & Riverock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

Riverock Gt - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	12	24	15	0	51	0	232	8	121	0	361	1
12:00 - 13:00	10	49	31	0	90	0	290	15	175	0	480	0
13:00 - 14:00	12	35	24	0	71	0	333	16	213	0	562	1
14:00 - 15:00	9	36	25	0	70	0	367	26	257	1	651	3
15:00 - 16:00	11	46	44	0	101	0	382	17	237	4	640	2
16:00 - 17:00	6	34	21	0	61	3	393	22	234	0	649	0
17:00 - 18:00	2	24	16	0	42	0	400	15	215	3	633	1
18:00 - 19:00	2	25	13	0	40	1	343	19	228	2	592	1
GRAND TOTAL	64	273	189	0	526	4	2740	138	1680	10	4568	9



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	2	144	100	4	250	0	18	4	0	22	0	0	1	0	1	0	0	0	0	0	0
11:15	4	148	94	0	246	0	17	1	0	18	0	0	1	0	1	0	0	0	0	0	0
11:30	5	157	84	3	249	0	13	4	0	17	0	0	2	0	2	0	0	0	0	0	0
11:45	3	122	63	0	188	0	10	3	0	13	0	0	1	0	1	0	0	0	0	0	0
12:00	9	140	92	3	244	1	3	3	0	7	0	0	1	0	1	0	0	0	0	0	1
12:15	5	156	95	2	258	2	12	5	0	19	0	0	1	0	1	0	0	0	0	0	0
12:30	5	190	95	2	292	1	8	2	0	11	0	0	0	0	0	0	0	0	0	0	0
12:45	2	133	89	2	226	1	13	2	0	16	0	0	2	0	2	0	0	0	0	0	0
13:00	7	170	115	0	292	1	7	1	0	9	0	0	1	0	1	0	0	0	0	0	0
13:15	1	125	91	2	219	0	6	3	0	9	1	0	1	0	2	0	0	0	0	0	0
13:30	5	146	90	2	243	0	14	4	0	18	0	1	2	0	3	0	0	0	0	0	0
13:45	7	155	115	2	279	2	9	5	0	16	0	0	1	0	1	0	0	0	0	0	0
14:00	9	152	99	1	261	0	13	5	0	18	0	0	2	0	2	0	0	0	0	0	0
14:15	12	161	92	1	266	1	6	2	0	9	0	0	1	0	1	0	0	0	0	0	1
14:30	4	143	73	1	221	0	3	6	0	9	0	0	2	0	2	0	0	0	0	0	0
14:45	5	153	114	1	273	0	13	4	0	17	0	0	1	0	1	0	0	0	0	0	0
15:00	3	159	93	1	256	0	11	4	0	15	0	0	1	0	1	0	0	0	0	0	1
15:15	2	135	102	1	240	1	15	4	1	21	0	0	1	0	1	0	0	0	0	0	0
15:30	2	109	98	3	212	0	7	2	0	9	0	0	2	0	2	0	0	0	0	0	0
15:45	3	127	95	2	227	0	7	3	0	10	0	0	1	0	1	0	0	0	0	0	1
16:00	2	120	93	2	217	0	10	2	0	12	0	0	1	0	1	0	0	0	0	0	1



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	4	142	95	1	242	0	7	3	0	10	0	0	2	0	2	0	0	0	0	0	2
16:30	4	99	81	1	185	0	8	3	0	11	0	0	2	0	2	0	0	0	0	0	2
16:45	2	119	95	5	221	0	5	4	0	9	0	0	1	0	1	0	0	0	0	0	0
17:00	1	143	88	2	234	0	8	2	0	10	0	0	1	0	1	0	0	0	0	0	0
17:15	2	117	75	2	196	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	2	135	70	4	211	0	3	1	0	4	0	0	2	0	2	0	0	0	0	0	0
17:45	2	143	79	1	225	1	3	0	0	4	0	1	1	0	2	0	0	0	0	0	0
18:00	2	100	78	1	181	0	2	3	0	5	0	0	1	0	1	0	0	0	0	0	0
18:15	4	112	65	1	182	0	2	1	0	3	0	0	3	0	3	0	0	0	0	0	1
18:30	2	86	77	1	166	0	1	4	0	5	0	0	0	0	0	0	0	0	0	0	0
18:45	5	85	51	2	143	1	4	1	0	6	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	127	4326	2836	56	7345	12	261	93	1	367	1	2	40	0	43	0	0	0	0	0	10
GRAND TOTAL	127	4326	2836	56	7345	12	261	93	1	367	1	2	40	0	43	0	0	0	0	0	10



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	60	152	1	1	214	0	14	0	0	14	1	1	0	0	2	0	0	0	0	0	0
11:15	65	121	2	0	188	1	10	0	0	11	2	0	0	0	2	0	0	0	0	0	0
11:30	77	140	2	0	219	2	13	0	0	15	0	0	0	0	0	0	0	0	0	0	0
11:45	32	71	3	0	106	2	7	0	0	9	1	0	0	0	1	0	0	0	0	0	1
12:00	76	172	5	1	254	3	14	0	0	17	1	0	0	0	1	0	0	0	0	0	0
12:15	66	168	4	0	238	4	11	0	0	15	1	0	0	0	1	0	0	0	0	0	1
12:30	65	149	5	1	220	2	8	0	0	10	1	0	0	0	1	0	0	0	0	0	0
12:45	80	156	3	1	240	5	17	0	0	22	1	0	0	0	1	0	0	0	0	0	0
13:00	61	128	2	0	191	5	18	0	0	23	0	0	0	0	0	0	0	0	0	0	0
13:15	81	156	0	0	237	2	19	0	0	21	3	0	0	0	3	0	0	0	0	0	1
13:30	67	150	2	1	220	2	26	0	0	28	1	0	0	0	1	0	0	0	0	0	0
13:45	64	165	3	0	232	3	19	0	0	22	1	0	0	0	1	0	0	0	0	0	0
14:00	56	146	4	1	207	1	17	0	0	18	1	0	0	0	1	0	0	0	0	0	0
14:15	79	148	2	0	229	0	21	0	0	21	0	0	0	0	0	0	1	0	0	1	0
14:30	76	175	6	1	258	4	20	0	0	24	2	0	0	0	2	0	0	0	0	0	0
14:45	61	182	6	0	249	1	14	0	0	15	0	0	0	0	0	0	0	0	0	0	1
15:00	80	178	6	0	264	4	16	0	0	20	1	0	0	0	1	0	0	0	0	0	0
15:15	66	172	4	0	242	3	18	0	0	21	1	0	0	0	1	0	0	0	0	0	0
15:30	65	148	3	0	216	2	17	1	0	20	1	0	0	0	1	0	0	0	0	0	2
15:45	66	142	1	1	210	2	15	0	0	17	1	0	0	0	1	0	0	0	0	0	0
16:00	62	147	2	0	211	4	13	0	0	17	1	0	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	69	142	2	0	213	2	16	0	0	18	1	0	0	0	1	0	0	0	0	0	0
16:30	65	159	1	0	225	3	11	0	0	14	1	0	0	0	1	0	0	0	0	0	0
16:45	74	155	2	0	231	2	11	0	0	13	0	1	0	0	1	0	0	0	0	0	0
17:00	59	139	1	0	199	3	6	0	0	9	1	0	0	0	1	0	0	0	0	0	0
17:15	51	121	0	0	172	4	6	0	0	10	1	1	0	0	2	0	0	0	0	0	0
17:30	54	133	0	1	188	1	11	0	0	12	1	0	0	0	1	0	0	0	0	0	0
17:45	53	119	3	0	175	1	3	0	0	4	1	0	0	0	1	0	0	0	0	0	0
18:00	53	113	0	0	166	1	10	0	0	11	1	0	0	0	1	0	0	0	0	0	0
18:15	47	100	0	0	147	2	3	0	0	5	1	0	0	0	1	0	0	0	0	0	0
18:30	54	97	1	0	152	5	4	0	0	9	1	0	0	0	1	0	0	0	0	0	1
18:45	38	86	0	0	124	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	2022	4530	76	9	6637	76	409	1	0	486	31	3	0	0	34	0	1	0	0	1	7
GRAND TOTAL	2022	4530	76	9	6637	76	409	1	0	486	31	3	0	0	34	0	1	0	0	1	7



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Riverrock Gt

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	3	7	3	0	13	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
16:30	1	7	3	0	11	0	1	1	0	2	0	1	1	0	2	0	0	0	0	0	1
16:45	1	7	4	0	12	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	5	2	0	7	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	0	4	2	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
17:30	1	5	6	0	12	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	1	6	6	0	13	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
18:00	0	6	5	0	11	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
18:15	0	6	3	0	9	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
18:30	1	5	2	0	8	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
18:45	1	3	3	0	7	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	59	236	169	0	464	5	23	18	0	46	0	14	2	0	16	0	0	0	0	0	4
GRAND TOTAL	59	236	169	0	464	5	23	18	0	46	0	14	2	0	16	0	0	0	0	0	4



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Riverock Gt

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	46	0	27	0	73	4	0	2	0	6	2	1	1	0	4	0	0	0	0	0	1
11:15	48	3	29	0	80	3	0	0	0	3	2	0	1	0	3	0	0	0	0	0	0
11:30	75	0	34	0	109	5	0	3	0	8	1	0	1	0	2	0	0	0	0	0	0
11:45	45	3	23	0	71	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0
12:00	65	1	29	0	95	4	0	3	0	7	2	0	0	0	2	0	0	0	0	0	0
12:15	70	4	44	0	118	4	0	3	0	7	1	0	2	0	3	0	0	0	0	0	0
12:30	69	6	43	0	118	1	0	3	0	4	1	1	1	0	3	0	0	0	0	0	0
12:45	69	3	43	0	115	1	0	3	0	4	3	0	1	0	4	0	0	0	0	0	0
13:00	64	1	42	0	107	2	0	1	0	3	0	0	1	0	1	0	0	0	0	0	0
13:15	87	5	57	0	149	4	0	2	0	6	2	1	1	0	4	0	0	0	0	0	1
13:30	83	3	49	0	135	1	1	2	0	4	1	0	1	0	2	0	0	0	0	0	0
13:45	81	4	54	0	139	6	0	2	0	8	2	1	1	0	4	0	0	0	0	0	0
14:00	93	6	49	0	148	7	0	4	0	11	0	0	1	0	1	0	0	0	0	0	0
14:15	79	8	66	0	153	4	0	1	0	5	1	0	1	0	2	0	0	0	0	0	0
14:30	95	5	64	0	164	4	0	2	0	6	1	1	1	0	3	0	0	0	0	0	2
14:45	78	5	62	1	146	3	1	5	0	9	2	0	1	0	3	0	0	0	0	0	1
15:00	92	5	54	0	151	0	0	2	0	2	2	0	1	0	3	0	0	0	0	0	0
15:15	103	1	49	3	156	4	0	3	0	7	1	1	1	0	3	0	0	0	0	0	0
15:30	77	5	56	0	138	6	0	4	0	10	2	0	1	0	3	0	0	0	0	0	2
15:45	90	5	62	1	158	4	0	2	0	6	1	0	2	0	3	0	0	0	0	0	0
16:00	93	7	55	0	155	4	1	1	0	6	1	1	1	0	3	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & Riverrock Gt
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Riverrock Gt

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	98	5	57	0	160	0	0	2	0	2	2	0	0	0	2	0	0	0	0	0	0
16:30	97	2	60	0	159	3	0	1	0	4	1	0	1	0	2	0	0	0	0	0	0
16:45	87	5	53	0	145	5	0	2	0	7	2	1	1	0	4	0	0	0	0	0	0
17:00	100	4	56	0	160	4	0	0	0	4	0	0	1	0	1	0	0	0	0	0	0
17:15	104	3	58	0	165	3	0	2	0	5	1	1	1	0	3	0	0	0	0	0	1
17:30	84	5	52	2	143	2	0	1	0	3	2	0	1	0	3	0	0	0	0	0	0
17:45	98	2	41	1	142	0	0	1	0	1	2	0	1	0	3	0	0	0	0	0	0
18:00	82	3	68	1	154	3	1	2	0	6	3	1	1	0	5	0	0	0	0	0	0
18:15	73	6	45	1	125	3	0	1	0	4	1	0	1	0	2	0	0	0	0	0	0
18:30	83	4	55	0	142	5	0	1	0	6	2	0	2	0	4	0	0	0	0	0	1
18:45	85	3	47	0	135	2	0	4	0	6	1	1	1	0	3	0	0	0	0	0	0
SUBTOTAL	2593	122	1583	10	4308	101	4	65	0	170	46	12	32	0	90	0	0	0	0	0	9
GRAND TOTAL	2593	122	1583	10	4308	101	4	65	0	170	46	12	32	0	90	0	0	0	0	0	9



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Jane St & Riverrock Gt
Site ID: 1936600145
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1033	940	1973
	52	99	151
	7	5	12
	0	0	0
Totals	1092	1044	2136

Jane St

	0	0	0	0
	5	1	1	0
	13	36	3	0
	411	596	20	6
Totals	429	633	24	6

East Approach

	Out	In	Total
	64	40	104
	5	4	9
	2	3	5
	0	0	0
Totals	71	47	118

Riverrock Gt

					Totals
	0	0	0	0	0
	0	5	13	315	333
	0	2	1	13	16
	0	4	7	202	213

Peds: 0



Peds: 1

Peds: 0

Peds: 1

Riverrock Gt

Totals				
0	0	0	0	0
24	20	4	0	0
35	32	1	2	0
12	12	0	0	0

West Approach

	Out	In	Total
	530	716	1246
	21	26	47
	11	12	23
	0	0	0
Totals	562	754	1316

Totals				
290	681	7	1	
	273	599	7	1
	12	82	0	0
	5	0	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	880	811	1691
	94	43	137
	5	5	10
	0	0	0
Totals	979	859	1838

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Riverrock Gt
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Riverrock Gt						West Approach Riverrock Gt						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	8	177	117	0	0	302	66	146	2	0	0	214	4	9	6	0	0	19	66	1	44	0	0	111	646
13:15	2	131	95	2	0	230	86	175	0	0	1	261	3	9	8	0	0	20	93	6	60	0	1	159	670
13:30	5	161	96	2	0	264	70	176	2	1	0	249	3	13	4	0	0	20	85	4	52	0	0	141	674
13:45	9	164	121	2	0	296	68	184	3	0	0	255	2	4	6	0	0	12	89	5	57	0	0	151	714
Grand Total	24	633	429	6	0	1092	290	681	7	1	1	979	12	35	24	0	0	71	333	16	213	0	1	562	2704
Approach %	2.2	58	39.3	0.5	-	-	29.6	69.6	0.7	0.1	-	-	16.9	49.3	33.8	0	-	-	59.3	2.8	37.9	0	-	-	-
Totals %	0.9	23.4	15.9	0.2	-	40.4	10.7	25.2	0.3	0	-	36.2	0.4	1.3	0.9	0	-	2.6	12.3	0.6	7.9	0	-	20.8	-
PHF	0.67	0.89	0.89	0.75	-	0.9	0.84	0.93	0.58	0.25	-	0.94	0.75	0.67	0.75	0	-	0.89	0.9	0.67	0.89	0	-	0.88	0.95
Cars	20	596	411	6	-	1033	273	599	7	1	-	880	12	32	20	0	-	64	315	13	202	0	-	530	2507
% Cars	83.3	94.2	95.8	100	-	94.6	94.1	88	100	100	-	89.9	100	91.4	83.3	0	-	90.1	94.6	81.3	94.8	0	-	94.3	92.7
Trucks	3	36	13	0	-	52	12	82	0	0	-	94	0	1	4	0	-	5	13	1	7	0	-	21	172
% Trucks	12.5	5.7	3	0	-	4.8	4.1	12	0	0	-	9.6	0	2.9	16.7	0	-	7	3.9	6.3	3.3	0	-	3.7	6.4
Buses	1	1	5	0	-	7	5	0	0	0	-	5	0	2	0	0	-	2	5	2	4	0	-	11	25
% Buses	4.2	0.2	1.2	0	-	0.6	1.7	0	0	0	-	0.5	0	5.7	0	0	-	2.8	1.5	12.5	1.9	0	-	2	0.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	1	-	2
% Peds	-	-	-	-	0	-	-	-	-	-	50	-	-	-	-	-	0	-	-	-	-	-	50	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:30:00
To: 15:30:00

Intersection: Jane St & Riverrock Gt
Site ID: 1936600145
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	990	1118	2108
	62	83	145
	5	7	12
	0	0	0
Totals	1057	1208	2265

Jane St

	0	0	0	0
	5	0	0	0
	18	42	1	1
	382	590	14	4
Totals	405	632	15	5

East Approach

	Out	In	Total
	93	52	145
	4	2	6
	3	2	5
	0	0	0
Totals	100	56	156

Riverrock Gt

					Totals
	0	0	0	4	4
	0	6	11	368	385
	0	2	1	16	19
	0	4	12	229	245

Peds: 1



Peds: 3

Peds: 0

Peds: 1

Riverrock Gt

Totals				
0	0	0	0	0
43	39	3	1	0
43	40	1	2	0
14	14	0	0	0

West Approach

	Out	In	Total
	617	709	1326
	24	31	55
	12	11	23
	0	0	0
Totals	653	751	1404

Totals				
299	283	707	22	1
	12	68	0	0
	4	0	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	1013	834	1847
	80	54	134
	4	4	8
	0	0	0
Totals	1097	892	1989

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & Riverrock Gt
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:30 - 15:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Riverrock Gt						West Approach Riverrock Gt						Total Vehicles	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
14:30	4	146	81	1	0	232	82	195	6	1	0	284	3	8	4	0	0	15	100	6	67	0	2	173	704	
14:45	5	166	119	1	0	291	62	196	6	0	1	264	3	10	5	0	0	18	83	6	68	1	1	158	731	
15:00	3	170	98	1	1	272	85	194	6	0	0	285	8	13	24	0	0	45	94	5	57	0	0	156	758	
15:15	3	150	107	2	0	262	70	190	4	0	0	264	0	12	10	0	0	22	108	2	53	3	0	166	714	
Grand Total	15	632	405	5	1	1057	299	775	22	1	1	1097	14	43	43	0	0	100	385	19	245	4	3	653	2907	
Approach %	1.4	59.8	38.3	0.5	-	-	27.3	70.6	2	0.1	-	-	14	43	43	0	-	-	59	2.9	37.5	0.6	-	-	-	
Totals %	0.5	21.7	13.9	0.2	-	36.4	10.3	26.7	0.8	0	-	37.7	0.5	1.5	1.5	0	-	3.4	13.2	0.7	8.4	0.1	-	-	22.5	
PHF	0.75	0.93	0.85	0.63	-	0.91	0.88	0.99	0.92	0.25	-	0.96	0.44	0.83	0.45	0	-	0.56	0.89	0.79	0.9	0.33	-	-	0.94	0.96
Cars	14	590	382	4	-	990	283	707	22	1	-	1013	14	40	39	0	-	93	368	16	229	4	-	-	617	2713
% Cars	93.3	93.4	94.3	80	-	93.7	94.6	91.2	100	100	-	92.3	100	93	90.7	0	-	93	95.6	84.2	93.5	100	-	-	94.5	93.3
Trucks	1	42	18	1	-	62	12	68	0	0	-	80	0	1	3	0	-	4	11	1	12	0	-	-	24	170
% Trucks	6.7	6.6	4.4	20	-	5.9	4	8.8	0	0	-	7.3	0	2.3	7	0	-	4	2.9	5.3	4.9	0	-	-	3.7	5.8
Buses	0	0	5	0	-	5	4	0	0	0	-	4	0	2	1	0	-	3	6	2	4	0	-	-	12	24
% Buses	0	0	1.2	0	-	0.5	1.3	0	0	0	-	0.4	0	4.7	2.3	0	-	3	1.6	10.5	1.6	0	-	-	1.8	0.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0
Peds	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	3	-	5	
% Peds	-	-	-	-	20	-	-	-	-	-	20	-	-	-	-	-	0	-	-	-	-	-	60	-	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600146
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

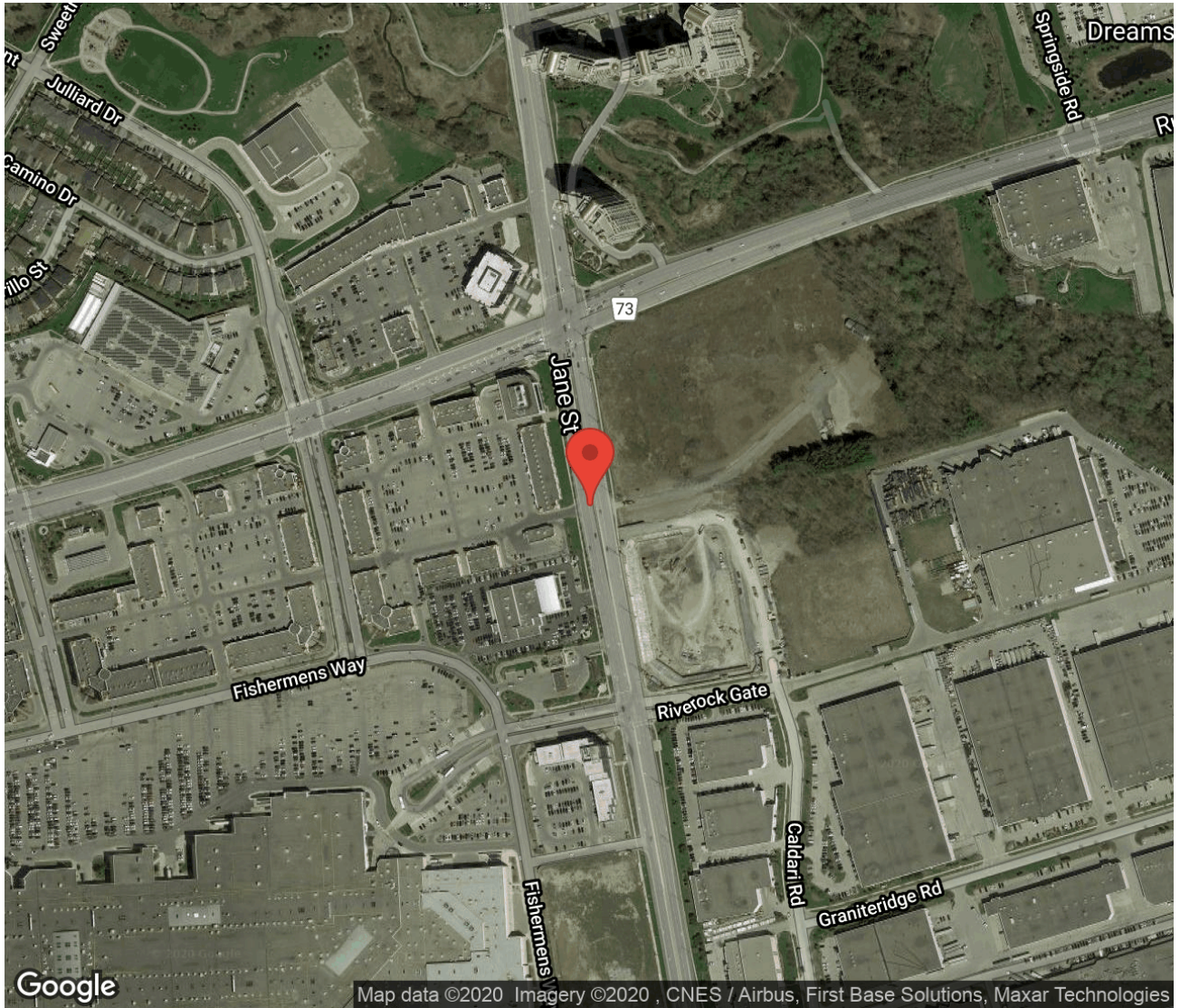


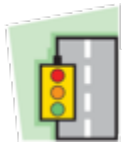
Traffic Count Map

Intersection: Jane St & 9100 Jane St Access

Municipality: Vaughan

Count Date: Nov 19, 2019



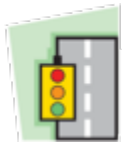


Traffic Count Summary

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1504	93	0	1597	2	0	410	0	0	410	2
08:00 - 09:00	0	1478	86	0	1564	0	0	433	1	0	434	10
09:00 - 10:00	0	1318	85	0	1403	10	0	506	1	0	507	20
BREAK												
14:00 - 15:00	0	673	39	0	712	2	0	1125	2	0	1127	1
15:00 - 16:00	0	752	40	0	792	5	0	1563	0	0	1563	5
16:00 - 17:00	0	646	47	0	693	0	0	2089	1	0	2090	0
17:00 - 18:00	0	637	38	0	675	0	0	2186	0	0	2186	0
18:00 - 19:00	0	706	31	0	737	0	0	1551	0	0	1551	0
GRAND TOTAL	0	7714	459	0	8173	19	0	9863	5	0	9868	38



Traffic Count Summary

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

Commercial Access - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	0	0	0	0	0	0	102	0	102	2
08:00 - 09:00	0	0	0	0	0	0	0	0	111	0	111	4
09:00 - 10:00	0	0	0	0	0	0	0	0	85	0	85	1
BREAK												
14:00 - 15:00	0	0	0	0	0	0	0	0	82	0	82	4
15:00 - 16:00	0	0	0	0	0	0	0	0	67	0	67	28
16:00 - 17:00	0	0	0	0	0	0	0	0	34	0	34	5
17:00 - 18:00	0	0	0	0	0	0	0	0	42	0	42	4
18:00 - 19:00	0	0	0	0	0	0	0	0	36	0	36	1
GRAND TOTAL	0	0	0	0	0	0	0	0	559	0	559	49



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	343	23	0	366	0	21	1	0	22	0	1	0	0	1	0	0	0	0	0	2
07:15	0	347	15	0	362	0	21	3	0	24	0	4	0	0	4	0	0	0	0	0	0
07:30	0	318	23	0	341	0	17	2	0	19	0	3	0	0	3	0	0	0	0	0	0
07:45	0	418	20	0	438	0	10	6	0	16	0	1	0	0	1	0	0	0	0	0	0
08:00	0	348	19	0	367	0	21	0	0	21	0	4	0	0	4	0	0	0	0	0	0
08:15	0	349	25	0	374	0	9	1	0	10	0	7	0	0	7	0	0	0	0	0	0
08:30	0	387	16	0	403	0	16	0	0	16	0	4	0	0	4	0	0	0	0	0	0
08:45	0	307	22	0	329	0	26	3	0	29	0	0	0	0	0	0	0	0	0	0	0
09:00	0	361	24	0	385	0	17	2	0	19	0	3	0	0	3	0	0	0	0	0	0
09:15	0	319	17	0	336	0	20	0	0	20	0	6	0	0	6	0	0	0	0	0	4
09:30	0	244	21	0	265	0	23	1	0	24	0	2	0	0	2	0	0	0	0	0	6
09:45	0	301	18	0	319	0	18	2	0	20	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	0	4042	243	0	4285	0	219	21	0	240	0	39	0	0	39	0	0	0	0	0	12



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	153	9	0	162	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
14:15	0	165	6	0	171	0	15	2	0	17	0	2	0	0	2	0	0	0	0	0	0
14:30	0	151	9	0	160	0	21	2	0	23	0	4	0	0	4	0	0	0	0	0	0
14:45	0	128	10	0	138	0	18	1	0	19	0	0	0	0	0	0	0	0	0	0	2
15:00	0	163	0	0	163	0	0	10	0	10	0	2	0	0	2	0	0	0	0	0	3
15:15	0	207	0	0	207	0	0	15	0	15	0	4	0	0	4	0	0	0	0	0	2
15:30	0	175	6	0	181	0	12	1	0	13	0	3	0	0	3	0	0	0	0	0	0
15:45	0	166	8	0	174	0	15	0	0	15	0	5	0	0	5	0	0	0	0	0	0
16:00	0	160	10	0	170	0	18	0	0	18	0	3	0	0	3	0	0	0	0	0	0
16:15	0	118	10	0	128	0	22	1	0	23	0	2	0	0	2	0	0	0	0	0	0
16:30	0	148	12	0	160	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
16:45	0	150	12	0	162	0	7	2	0	9	0	2	0	0	2	0	0	0	0	0	0
17:00	0	120	7	0	127	0	9	0	0	9	0	2	0	0	2	0	0	0	0	0	0
17:15	0	145	10	0	155	0	9	1	0	10	0	3	0	0	3	0	0	0	0	0	0
17:30	0	151	7	0	158	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	0
17:45	0	176	11	0	187	0	14	2	0	16	0	3	0	0	3	0	0	0	0	0	0
18:00	0	160	4	0	164	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:15	0	154	6	0	160	0	6	0	0	6	0	3	0	0	3	0	0	0	0	0	0
18:30	0	185	8	0	193	0	7	1	0	8	0	3	0	0	3	0	0	0	0	0	0
18:45	0	167	12	0	179	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	3142	157	0	3299	0	223	38	0	261	0	49	0	0	49	0	0	0	0	0	7

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	7184	400	0	7584	0	442	59	0	501	0	88	0	0	88	0	0	0	0	0	19





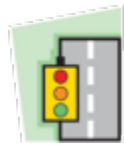
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	88	0	0	88	0	17	0	0	17	0	4	0	0	4	0	0	0	0	0	2
07:15	0	73	0	0	73	0	20	0	0	20	0	5	0	0	5	0	0	0	0	0	0
07:30	0	65	0	0	65	0	18	0	0	18	0	4	0	0	4	0	0	0	0	0	0
07:45	0	96	0	0	96	0	18	0	0	18	0	2	0	0	2	0	0	0	0	0	0
08:00	0	85	0	0	85	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
08:15	0	82	0	0	82	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
08:30	0	101	0	0	101	0	24	1	0	25	0	4	0	0	4	0	0	0	0	0	0
08:45	0	83	0	0	83	0	18	0	0	18	0	4	0	0	4	0	0	0	0	0	10
09:00	0	103	0	0	103	0	20	0	0	20	0	7	0	0	7	0	0	0	0	0	12
09:15	0	110	0	0	110	0	21	0	0	21	0	4	0	0	4	0	0	0	0	0	4
09:30	0	69	0	0	69	0	29	1	0	30	0	2	0	0	2	0	0	0	0	0	4
09:45	0	103	0	0	103	0	34	0	0	34	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	0	1058	0	0	1058	0	248	2	0	250	0	43	0	0	43	0	0	0	0	0	32



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

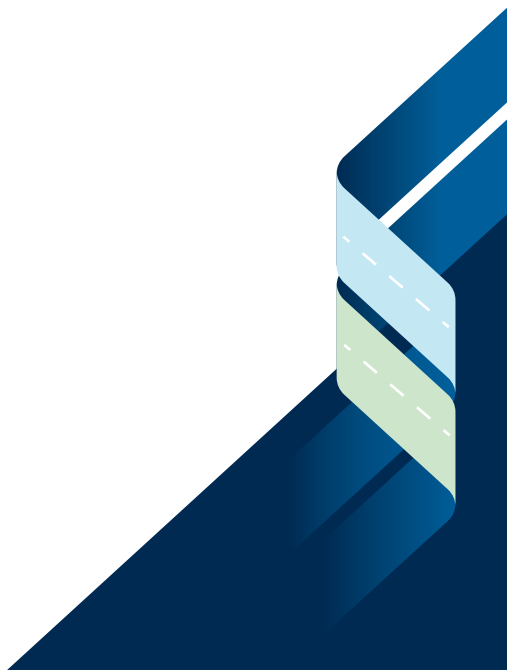
South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	224	0	0	224	0	27	0	0	27	0	5	0	0	5	0	0	0	0	0	0
14:15	0	210	0	0	210	0	35	0	0	35	0	2	0	0	2	0	0	0	0	0	0
14:30	0	296	0	0	296	0	35	1	0	36	0	0	0	0	0	0	0	0	0	0	0
14:45	0	250	0	0	250	0	37	1	0	38	0	4	0	0	4	0	0	0	0	0	1
15:00	0	320	0	0	320	0	43	0	0	43	0	2	0	0	2	0	0	0	0	0	3
15:15	0	338	0	0	338	0	44	0	0	44	0	4	0	0	4	0	0	0	0	0	2
15:30	0	326	0	0	326	0	37	0	0	37	0	3	0	0	3	0	0	0	0	0	0
15:45	0	410	0	0	410	0	34	0	0	34	0	2	0	0	2	0	0	0	0	0	0
16:00	0	416	0	0	416	0	41	0	0	41	0	5	0	0	5	0	0	0	0	0	0
16:15	0	494	0	0	494	0	35	0	0	35	0	2	0	0	2	0	0	0	0	0	0
16:30	0	536	0	0	536	0	22	1	0	23	0	1	0	0	1	0	0	0	0	0	0
16:45	0	518	0	0	518	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
17:00	0	579	0	0	579	0	12	0	0	12	0	2	0	0	2	0	0	0	0	0	0
17:15	0	557	0	0	557	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
17:30	0	514	0	0	514	0	20	0	0	20	0	3	0	0	3	0	0	0	0	0	0
17:45	0	471	0	0	471	0	11	0	0	11	0	3	0	0	3	0	0	0	0	0	0
18:00	0	423	0	0	423	0	15	0	0	15	0	2	0	0	2	0	0	0	0	0	0
18:15	0	421	0	0	421	0	16	0	0	16	0	3	0	0	3	0	0	0	0	0	0
18:30	0	344	0	0	344	0	12	0	0	12	0	2	0	0	2	0	0	0	0	0	0
18:45	0	301	0	0	301	0	9	0	0	9	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	0	7948	0	0	7948	0	517	3	0	520	0	49	0	0	49	0	0	0	0	0	6

Start Time	Cars					Trucks					Buses					Total Peds				
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total					
GRAND TOTAL	0	9006	0	0	9006	0	765	5	0	770	0	92	0	0	92	0	0	0	0	38



Start Time	Cars					Trucks					Buses					Total Peds					
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total		↶	↑	↷	↶	Total
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

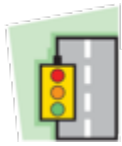
Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - 9100 Jane St Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	0	25	0	25	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1
14:15	0	0	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14:30	0	0	17	0	17	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	13	0	13	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	2
15:00	0	0	9	0	9	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	19
15:15	0	0	11	0	11	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	3
15:30	0	0	17	0	17	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	6
15:45	0	0	20	0	20	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	4	0	4	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1
16:15	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
16:30	0	0	10	0	10	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	2
16:45	0	0	8	0	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	13	0	13	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2
17:15	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:30	0	0	9	0	9	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:00	0	0	12	0	12	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:30	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	232	0	232	0	0	28	0	28	0	0	0	0	0	0	0	1	0	1	42

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	0	493	0	493	0	0	65	0	65	0	0	0	0	0	0	0	1	0	1	49





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: Jane St & 9100 Jane St Access
Site ID: 1936600146
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1582	364	1946
	63	71	134
	16	9	25
	0	0	0
Totals	1661	444	2105

Jane St

	0	0	0	0
	0	16	0	0
	7	56	0	0
	80	1502	0	0
Totals	87	1574	0	0

East Approach

	Out	In	Total
	0	0	0
	0	1	1
	0	0	0
	0	0	0
Totals	0	1	1

9100 Jane St Access

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	10	99	109

Peds: 0



Peds: 4

Peds: 0

Peds: 0

Commercial Access

Totals				
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

West Approach

	Out	In	Total
	99	80	179
	10	7	17
	0	0	0
	0	0	0
Totals	109	87	196

Totals				
0	444	1	0	
	0	364	0	0
	0	71	1	0
	0	9	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	364	1601	1965
	72	66	138
	9	16	25
	0	0	0
Totals	445	1683	2128

- Cars

- Trucks

- Buses

- Bicycles

Comments



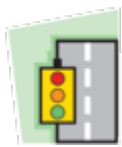
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & 9100 Jane St Access
Count Date: Nov 19, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Commercial Access						West Approach 9100 Jane St Access						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:45	0	429	26	0	0	455	0	116	0	0	0	116	0	0	0	0	0	0	0	0	28	0	0	28	599
08:00	0	373	19	0	0	392	0	102	0	0	0	102	0	0	0	0	0	0	0	0	23	0	1	23	517
08:15	0	365	26	0	0	391	0	97	0	0	0	97	0	0	0	0	0	0	0	0	29	0	1	29	517
08:30	0	407	16	0	0	423	0	129	1	0	0	130	0	0	0	0	0	0	0	0	29	0	2	29	582
Grand Total	0	1574	87	0	0	1661	0	444	1	0	0	445	0	0	0	0	0	0	0	0	109	0	4	109	2215
Approach %	0	94.8	5.2	0	-	-	0	99.8	0.2	0	-	-	0	0	0	0	-	-	0	0	100	0	-	-	-
Totals %	0	71.1	3.9	0	-	75	0	20	0	0	-	20.1	0	0	0	0	-	-	0	0	4.9	0	-	4.9	-
PHF	0	0.92	0.84	0	0	0.91	0	0.86	0.25	0	0	0.86	0	0	0	0	0	0	0	0	0.94	0	0	0.94	0.92
Cars	0	1502	80	0	-	1582	0	364	0	0	-	364	0	0	0	0	-	-	0	0	99	0	-	99	2045
% Cars	0	95.4	92	0	-	95.2	0	82	0	0	-	81.8	0	0	0	0	-	-	0	0	90.8	0	-	90.8	92.3
Trucks	0	56	7	0	-	63	0	71	1	0	-	72	0	0	0	0	-	-	0	0	10	0	-	10	145
% Trucks	0	3.6	8	0	-	3.8	0	16	100	0	-	16.2	0	0	0	0	-	-	0	0	9.2	0	-	9.2	6.5
Buses	0	16	0	0	-	16	0	9	0	0	-	9	0	0	0	0	-	-	0	0	0	0	-	0	25
% Buses	0	1	0	0	-	1	0	2	0	0	-	2	0	0	0	0	-	-	0	0	0	0	-	0	1.1
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	-	0	0
Peds					0	-					0	-					0	-				4	-	4	
% Peds					0	-					0	-					0	-				100	-		



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: Jane St & 9100 Jane St Access
Site ID: 1936600146
Count Date: Nov 19, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	604	2190	2794
	42	66	108
	9	4	13
	0	0	0
Totals	655	2260	2915

Jane St

	0	0	0	0
	0	9	0	0
	3	39	0	0
	41	563	0	0
Totals	44	611	0	0

East Approach

	Out	In	Total
	0	0	0
	0	1	1
	0	0	0
	0	0	0
Totals	0	1	1

9100 Jane St Access

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
1	0	4	35	40

Peds: 0



Peds: 5

Peds: 0

Peds: 0

Commercial Access

Totals				
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

West Approach

	Out	In	Total
	35	41	76
	4	3	7
	0	0	0
	1	0	1
Totals	40	44	84

Totals				
0	2260	1	0	
	0	2190	0	0
	0	66	1	0
	0	4	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	2190	598	2788
	67	43	110
	4	9	13
	0	1	1
Totals	2261	651	2912

- Cars

- Trucks

- Buses

- Bicycles

Comments



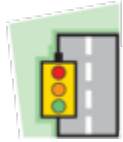
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & 9100 Jane St Access
Count Date: Nov 19, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Commercial Access						West Approach 9100 Jane St Access						Total Vehic es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	0	164	12	0	0	176	0	559	1	0	0	560	0	0	0	0	0	0	0	0	12	0	2	12	748
16:45	0	159	14	0	0	173	0	537	0	0	0	537	0	0	0	0	0	0	0	0	9	0	0	9	719
17:00	0	131	7	0	0	138	0	593	0	0	0	593	0	0	0	0	0	0	0	0	15	0	2	15	746
17:15	0	157	11	0	0	168	0	571	0	0	0	571	0	0	0	0	0	0	0	0	4	0	1	4	743
Grand Total	0	611	44	0	0	655	0	2260	1	0	0	2261	0	0	0	0	0	0	0	0	40	0	5	40	2956
Approach %	0	93.3	6.7	0	-	-	0	100	0	0	-	-	0	0	0	0	-	-	0	0	100	0	-	-	
Totals %	0	20.7	1.5	0	-	22.2	0	76.5	0	0	-	76.5	0	0	0	0	-	0	0	0	1.4	0	-	1.4	
PHF	0	0.93	0.79	0	0	0.93	0	0.95	0.25	0	0	0.95	0	0	0	0	0	0	0	0	0.67	0	0	0.67	0.99
Cars	0	563	41	0	-	604	0	2190	0	0	-	2190	0	0	0	0	-	0	0	0	35	0	-	35	2829
% Cars	0	92.1	93.2	0	-	92.2	0	96.9	0	0	-	96.9	0	0	0	0	-	0	0	0	87.5	0	-	87.5	95.7
Trucks	0	39	3	0	-	42	0	66	1	0	-	67	0	0	0	0	-	0	0	0	4	0	-	4	113
% Trucks	0	6.4	6.8	0	-	6.4	0	2.9	100	0	-	3	0	0	0	0	-	0	0	0	10	0	-	10	3.8
Buses	0	9	0	0	-	9	0	4	0	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	13
% Buses	0	1.5	0	0	-	1.4	0	0.2	0	0	-	0.2	0	0	0	0	-	0	0	0	0	0	-	0	0.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	0	-	1	1
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	2.5	0	-	2.5	0
Peds					0	-					0	-					0	-					5	-	5
% Peds					0	-					0	-					0	-					100	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

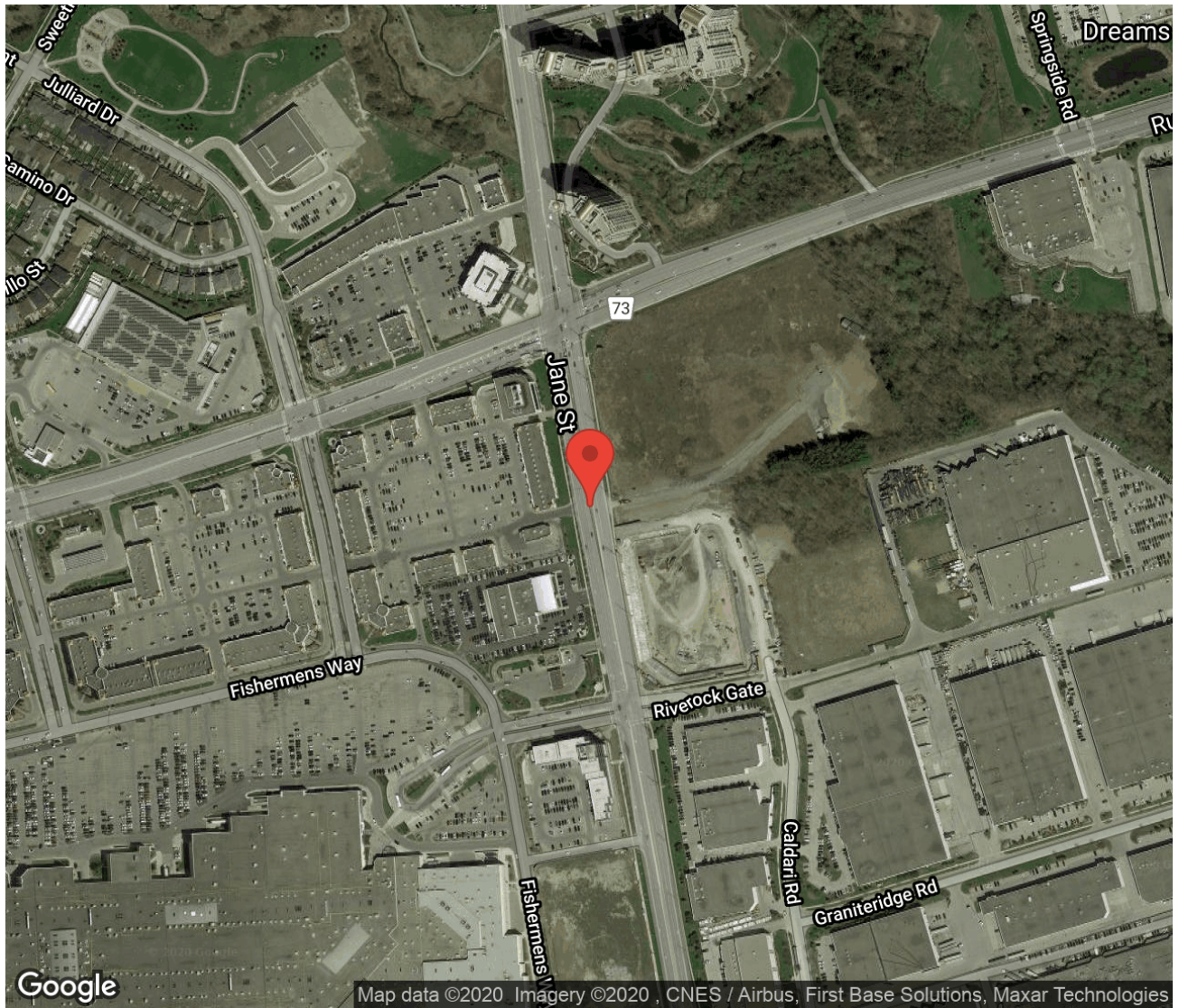
Intersection Count Report

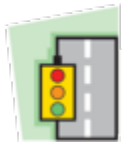
Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600147
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019





Traffic Count Summary

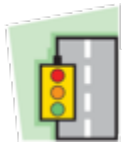
Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

Jane St - Traffic Summary

North Approach Totals

South Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	1098	58	0	1156	0	0	859	1	0	860	0
12:00 - 13:00	0	1090	56	0	1146	0	0	1005	2	0	1007	0
13:00 - 14:00	0	1168	44	0	1212	0	0	1049	3	0	1052	0
14:00 - 15:00	0	1032	50	0	1082	0	0	1124	0	0	1124	0
15:00 - 16:00	0	1007	47	0	1054	0	0	1134	0	0	1134	0
16:00 - 17:00	0	814	47	0	861	0	0	1043	0	0	1043	0
17:00 - 18:00	0	934	34	0	968	0	0	996	0	0	996	0
18:00 - 19:00	0	668	47	0	715	0	0	785	0	0	785	0
GRAND TOTAL	0	7811	383	0	8194	0	0	7995	6	0	8001	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

Commercial Access - Traffic Summary

East Approach Totals

Includes Cars, Trucks, Buses, Bicycles

West Approach Totals

Includes Cars, Trucks, Buses, Bicycles

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	0	0	0	0	0	0	45	0	45	2
12:00 - 13:00	0	0	2	0	2	1	0	0	49	0	49	2
13:00 - 14:00	0	0	4	0	4	0	0	0	44	0	44	3
14:00 - 15:00	0	0	1	0	1	1	0	0	51	0	51	1
15:00 - 16:00	0	0	0	0	0	1	0	0	43	0	43	4
16:00 - 17:00	0	0	0	0	0	0	0	0	56	0	56	4
17:00 - 18:00	0	0	0	0	0	0	0	0	28	0	28	2
18:00 - 19:00	0	0	1	0	1	0	0	0	35	0	35	1
GRAND TOTAL	0	0	8	0	8	3	0	0	351	0	351	19



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	236	9	0	245	0	25	0	0	25	0	1	0	0	1	0	0	0	0	0	0
11:15	0	212	10	0	222	0	25	2	0	27	0	1	0	0	1	0	0	0	0	0	0
11:30	0	276	18	0	294	0	16	0	0	16	0	2	0	0	2	0	0	0	0	0	0
11:45	0	278	19	0	297	0	24	0	0	24	0	2	0	0	2	0	0	0	0	0	0
12:00	0	251	13	0	264	0	20	1	0	21	0	1	0	0	1	0	0	0	0	0	0
12:15	0	235	18	0	253	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
12:30	0	331	16	0	347	0	17	0	0	17	0	0	0	0	0	0	1	0	0	1	0
12:45	0	192	8	0	200	0	16	0	0	16	0	2	0	0	2	0	0	0	0	0	0
13:00	0	312	13	0	325	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
13:15	0	246	7	0	253	0	12	3	0	15	0	1	0	0	1	0	0	0	0	0	0
13:30	0	192	10	0	202	0	19	1	0	20	0	3	0	0	3	0	0	0	0	0	0
13:45	0	353	8	0	361	0	15	2	0	17	0	1	0	0	1	0	0	0	0	0	0
14:00	0	215	9	0	224	0	16	2	0	18	0	2	0	0	2	0	0	0	0	0	0
14:15	0	250	13	0	263	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
14:30	0	265	15	0	280	0	12	0	0	12	0	2	0	0	2	0	0	0	0	0	0
14:45	0	241	11	0	252	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
15:00	0	262	10	0	272	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
15:15	0	229	14	0	243	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
15:30	0	224	9	0	233	0	12	1	0	13	0	2	0	0	2	0	0	0	0	0	0
15:45	0	231	12	0	243	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
16:00	0	191	8	0	199	0	4	2	0	6	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	214	13	0	227	0	10	1	0	11	0	2	0	0	2	0	0	0	0	0	0
16:30	0	171	11	0	182	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
16:45	0	202	11	0	213	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
17:00	0	225	11	0	236	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
17:15	0	228	10	0	238	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:30	0	223	8	0	231	0	7	0	0	7	0	3	0	0	3	0	0	0	0	0	0
17:45	0	220	5	0	225	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
18:00	0	182	11	0	193	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
18:15	0	163	20	0	183	0	5	0	0	5	0	3	0	0	3	0	0	0	0	0	0
18:30	0	163	5	0	168	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
18:45	0	132	9	0	141	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	7345	364	0	7709	0	423	19	0	442	0	42	0	0	42	0	1	0	0	1	0
GRAND TOTAL	0	7345	364	0	7709	0	423	19	0	442	0	42	0	0	42	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	223	0	0	223	0	15	0	0	15	0	2	0	0	2	0	0	0	0	0	0
16:30	0	266	0	0	266	0	19	0	0	19	0	2	0	0	2	0	0	0	0	0	0
16:45	0	235	0	0	235	0	17	0	0	17	0	2	0	0	2	0	0	0	0	0	0
17:00	0	221	0	0	221	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
17:15	0	252	0	0	252	0	4	0	0	4	0	2	0	0	2	0	0	0	0	0	0
17:30	0	255	0	0	255	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
17:45	0	232	0	0	232	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
18:00	0	222	0	0	222	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
18:15	0	196	0	0	196	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:30	0	175	0	0	175	0	7	0	0	7	0	2	0	0	2	0	0	0	0	0	0
18:45	0	170	0	0	170	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	7420	0	0	7420	0	530	6	0	536	0	45	0	0	45	0	0	0	0	0	0
GRAND TOTAL	0	7420	0	0	7420	0	530	6	0	536	0	45	0	0	45	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Jane St & 9100 Jane St Access
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Commercial Access

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	1	0	1	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	3
GRAND TOTAL	0	0	1	0	1	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	3



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Jane St & 9100 Jane St Access
Site ID: 1936600147
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1141	951	2092
	65	97	162
	6	5	11
	0	0	0
Totals	1212	1053	2265

Jane St

	0	0	0	0
	0	6	0	0
	6	59	0	0
	38	1103	0	0
Totals	44	1168	0	0

East Approach

	Out	In	Total
	1	0	1
	3	3	6
	0	0	0
	0	0	0
Totals	4	3	7

9100 Jane St Access

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	5	39	44

Peds: 0



Peds: 3

Peds: 0

Peds: 0

Commercial Access

Totals				
0	0	0	0	0
4	1	3	0	0
0	0	0	0	0
0	0	0	0	0

West Approach

	Out	In	Total
	39	38	77
	5	6	11
	0	0	0
	0	0	0
Totals	44	44	88

Totals				
0	1049	3	0	
	0	950	0	0
	0	94	3	0
	0	5	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	950	1142	2092
	97	64	161
	5	6	11
	0	0	0
Totals	1052	1212	2264

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & 9100 Jane St Access
Count Date: Nov 16, 2019
Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Commercial Access						West Approach 9100 Jane St Access						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	0	326	13	0	0	339	0	221	1	0	0	222	0	0	0	0	0	0	0	0	14	0	0	14	575
13:15	0	259	10	0	0	269	0	284	1	0	0	285	0	0	3	0	0	3	0	0	11	0	3	11	568
13:30	0	214	11	0	0	225	0	258	0	0	0	258	0	0	1	0	0	1	0	0	4	0	0	4	488
13:45	0	369	10	0	0	379	0	286	1	0	0	287	0	0	0	0	0	0	0	0	15	0	0	15	681
Grand Total	0	1168	44	0	0	1212	0	1049	3	0	0	1052	0	0	4	0	0	4	0	0	44	0	3	44	2312
Approach %	0	96.4	3.6	0	-	-	0	99.7	0.3	0	-	-	0	0	100	0	-	-	0	0	100	0	-	-	-
Totals %	0	50.5	1.9	0	-	52.4	0	45.4	0.1	0	-	45.5	0	0	0.2	0	-	0.2	0	0	1.9	0	-	1.9	-
PHF	0	0.79	0.85	0	0	0.8	0	0.92	0.75	0	0	0.92	0	0	0.33	0	0	0.33	0	0	0.73	0	0	0.73	0.85
Cars	0	1103	38	0	-	1141	0	950	0	0	-	950	0	0	1	0	-	1	0	0	39	0	-	39	2131
% Cars	0	94.4	86.4	0	-	94.1	0	90.6	0	0	-	90.3	0	0	25	0	-	25	0	0	88.6	0	-	88.6	92.2
Trucks	0	59	6	0	-	65	0	94	3	0	-	97	0	0	3	0	-	3	0	0	5	0	-	5	170
% Trucks	0	5.1	13.6	0	-	5.4	0	9	100	0	-	9.2	0	0	75	0	-	75	0	0	11.4	0	-	11.4	7.4
Buses	0	6	0	0	-	6	0	5	0	0	-	5	0	0	0	0	-	0	0	0	0	0	-	0	11
% Buses	0	0.5	0	0	-	0.5	0	0.5	0	0	-	0.5	0	0	0	0	-	0	0	0	0	0	-	0	0.5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	3	-	3
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	100	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:30:00
To: 15:30:00

Intersection: Jane St & 9100 Jane St Access
Site ID: 1936600147
Count Date: Nov 16, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1047	1103	2150
	64	90	154
	5	7	12
	0	0	0
Totals	1116	1200	2316

Jane St

	0	0	0	0
	0	5	0	0
	0	64	0	0
	50	997	0	0
Totals	50	1066	0	0

East Approach

	Out	In	Total
	0	0	0
	1	0	1
	0	0	0
	0	0	0
Totals	1	0	1

9100 Jane St Access

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	3	52	55

Peds: 0



Peds: 3

Peds: 1

Peds: 0

Commercial Access

Totals				
0	0	0	0	0
1	0	1	0	0
0	0	0	0	0
0	0	0	0	0

West Approach

	Out	In	Total
	52	50	102
	3	0	3
	0	0	0
	0	0	0
Totals	55	50	105

Totals				
0	1199	0	0	0
	0	1103	0	0
	0	89	0	0
	0	7	0	0
	0	0	0	0

Jane St

South Approach

	Out	In	Total
	1103	1049	2152
	89	67	156
	7	5	12
	0	0	0
Totals	1199	1121	2320

- Cars

- Trucks

- Buses

- Bicycles

Comments



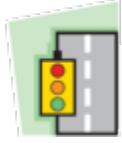
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Jane St & 9100 Jane St Access
Count Date: Nov 16, 2019
Period: 14:00 - 19:00

Peak Hour Data (14:30 - 15:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach Commercial Access						West Approach 9100 Jane St Access						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
14:30	0	279	15	0	0	294	0	299	0	0	0	299	0	0	1	0	0	1	0	0	16	0	1	16	610
14:45	0	257	11	0	0	268	0	282	0	0	0	282	0	0	0	0	0	0	0	0	10	0	0	10	560
15:00	0	282	10	0	0	292	0	302	0	0	0	302	0	0	0	0	0	0	0	0	15	0	2	15	609
15:15	0	248	14	0	0	262	0	316	0	0	0	316	0	0	0	0	1	0	0	0	14	0	0	14	592
Grand Total	0	1066	50	0	0	1116	0	1199	0	0	0	1199	0	0	1	0	1	1	0	0	55	0	3	55	2371
Approach %	0	95.5	4.5	0	-	-	0	100	0	0	-	-	0	0	100	0	-	-	0	0	100	0	-	-	-
Totals %	0	45	2.1	0	-	47.1	0	50.6	0	0	-	50.6	0	0	0	0	-	0	0	0	2.3	0	-	2.3	-
PHF	0	0.95	0.83	0	0	0.95	0	0.95	0	0	0	0.95	0	0	0.25	0	0	0.25	0	0	0.86	0	0	0.86	0.97
Cars	0	997	50	0	-	1047	0	1103	0	0	-	1103	0	0	0	0	-	0	0	0	52	0	-	52	2202
% Cars	0	93.5	100	0	-	93.8	0	92	0	0	-	92	0	0	0	0	-	0	0	0	94.5	0	-	94.5	92.9
Trucks	0	64	0	0	-	64	0	89	0	0	-	89	0	0	1	0	-	1	0	0	3	0	-	3	157
% Trucks	0	6	0	0	-	5.7	0	7.4	0	0	-	7.4	0	0	100	0	-	100	0	0	5.5	0	-	5.5	6.6
Buses	0	5	0	0	-	5	0	7	0	0	-	7	0	0	0	0	-	0	0	0	0	0	-	0	12
% Buses	0	0.5	0	0	-	0.4	0	0.6	0	0	-	0.6	0	0	0	0	-	0	0	0	0	0	-	0	0.5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	3	-	4
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	25	-	-	-	-	-	75	-	-



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TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

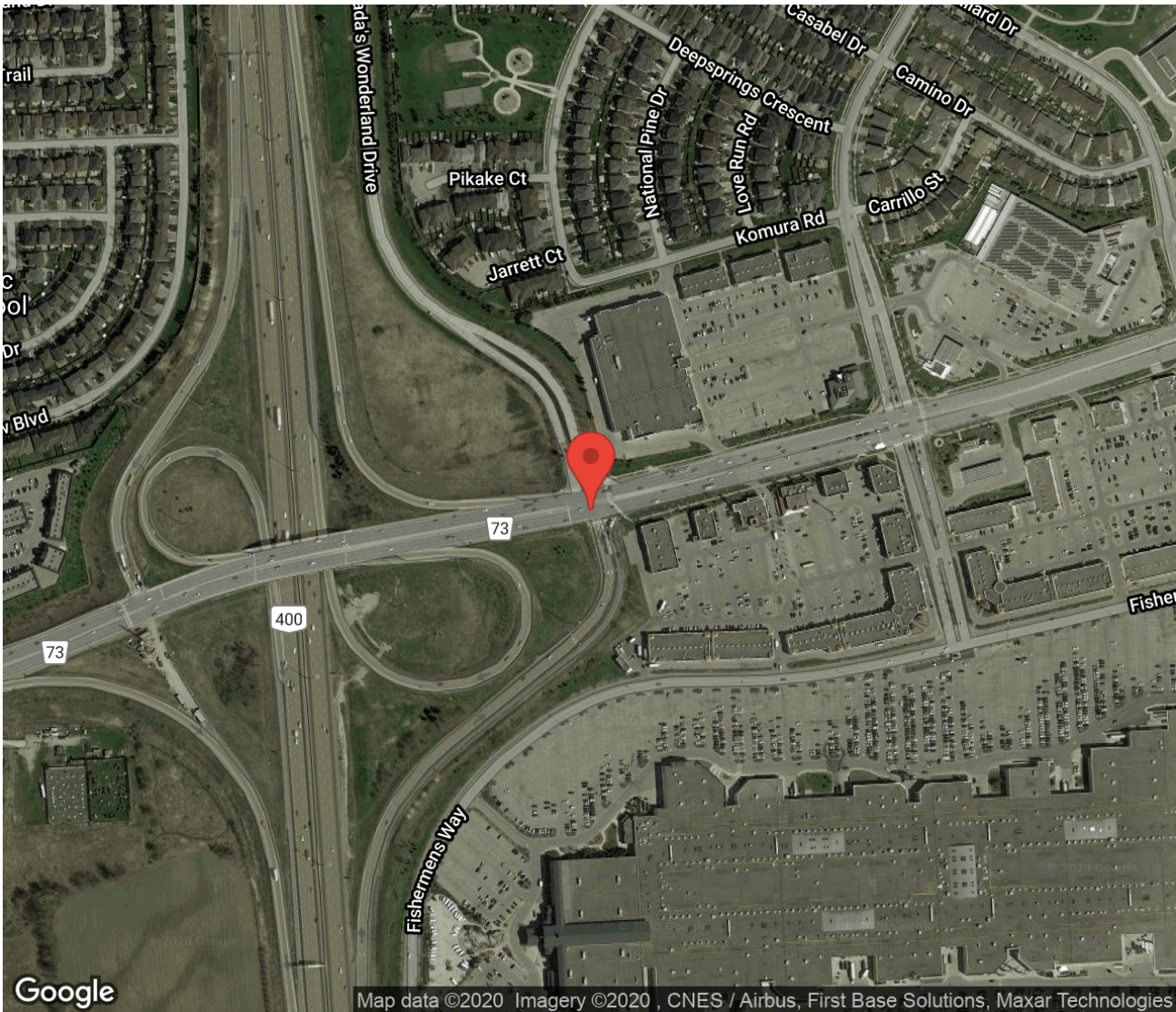
Intersection Count Report

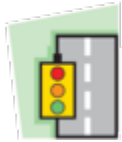
Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019
Site Code: 1936600150
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

Traffic Count Map



Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-
Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-
Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

Canada's Wonderland Dr - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	0	0	0	1	244	0	601	0	845	1
08:00 - 09:00	0	0	1	0	1	3	284	0	627	0	911	2
09:00 - 10:00	2	0	3	0	5	6	264	0	562	0	826	1
BREAK												
14:00 - 15:00	0	0	0	0	0	3	585	0	651	0	1236	5
15:00 - 16:00	1	0	2	0	3	3	770	0	632	0	1402	3
16:00 - 17:00	0	0	1	0	1	2	809	0	464	0	1273	8
17:00 - 18:00	0	0	0	0	0	0	800	0	532	0	1332	0
18:00 - 19:00	1	0	1	0	2	0	972	0	690	0	1662	3
GRAND TOTAL	4	0	8	0	12	18	4728	0	4759	0	9487	23

Traffic Count Summary



Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-
Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

Rutherford Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	2177	1	0	2178	0	0	1569	0	2	1571	0
08:00 - 09:00	0	2024	1	0	2025	1	0	1897	0	1	1898	0
09:00 - 10:00	0	1376	3	1	1380	1	0	1707	0	2	1709	0
BREAK												
14:00 - 15:00	0	2343	0	2	2345	1	0	1233	0	0	1233	0
15:00 - 16:00	0	2902	2	0	2904	4	0	1284	0	0	1284	0
16:00 - 17:00	0	2982	2	2	2986	5	0	1325	0	2	1327	0
17:00 - 18:00	0	3094	0	0	3094	0	0	1226	0	0	1226	0
18:00 - 19:00	0	2941	0	0	2941	0	0	1249	0	2	1251	0
GRAND TOTAL	0	19839	9	5	19853	12	0	11490	0	9	11499	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	4	0	8	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18





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TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

South Approach - Hwy 400 NB Off Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total		
07:00	49	0	88	0	137	8	0	22	0	30	0	0	0	0	0	0	0	0	0	0	0	0
07:15	55	0	129	0	184	8	0	20	0	28	1	0	0	0	1	0	0	0	0	0	0	0
07:30	59	0	143	0	202	4	0	23	0	27	1	0	0	0	1	0	0	0	0	0	0	1
07:45	53	0	147	0	200	6	0	29	0	35	0	0	0	0	0	0	0	0	0	0	0	0
08:00	67	0	111	0	178	8	0	17	0	25	0	0	0	0	0	0	0	0	0	0	0	0
08:15	57	0	151	0	208	6	0	22	0	28	0	0	0	0	0	0	0	0	0	0	0	2
08:30	69	0	140	0	209	8	0	29	0	37	0	0	0	0	0	0	0	0	0	0	0	0
08:45	61	0	137	0	198	8	0	20	0	28	0	0	0	0	0	0	0	0	0	0	0	0
09:00	58	0	110	0	168	7	0	26	0	33	0	0	0	0	0	0	0	0	0	0	0	0
09:15	52	0	118	0	170	12	0	38	0	50	0	0	0	0	0	0	0	0	0	0	0	1
09:30	53	0	112	0	165	14	0	23	0	37	0	0	0	0	0	0	0	0	0	0	0	0
09:45	61	0	116	0	177	7	0	19	0	26	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	694	0	1502	0	2196	96	0	288	0	384	2	0	0	0	2	0	0	0	0	0	0	4

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds				
	↶	↑	↷	↶		↷	↶	↑	↷		↶	↷	↶	↑			↷	↶		
GRAND TOTAL	4345	0	4163	0	8508	378	0	595	0	973	5	0	1	0	6	0	0	0	0	23





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	423	0	0	423	0	53	0	0	53	0	5	0	0	5	0	0	0	0	0	0
07:15	0	488	0	0	488	0	56	0	0	56	0	6	0	0	6	0	0	0	0	0	0
07:30	0	512	0	0	512	0	73	0	0	73	0	6	0	0	6	0	0	0	0	0	0
07:45	0	479	0	0	479	0	71	1	0	72	0	5	0	0	5	0	0	0	0	0	0
08:00	0	473	0	0	473	0	63	1	0	64	0	0	0	0	0	0	0	0	0	0	0
08:15	0	458	0	0	458	0	64	0	0	64	0	4	0	0	4	0	0	0	0	0	0
08:30	0	459	0	0	459	0	59	0	0	59	0	2	0	0	2	0	0	0	0	0	0
08:45	0	378	0	0	378	0	60	0	0	60	0	4	0	0	4	0	0	0	0	0	1
09:00	0	277	1	0	278	0	45	0	0	45	0	0	0	0	0	0	0	0	0	0	0
09:15	0	293	0	0	293	0	54	0	0	54	0	8	0	0	8	0	0	0	0	0	0
09:30	0	281	0	1	282	0	65	0	0	65	0	3	0	0	3	0	0	0	0	0	1
09:45	0	283	2	0	285	0	64	0	0	64	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	0	4804	3	1	4808	0	727	2	0	729	0	46	0	0	46	0	0	0	0	0	2



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	482	0	1	483	0	70	0	0	70	0	3	0	0	3	0	0	0	0	0	0
14:15	0	520	0	1	521	0	61	0	0	61	0	1	0	0	1	0	0	0	0	0	0
14:30	0	526	0	0	526	0	68	0	0	68	0	7	0	0	7	0	0	0	0	0	1
14:45	0	510	0	0	510	0	90	0	0	90	0	5	0	0	5	0	0	0	0	0	0
15:00	0	662	1	0	663	0	80	0	0	80	0	5	0	0	5	0	0	0	0	0	2
15:15	0	655	0	0	655	0	82	0	0	82	0	1	0	0	1	0	0	0	0	0	2
15:30	0	628	1	0	629	0	77	0	0	77	0	2	0	0	2	0	0	0	0	0	0
15:45	0	633	0	0	633	0	74	0	0	74	0	3	0	0	3	0	0	0	0	0	0
16:00	0	676	0	0	676	0	73	0	0	73	0	3	0	0	3	0	0	0	0	0	0
16:15	0	714	1	1	716	0	75	1	0	76	0	5	0	0	5	0	0	0	0	0	0
16:30	0	677	0	0	677	0	72	0	0	72	0	1	0	0	1	0	0	0	0	0	1
16:45	0	628	0	1	629	0	57	0	0	57	0	1	0	0	1	0	0	0	0	0	4
17:00	0	653	0	0	653	0	48	0	0	48	0	1	0	0	1	0	0	0	0	0	0
17:15	0	785	0	0	785	0	36	0	0	36	0	1	0	0	1	0	0	0	0	0	0
17:30	0	759	0	0	759	0	16	0	0	16	0	3	0	0	3	0	0	0	0	0	0
17:45	0	764	0	0	764	0	25	0	0	25	0	3	0	0	3	0	0	0	0	0	0
18:00	0	746	0	0	746	0	12	0	0	12	0	3	0	0	3	0	0	0	0	0	0
18:15	0	735	0	0	735	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
18:30	0	741	0	0	741	0	16	0	0	16	0	2	0	0	2	0	0	0	0	0	0
18:45	0	661	0	0	661	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	13155	3	4	13162	0	1056	1	0	1057	0	51	0	0	51	0	0	0	0	0	10

Start Time	Cars				Trucks				Buses				Bicycles				Total Peds				
	↶	↑	↷	↶	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑		↷	↶	Total	
GRAND TOTAL	0	17959	6	5	17970	0	1783	3	0	1786	0	97	0	0	97	0	0	0	0	0	12





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	315	0	0	315	0	39	0	0	39	0	8	0	0	8	0	0	0	0	0	0
07:15	0	359	0	0	359	0	31	0	0	31	0	1	0	0	1	0	0	0	0	0	0
07:30	0	367	0	0	367	0	31	0	1	32	0	10	0	0	10	0	0	0	0	0	0
07:45	0	372	0	1	373	0	32	0	0	32	0	4	0	0	4	0	0	0	0	0	0
08:00	0	440	0	1	441	0	43	0	0	43	0	4	0	0	4	0	0	0	0	0	0
08:15	0	460	0	0	460	0	47	0	0	47	0	2	0	0	2	0	0	0	0	0	0
08:30	0	420	0	0	420	0	40	0	0	40	0	2	0	0	2	0	0	0	0	0	0
08:45	0	385	0	0	385	0	47	0	0	47	0	7	0	0	7	0	0	0	0	0	0
09:00	0	412	0	1	413	0	51	0	0	51	0	2	0	0	2	0	1	0	0	1	0
09:15	0	366	0	0	366	0	49	0	0	49	0	2	0	0	2	0	0	0	0	0	0
09:30	0	337	0	0	337	0	52	0	1	53	0	4	0	0	4	0	0	0	0	0	0
09:45	0	380	0	0	380	0	51	0	0	51	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	4613	0	3	4616	0	513	0	2	515	0	46	0	0	46	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 19, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	307	0	0	307	0	47	0	0	47	0	3	0	0	3	0	0	0	0	0	0
14:15	0	248	0	0	248	0	43	0	0	43	0	3	0	0	3	0	0	0	0	0	0
14:30	0	227	0	0	227	0	52	0	0	52	0	3	0	0	3	0	0	0	0	0	0
14:45	0	259	0	0	259	0	38	0	0	38	0	3	0	0	3	0	0	0	0	0	0
15:00	0	250	0	0	250	0	35	0	0	35	0	1	0	0	1	0	0	0	0	0	0
15:15	0	271	0	0	271	0	40	0	0	40	0	1	0	0	1	0	0	0	0	0	0
15:30	0	291	0	0	291	0	29	0	0	29	0	2	0	0	2	0	0	0	0	0	0
15:45	0	319	0	0	319	0	42	0	0	42	0	3	0	0	3	0	0	0	0	0	0
16:00	0	246	0	1	247	0	38	0	0	38	0	3	0	0	3	0	0	0	0	0	0
16:15	0	291	0	0	291	0	32	0	0	32	0	2	0	0	2	0	0	0	0	0	0
16:30	0	298	0	0	298	0	25	0	0	25	0	3	0	0	3	0	0	0	0	0	0
16:45	0	373	0	1	374	0	12	0	0	12	0	2	0	0	2	0	0	0	0	0	0
17:00	0	315	0	0	315	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
17:15	0	298	0	0	298	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
17:30	0	312	0	0	312	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
17:45	0	251	0	0	251	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
18:00	0	293	0	1	294	0	15	0	0	15	0	2	0	0	2	0	0	0	0	0	0
18:15	0	307	0	1	308	0	17	0	0	17	0	2	0	0	2	0	0	0	0	0	0
18:30	0	294	0	0	294	0	2	0	0	2	0	3	0	0	3	0	0	0	0	0	0
18:45	0	307	0	0	307	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	5757	0	4	5761	0	521	0	0	521	0	39	0	0	39	0	0	0	0	0	0

Start Time	Cars				Total	Trucks				Total	Buses				Total	Total Peds				
	↶	↑	↷	↻		↶	↑	↷	↻		↶	↑	↷	↻						
GRAND TOTAL	0	10370	0	7	10377	0	1034	0	2	1036	0	85	0	0	85	0	1	0	1	0





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Site ID: 1936600150
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	0	0	0
	0	2	2
	0	0	0
	0	0	0
Totals	0	2	2

Canada's Wonderland Dr

	0	0	0
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

East Approach

	Out	In	Total
	1922	2191	4113
	273	244	517
	15	20	35
	0	0	0
Totals	2210	2455	4665

Rutherford Rd

				Totals
0	0	1	2	3
0	0	0	0	0
0	20	153	1639	1812

Peds: 1

Peds: 0



Peds: 0

Rutherford Rd

Totals				
0	0	0	0	0
2	0	2	0	0
2208	1922	271	15	0

Peds: 3

West Approach

	Out	In	Total
	1641	2160	3801
	154	296	450
	20	16	36
	0	0	0
Totals	1815	2472	4287

Totals			
261	0	643	0
	236	0	552
	24	0	91
	1	0	0
	0	0	0

Hwy 400 NB Off Ramp

South Approach

	Out	In	Total
	788	0	788
	115	0	115
	1	0	1
	0	0	0
Totals	904	0	904

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
 Count Date: Nov 19, 2019
 Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Canada's Wonderland Dr						South Approach Hwy 400 NB Off Ramp						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	0		0	0	0	0	64	0	166		1	230		591	0	0	0	591	0	408		1	0	409	1230
07:45	0		0	0	0	0	59	0	176		0	235		555	1	0	0	556	0	408		1	0	409	1200
08:00	0		0	0	1	0	75	0	128		0	203		536	1	0	0	537	0	487		1	0	488	1228
08:15	0		0	0	0	0	63	0	173		2	236		526	0	0	0	526	0	509		0	0	509	1271
Grand Total	0	0	0	1	0	0	261	0	643	3	904	0	2208	2	0	0	2210	0	1812	3	0	1815	4929		
Approach %	0	0	0	-	-	-	28.9	0	71.1	-	-	-	99.9	0.1	0	-	-	-	0	99.8	0.2	-	-	-	
Totals %	0	0	0	0	0	0	5.3	0	13	0	18.3	0	44.8	0	0	0	44.8	0	36.8	0	0.1	0	36.8	0	
PHF	0	0	0	0	0	0	0.87	0	0.91	0.96	0.96	0.93	0.93	0.5	0	0.93	0.93	0	0.89	0.75	0.89	0.89	0.97	0.97	
Cars	0	0	0	0	0	0	236	0	552	788	788	788	1922	0	0	0	1922	0	1639	2	0	0	1641	4351	
% Cars	0	0	0	0	0	0	90.4	0	85.8	87.2	87.2	87.2	87	0	0	0	87	0	90.5	66.7	0	0	90.4	88.3	
Trucks	0	0	0	0	0	0	24	0	91	115	115	115	271	2	0	0	273	0	153	1	0	0	154	542	
% Trucks	0	0	0	0	0	0	9.2	0	14.2	12.7	12.7	12.7	12.3	100	0	12.4	12.4	0	8.4	33.3	0	0	8.5	11	
Buses	0	0	0	0	0	0	1	0	0	1	1	1	15	0	0	0	15	0	20	0	0	0	20	36	
% Buses	0	0	0	0	0	0	0.4	0	0	0.1	0.1	0.1	0.7	0	0	0.7	0.7	0	1.1	0	0	0	1.1	0.7	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Peds					1	-				3	-						0	-			0	-		4	
% Peds					25	-				75	-						0	-			0	-			



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 18:00:00
To: 19:00:00

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Site ID: 1936600150
Count Date: Nov 19, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	2	0	2
	0	0	0
	0	0	0
	0	0	0
Totals	2	0	2

Canada's Wonderland Dr

	0	0	0
	0	0	0
	0	0	0
	1	1	0
Totals	1	1	0

East Approach

	Out	In	Total
	2883	1856	4739
	52	76	128
	6	8	14
	0	0	0
Totals	2941	1940	4881

Rutherford Rd

				Totals
0	0	0	2	2
0	0	0	0	0
0	8	40	1201	1249

Peds: 0



Peds: 0

Peds: 0

Rutherford Rd

Totals				
0	0	0	0	0
0	0	0	0	0
2941	2883	52	6	0

Peds: 3

West Approach

	Out	In	Total
	1203	3811	5014
	40	99	139
	8	6	14
	0	0	0
Totals	1251	3916	5167

Totals			
972	925	0	654
0	47	0	36
0	0	0	0
0	0	0	0

Hwy 400 NB Off Ramp

South Approach

	Out	In	Total
	1579	0	1579
	83	0	83
	0	0	0
	0	0	0
Totals	1662	0	1662

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
 Count Date: Nov 19, 2019
 Period: 14:00 - 19:00

Peak Hour Data (18:00 - 19:00)

Start Time	North Approach Canada's Wonderland Dr						South Approach Hwy 400 NB Off Ramp						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehic es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
18:00	1		1	0	0	2	237	0	165		0	402		761	0	0	0	761	0	310		1	0	311	1476
18:15	0		0	0	0	0	235	0	157		0	392		751	0	0	0	751	0	326		1	0	327	1470
18:30	0		0	0	0	0	265	0	182		1	447		759	0	0	0	759	0	299		0	0	299	1505
18:45	0		0	0	0	0	235	0	186		2	421		670	0	0	0	670	0	314		0	0	314	1405
Grand Total	1		1	0	0	2	972	0	690		3	1662		2941	0	0	0	2941	0	1249		2	0	1251	5856
Approach %	50		50	0		-	58.5	0	41.5		-	-		100	0	0	-	-	0	99.8		0.2		-	-
Totals %	0		0	0		0	16.6	0	11.8		28.4		50.2	0	0	50.2		50.2	0	21.3		0		21.4	
PHF	0.25		0.25	0		0.25	0.92	0	0.93		0.93		0.97	0	0	0.97		0.97	0	0.96		0.5		0.96	0.97
Cars	1		1	0		2	925	0	654		1579		2883	0	0	2883		2883	0	1201		2		1203	5667
% Cars	100		100	0		100	95.2	0	94.8		95		98	0	0	98		98	0	96.2		100		96.2	96.8
Trucks	0		0	0		0	47	0	36		83		52	0	0	52		52	0	40		0		40	175
% Trucks	0		0	0		0	4.8	0	5.2		5		1.8	0	0	1.8		1.8	0	3.2		0		3.2	3
Buses	0		0	0		0	0	0	0		0		6	0	0	6		6	0	8		0		8	14
% Buses	0		0	0		0	0	0	0		0		0.2	0	0	0.2		0.2	0	0.6		0		0.6	0.2
Bicycles	0		0	0		0	0	0	0		0		0	0	0	0		0	0	0		0		0	0
% Bicycles	0		0	0		0	0	0	0		0		0	0	0	0		0	0	0		0		0	0
Peds						0					3					0		0				0		0	3
% Peds						0					100					0		0				0		0	-



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

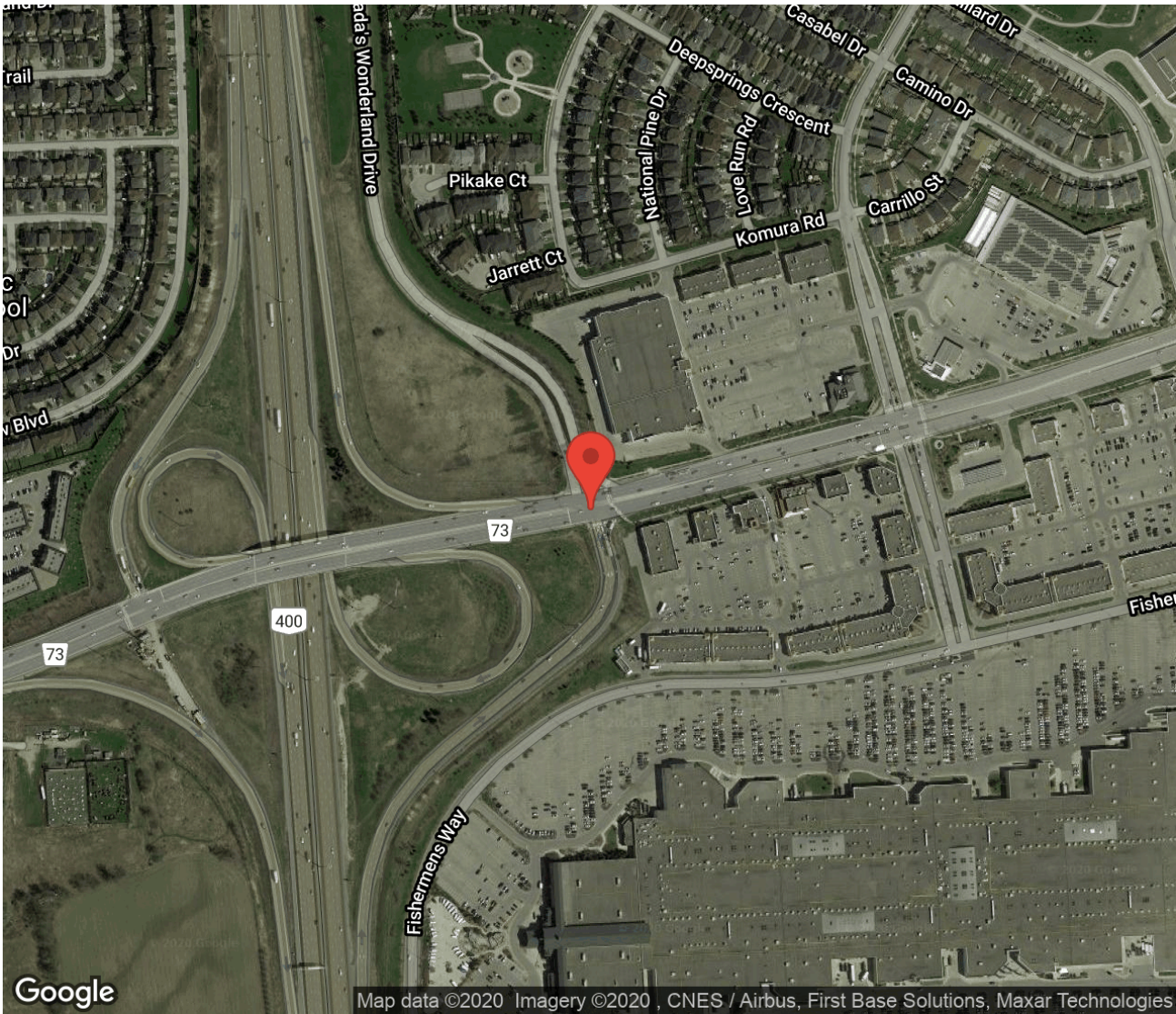
Intersection Count Report

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019
Site Code: 1936600151
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear

Traffic Count Map



Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-
Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019



Traffic Count Summary



Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-
Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

Canada's Wonderland Dr - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	3	0	0	0	3	1	424	0	702	0	1126	4
12:00 - 13:00	2	0	0	0	2	1	523	0	659	0	1182	4
13:00 - 14:00	1	0	0	0	1	0	467	0	649	0	1116	2
14:00 - 15:00	1	0	5	0	6	0	568	1	660	0	1229	3
15:00 - 16:00	0	0	2	0	2	2	568	0	702	0	1270	3
16:00 - 17:00	2	0	1	0	3	4	617	1	661	0	1279	4
17:00 - 18:00	1	0	2	0	3	0	603	0	675	0	1278	2
18:00 - 19:00	0	0	2	0	2	0	618	0	692	0	1310	4
GRAND TOTAL	10	0	12	0	22	8	4388	2	5400	0	9790	26

Traffic Count Summary



Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-
Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

Rutherford Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals						
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
11:00 - 12:00	0	2094	1	0	2095	1	0	1790	0	1	1791	0	
12:00 - 13:00	0	2310	1	0	2311	0	0	1852	0	0	1852	0	
13:00 - 14:00	0	2490	1	0	2491	0	0	1938	0	3	1941	0	
14:00 - 15:00	0	2357	4	0	2361	0	0	1833	0	2	1835	0	
15:00 - 16:00	0	2603	1	0	2604	2	0	1642	0	1	1643	0	
16:00 - 17:00	0	2446	2	0	2448	0	0	1701	0	0	1701	0	
17:00 - 18:00	0	2578	2	0	2580	1	0	1677	0	1	1678	0	
18:00 - 19:00	0	2399	2	0	2401	1	0	1608	0	0	1608	0	
GRAND TOTAL	0	1927	14	0	1929	5	0	1404	1	0	8	1404	9



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

South Approach - Hwy 400 NB Off Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	121	1	152	0	274	11	0	11	0	22	0	0	0	0	0	0	0	0	0	0	3
16:30	135	0	143	0	278	14	0	15	0	29	0	0	0	0	0	0	0	0	0	0	1
16:45	167	0	163	0	330	10	0	9	0	19	0	0	0	0	0	0	0	0	0	0	0
17:00	109	0	137	0	246	12	0	12	0	24	0	0	0	0	0	0	0	0	0	0	2
17:15	166	0	151	0	317	6	0	8	0	14	1	0	0	0	1	0	0	0	0	0	0
17:30	170	0	185	0	355	4	0	12	0	16	0	0	0	0	0	0	0	0	0	0	0
17:45	132	0	161	0	293	3	0	9	0	12	0	0	0	0	0	0	0	0	0	0	0
18:00	155	0	184	0	339	4	0	7	0	11	0	0	0	0	0	0	0	0	0	0	4
18:15	165	0	166	0	331	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	0
18:30	151	0	162	0	313	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	0
18:45	132	0	159	0	291	5	0	8	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4092	2	4995	0	9089	294	0	404	0	698	2	0	1	0	3	0	0	0	0	0	26
GRAND TOTAL	4092	2	4995	0	9089	294	0	404	0	698	2	0	1	0	3	0	0	0	0	0	26



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	569	1	0	570	0	31	0	0	31	0	2	0	0	2	0	0	0	0	0	0
16:30	0	570	1	0	571	0	29	0	0	29	0	0	0	0	0	0	0	0	0	0	0
16:45	0	555	0	0	555	0	33	0	0	33	0	1	0	0	1	0	0	0	0	0	0
17:00	0	651	1	0	652	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	1
17:15	0	598	1	0	599	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
17:30	0	617	0	0	617	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
17:45	0	649	0	0	649	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
18:00	0	616	0	0	616	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	1
18:15	0	603	0	0	603	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
18:30	0	601	0	0	601	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
18:45	0	524	2	0	526	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	18128	14	0	18142	0	1121	0	0	1121	0	28	0	0	28	0	0	0	0	0	5
GRAND TOTAL	0	18128	14	0	18142	0	1121	0	0	1121	0	28	0	0	28	0	0	0	0	0	5



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	376	0	1	377	0	28	0	0	28	0	0	0	0	0	0	0	0	0	0	0
11:15	0	441	0	0	441	0	26	0	0	26	0	1	0	0	1	0	0	0	0	0	0
11:30	0	423	0	0	423	0	36	0	0	36	0	1	0	0	1	0	0	0	0	0	0
11:45	0	427	0	0	427	0	30	0	0	30	0	1	0	0	1	0	0	0	0	0	0
12:00	0	462	0	0	462	0	32	0	0	32	0	0	0	0	0	0	0	0	0	0	0
12:15	0	390	0	0	390	0	23	0	0	23	0	3	0	0	3	0	0	0	0	0	0
12:30	0	489	0	0	489	0	21	0	0	21	0	0	0	0	0	0	0	0	0	0	0
12:45	0	407	0	0	407	0	24	0	0	24	0	1	0	0	1	0	0	0	0	0	0
13:00	0	480	0	2	482	0	31	0	0	31	0	0	0	0	0	0	0	0	0	0	0
13:15	0	415	0	0	415	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
13:30	0	440	0	1	441	0	32	0	0	32	0	0	0	0	0	0	1	0	0	1	0
13:45	0	472	0	0	472	0	39	0	0	39	0	1	0	0	1	0	0	0	0	0	0
14:00	0	411	0	0	411	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
14:15	0	439	0	0	439	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
14:30	0	396	0	1	397	0	25	0	0	25	0	0	0	0	0	0	0	0	0	0	0
14:45	0	488	0	1	489	0	41	0	0	41	0	1	0	0	1	0	0	0	0	0	0
15:00	0	396	0	0	396	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
15:15	0	426	0	0	426	0	25	0	0	25	0	0	0	0	0	0	0	0	0	0	0
15:30	0	385	0	0	385	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
15:45	0	362	0	1	363	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
16:00	0	415	0	0	415	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Municipality: Vaughan
Count Date: Nov 16, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	414	0	0	414	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
16:30	0	404	0	0	404	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
16:45	0	399	0	0	399	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
17:00	0	419	0	0	419	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
17:15	0	407	0	0	407	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
17:30	0	376	0	1	377	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:45	0	435	0	0	435	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
18:00	0	398	0	0	398	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	437	0	0	437	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
18:30	0	375	0	0	375	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
18:45	0	374	0	0	374	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	13378	0	8	13386	0	638	0	0	638	0	24	0	0	24	0	1	0	0	1	0
GRAND TOTAL	0	13378	0	8	13386	0	638	0	0	638	0	24	0	0	24	0	1	0	0	1	0



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 13:00:00
To: 14:00:00

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Site ID: 1936600151
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	1	1	2
	0	0	0
	0	0	0
	0	0	0
Totals	1	1	2

Canada's Wonderland Dr

	0	0	0
	0	0	0
	0	0	0
	0	1	0
Totals	0	1	0

East Approach

	Out	In	Total
	2297	2402	4699
	190	182	372
	4	3	7
	0	1	1
Totals	2491	2588	5079

Rutherford Rd

				Totals
0	0	0	3	3
0	0	0	0	0
1	3	127	1807	1938

Peds: 0



Peds: 0

Peds: 0

Rutherford Rd

Totals				
0	0	0	0	0
1	1	0	0	0
2490	2296	190	4	0

Peds: 2

West Approach

	Out	In	Total
	1810	2734	4544
	127	222	349
	3	4	7
	1	0	1
Totals	1941	2960	4901

Totals			
467	0	0	649
	435	0	594
	32	0	55
	0	0	0
	0	0	0

Hwy 400 NB Off Ramp

South Approach

	Out	In	Total
	1029	0	1029
	87	0	87
	0	0	0
	0	0	0
Totals	1116	0	1116

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
 Count Date: Nov 16, 2019
 Period: 11:00 - 14:00

Peak Hour Data (13:00 - 14:00)

Start Time	North Approach Canada's Wonderland Dr						South Approach Hwy 400 NB Off Ramp						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
13:00	0		0	0	0	0	104	0	172		0	276		600	0	0	0	600	0	511		2	0	513	1389
13:15	0		0	0	0	0	124	0	139		0	263		612	0	0	0	612	0	442		0	0	442	1317
13:30	1		0	0	0	1	113	0	175		1	288		642	1	0	0	643	0	473		1	0	474	1406
13:45	0		0	0	0	0	126	0	163		1	289		636	0	0	0	636	0	512		0	0	512	1437
Grand Total	1	0	0	0	0	1	467	0	649	2	1116		2490	1	0	0	2491	0	1938	3	0	1941	5549		
Approach %	100	0	0	-	-	-	41.8	0	58.2	-	-	-	100	0	0	-	-	-	0	99.8	0.2	-	-	-	
Totals %	0	0	0	0	0	0	8.4	0	11.7	20.1	20.1	20.1	44.9	0	0	0	44.9	44.9	0	34.9	0.1	0.1	35	35	
PHF	0.25	0	0	0	0	0.25	0.93	0	0.93	0.97	0.97	0.97	0.97	0.25	0	0	0.97	0.97	0	0.95	0.38	0.38	0.95	0.97	
Cars	1	0	0	0	0	1	435	0	594	0	1029	1029	2296	1	0	0	2297	2297	0	1807	3	0	3	1810	5137
% Cars	100	0	0	0	0	100	93.1	0	91.5	0	92.2	92.2	92.2	100	0	0	92.2	92.2	0	93.2	100	0	0	93.3	92.6
Trucks	0	0	0	0	0	0	32	0	55	0	87	87	190	0	0	0	190	190	0	127	0	0	0	127	404
% Trucks	0	0	0	0	0	0	6.9	0	8.5	0	7.8	7.8	7.6	0	0	0	7.6	7.6	0	6.6	0	0	0	6.5	7.3
Buses	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	4	0	3	0	0	0	3	7
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0.2	0.2	0	0.2	0	0	0	0.2	0.1
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0.1	0
Peds					0	-				2	-	-					0	-			0	-	-	2	2
% Peds					0	-				100	-	-					0	-			0	-	-	2	2



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:45:00
To: 15:45:00

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
Site ID: 1936600151
Count Date: Nov 16, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	2	1	3
	0	0	0
	0	0	0
	0	0	0
Totals	2	1	3

Canada's Wonderland Dr

	0	0	0
	0	0	0
	0	0	0
	2	0	0
Totals	2	0	0

East Approach

	Out	In	Total
	2370	2340	4710
	168	134	302
	4	4	8
	0	0	0
Totals	2542	2478	5020

Rutherford Rd

				Totals
0	0	0	1	1
0	0	0	0	0
0	4	91	1695	1790

Peds: 1

Peds: 0



Peds: 2

Rutherford Rd

Totals				
0	0	0	0	0
1	1	0	0	0
2541	2369	168	4	0

Peds: 2

West Approach

	Out	In	Total
	1696	2883	4579
	91	218	309
	4	4	8
	0	0	0
Totals	1791	3105	4896

Totals				
561	511	0	0	645
0	50	0	0	43
0	0	0	0	0
0	0	0	0	0

Hwy 400 NB Off Ramp

South Approach

	Out	In	Total
	1156	0	1156
	93	0	93
	0	0	0
	0	0	0
Totals	1249	0	1249

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 NB Off Ramp-Canada's Wonderland Dr
 Count Date: Nov 16, 2019
 Period: 14:00 - 19:00

Peak Hour Data (14:45 - 15:45)

Start Time	North Approach Canada's Wonderland Dr						South Approach Hwy 400 NB Off Ramp						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
14:45	0		0	0	0	0	149	0	163		0	312		613	0	0	0	613	0	530		1	0	531	1456
15:00	0		0	0	1	0	132	0	174		0	306		665	0	0	0	665	0	411		0	0	411	1382
15:15	0		1	0	0	1	114	0	161		2	275		678	1	0	1	679	0	451		0	0	451	1406
15:30	0		1	0	0	1	166	0	190		0	356		585	0	0	1	585	0	398		0	0	398	1340
Grand Total	0	2	0	1	2	561	0	688	2	1249	2541	1	0	2	2542	0	1790	1	0	1791	5584				
Approach %	0	100	0	-	-	44.9	0	55.1	-	-	100	0	0	-	-	0	99.9	0.1	-	-					
Totals %	0	0	0	0	0	10	0	12.3	22.4	45.5	0	0	45.5	0	32.1	0	32.1								
PHF	0	0.5	0	0.5	0.84	0	0.91	0.88	0.94	0.25	0	0.94	0	0.84	0.25	0.84	0.96								
Cars	0	2	0	2	511	0	645	1156	2369	1	0	2370	0	1695	1	1696	5224								
% Cars	0	100	0	100	91.1	0	93.8	92.6	93.2	100	0	93.2	0	94.7	100	94.7	93.6								
Trucks	0	0	0	0	50	0	43	93	168	0	0	168	0	91	0	91	352								
% Trucks	0	0	0	0	8.9	0	6.3	7.4	6.6	0	0	6.6	0	5.1	0	5.1	6.3								
Buses	0	0	0	0	0	0	0	0	4	0	0	4	0	4	0	4	8								
% Buses	0	0	0	0	0	0	0	0	0.2	0	0	0.2	0	0.2	0	0.2	0.1								
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Peds				1	-			2	-			2	-			0	-	5							
% Peds				20	-			40	-			40	-			0	-								



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019
Site Code: 1936600152
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

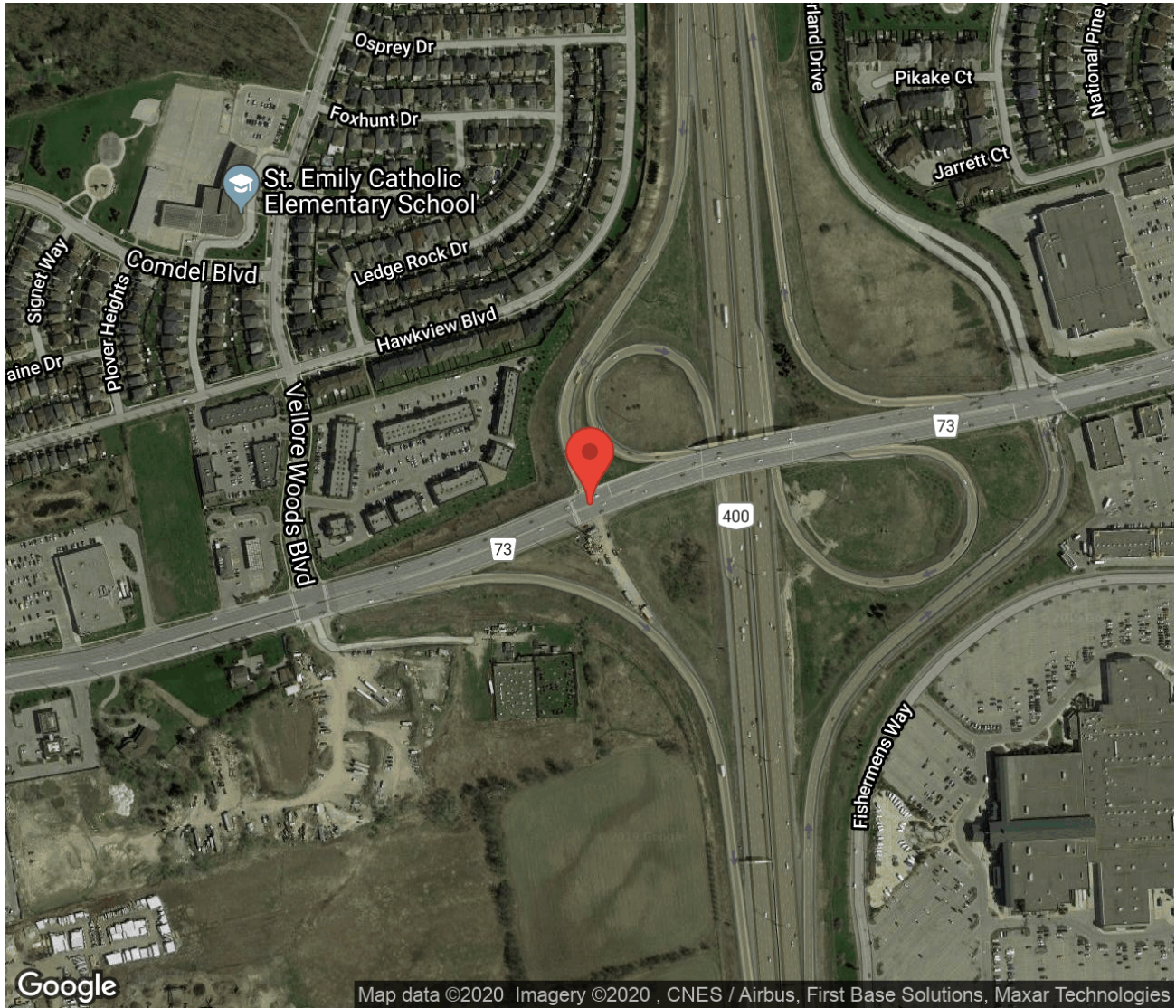


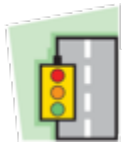
Traffic Count Map

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp

Municipality: Vaughan

Count Date: Nov 21, 2019



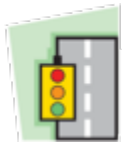


Traffic Count Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

Hwy 400 SB Off-Ramp - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	267	0	50	0	317	0	3	0	3	0	6	0
08:00 - 09:00	362	1	63	0	426	3	1	0	3	0	4	0
09:00 - 10:00	364	0	94	0	458	0	7	0	5	0	12	0
BREAK												
14:00 - 15:00	314	2	171	0	487	4	0	0	2	0	2	0
15:00 - 16:00	282	0	173	0	455	1	0	0	0	0	0	0
16:00 - 17:00	300	0	149	0	449	1	4	0	3	0	7	0
17:00 - 18:00	288	2	163	0	453	0	0	0	3	0	3	0
18:00 - 19:00	261	0	154	0	415	3	0	0	0	0	0	0
GRAND TOTAL	2438	5	1017	0	3460	12	15	0	19	0	34	0



Traffic Count Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

Rutherford Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	868	0	0	868	0	0	1564	2	0	1566	1
08:00 - 09:00	1	982	0	0	983	0	0	1616	1	0	1617	0
09:00 - 10:00	0	834	0	1	835	0	0	1329	1	0	1330	2
BREAK												
14:00 - 15:00	0	1686	0	0	1686	0	0	1231	0	0	1231	0
15:00 - 16:00	0	2045	0	0	2045	0	0	1246	5	0	1251	3
16:00 - 17:00	0	2182	0	0	2182	0	0	1337	4	0	1341	0
17:00 - 18:00	0	2131	0	0	2131	0	0	1249	0	0	1249	1
18:00 - 19:00	0	2171	0	0	2171	0	0	1250	0	0	1250	0
GRAND TOTAL	1	1289	0	1	1290	0	0	1082	13	0	1083	7



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

North Approach - Hwy 400 SB Off-Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total		
07:00	50	0	6	0	56	11	0	7	0	18	0	0	0	0	0	0	0	0	0	0	0	0
07:15	54	0	7	0	61	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0	0
07:30	53	0	15	0	68	6	0	4	0	10	0	0	0	0	0	0	0	0	0	0	0	0
07:45	77	0	4	0	81	11	0	3	0	14	0	0	0	0	0	0	0	0	0	0	0	0
08:00	72	0	9	0	81	11	0	4	0	15	0	0	0	0	0	0	0	0	0	0	0	0
08:15	63	0	14	0	77	22	0	1	0	23	0	0	0	0	0	0	0	0	0	0	0	0
08:30	69	0	16	0	85	17	1	3	0	21	0	0	0	0	0	0	0	0	0	0	0	1
08:45	93	0	12	0	105	15	0	4	0	19	0	0	0	0	0	0	0	0	0	0	0	2
09:00	76	0	18	0	94	13	0	4	0	17	0	0	0	0	0	0	0	0	0	0	0	0
09:15	54	0	13	0	67	19	0	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0
09:30	75	0	17	0	92	16	0	6	0	22	1	0	0	0	1	0	0	0	0	0	0	0
09:45	87	0	25	0	112	23	0	10	0	33	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	823	0	156	0	979	169	1	51	0	221	1	0	0	0	1	0	0	0	0	0	0	3



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

North Approach - Hwy 400 SB Off-Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	45	0	24	0	69	27	0	9	0	36	0	0	0	0	0	0	0	0	0	0	0
14:15	56	0	38	0	94	23	0	15	0	38	0	0	0	0	0	0	0	0	0	0	1
14:30	68	0	36	0	104	25	2	7	0	34	0	0	0	0	0	0	0	0	0	0	1
14:45	50	0	33	0	83	20	0	9	0	29	0	0	0	0	0	0	0	0	0	0	2
15:00	60	0	39	0	99	20	0	8	0	28	1	0	0	0	1	0	0	0	0	0	0
15:15	44	0	37	0	81	8	0	9	0	17	0	0	0	0	0	0	0	0	0	0	0
15:30	62	0	33	0	95	14	0	12	0	26	0	0	0	0	0	0	0	0	0	0	1
15:45	57	0	31	0	88	16	0	4	0	20	0	0	0	0	0	0	0	0	0	0	0
16:00	50	0	25	0	75	15	0	9	0	24	0	0	0	0	0	0	0	0	0	0	0
16:15	63	0	31	0	94	23	0	10	0	33	1	0	0	0	1	0	0	0	0	0	0
16:30	58	0	34	0	92	14	0	4	0	18	0	0	0	0	0	0	0	0	0	0	1
16:45	63	0	28	0	91	13	0	8	0	21	0	0	0	0	0	0	0	0	0	0	0
17:00	58	0	41	0	99	6	0	5	0	11	0	0	0	0	0	0	0	0	0	0	0
17:15	67	0	38	0	105	10	0	4	0	14	1	0	0	0	1	0	0	0	0	0	0
17:30	57	0	35	0	92	8	2	5	0	15	0	0	0	0	0	0	0	0	0	0	0
17:45	71	0	30	0	101	10	0	5	0	15	0	0	0	0	0	0	0	0	0	0	0
18:00	57	0	26	0	83	7	0	3	0	10	0	0	0	0	0	0	0	0	0	0	0
18:15	71	0	36	0	107	9	0	2	0	11	0	0	0	0	0	0	0	0	0	0	1
18:30	57	0	35	0	92	4	0	7	0	11	0	0	0	0	0	0	0	0	0	0	1
18:45	52	0	38	0	90	3	0	7	0	10	1	0	0	0	1	0	0	0	0	0	1
SUBTOTAL	1166	0	668	0	1834	275	4	142	0	421	4	0	0	0	4	0	0	0	0	0	9

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1989	0	824	0	2813	444	5	193	0	642	5	0	0	0	5	0	0	0	0	0	12





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

South Approach - Access (Construction)

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	11	0	11	0	22	0	0	0	0	0	0	0	0	0	0	0

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	1	0	5	0	6	14	0	14	0	28	0	0	0	0	0	0	0	0	0	0	0





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	172	0	0	172	0	11	0	0	11	0	4	0	0	4	0	0	0	0	0	0
07:15	0	193	0	0	193	0	14	0	0	14	0	4	0	0	4	0	0	0	0	0	0
07:30	0	204	0	0	204	0	15	0	0	15	0	3	0	0	3	0	0	0	0	0	0
07:45	0	228	0	0	228	0	15	0	0	15	0	5	0	0	5	0	0	0	0	0	0
08:00	0	215	0	0	215	1	21	0	0	22	0	0	0	0	0	0	0	0	0	0	0
08:15	0	223	0	0	223	0	21	0	0	21	0	2	0	0	2	0	0	0	0	0	0
08:30	0	235	0	0	235	0	30	0	0	30	0	2	0	0	2	0	0	0	0	0	0
08:45	0	213	0	0	213	0	18	0	0	18	0	2	0	0	2	0	0	0	0	0	0
09:00	0	178	0	1	179	0	25	0	0	25	0	1	0	0	1	0	1	0	0	1	0
09:15	0	177	0	0	177	0	19	0	0	19	0	5	0	0	5	0	0	0	0	0	0
09:30	0	188	0	0	188	0	19	0	0	19	0	3	0	0	3	0	0	0	0	0	0
09:45	0	193	0	0	193	0	22	0	0	22	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	0	2419	0	1	2420	1	230	0	0	231	0	34	0	0	34	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

East Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	347	0	0	347	0	31	0	0	31	0	3	0	0	3	0	0	0	0	0	0
14:15	0	369	0	0	369	0	33	0	0	33	0	1	0	0	1	0	0	0	0	0	0
14:30	0	396	0	0	396	0	39	0	0	39	0	5	0	0	5	0	0	0	0	0	0
14:45	0	422	0	0	422	0	35	0	0	35	0	5	0	0	5	0	0	0	0	0	0
15:00	0	457	0	0	457	0	38	0	0	38	0	4	0	0	4	0	1	0	0	1	0
15:15	0	482	0	0	482	0	43	0	0	43	0	3	0	0	3	0	0	0	0	0	0
15:30	0	480	0	0	480	0	44	0	0	44	0	5	0	0	5	0	0	0	0	0	0
15:45	0	441	0	0	441	0	46	0	0	46	0	1	0	0	1	0	0	0	0	0	0
16:00	0	534	0	0	534	0	47	0	0	47	0	3	0	0	3	0	0	0	0	0	0
16:15	0	501	0	0	501	0	27	0	0	27	0	2	0	0	2	0	0	0	0	0	0
16:30	0	452	0	0	452	0	36	0	0	36	0	3	0	0	3	0	0	0	0	0	0
16:45	0	535	0	0	535	0	42	0	0	42	0	0	0	0	0	0	0	0	0	0	0
17:00	0	500	0	0	500	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
17:15	0	504	0	0	504	0	31	0	0	31	0	1	0	0	1	0	0	0	0	0	0
17:30	0	516	0	0	516	0	27	0	0	27	0	1	0	0	1	0	0	0	0	0	0
17:45	0	503	0	0	503	0	26	0	0	26	0	1	0	0	1	0	1	0	0	1	0
18:00	0	639	0	0	639	0	24	0	0	24	0	5	0	0	5	0	0	0	0	0	0
18:15	0	491	0	0	491	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
18:30	0	456	0	0	456	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
18:45	0	529	0	0	529	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	9554	0	0	9554	0	613	0	0	613	0	46	0	0	46	0	2	0	0	2	0

Start Time	Cars				Trucks				Buses				Bicycles				Total Peds				
	↶	↑	↷	↻	Total	↶	↑	↷	↻	Total	↶	↑	↷	↻	Total						
GRAND TOTAL	0	11973	0	1	11974	1	843	0	0	844	0	80	0	0	80	0	3	0	0	3	0





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	327	0	0	327	0	47	1	0	48	0	2	0	0	2	0	0	0	0	0	0
07:15	0	342	0	0	342	0	43	0	0	43	0	1	0	0	1	0	0	0	0	0	0
07:30	0	370	0	0	370	0	19	0	0	19	0	11	0	0	11	0	0	0	0	0	0
07:45	0	367	0	0	367	0	31	1	0	32	0	4	0	0	4	0	0	0	0	0	1
08:00	0	369	0	0	369	0	34	0	0	34	0	4	0	0	4	0	0	0	0	0	0
08:15	0	381	0	0	381	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
08:30	0	395	0	0	395	0	27	0	0	27	0	3	0	0	3	0	1	0	0	1	0
08:45	0	345	1	0	346	0	26	0	0	26	0	2	0	0	2	0	0	0	0	0	0
09:00	0	319	0	0	319	0	39	0	0	39	0	4	0	0	4	0	0	0	0	0	0
09:15	0	274	0	0	274	0	32	1	0	33	0	1	0	0	1	0	0	0	0	0	1
09:30	0	271	0	0	271	0	28	0	0	28	0	2	0	0	2	0	1	0	0	1	0
09:45	0	323	0	0	323	0	35	0	0	35	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	0	4083	1	0	4084	0	389	3	0	392	0	35	0	0	35	0	2	0	0	2	3



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Nov 21, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	276	0	0	276	0	28	0	0	28	0	2	0	0	2	0	0	0	0	0	0
14:15	0	257	0	0	257	0	26	0	0	26	0	4	0	0	4	0	0	0	0	0	0
14:30	0	271	0	0	271	0	34	0	0	34	0	3	0	0	3	0	0	0	0	0	0
14:45	0	293	0	0	293	0	35	0	0	35	0	2	0	0	2	0	0	0	0	0	0
15:00	0	268	0	0	268	0	31	0	0	31	0	3	0	0	3	0	0	0	0	0	0
15:15	0	315	0	0	315	0	28	0	0	28	0	6	0	0	6	0	0	0	0	0	0
15:30	0	258	0	0	258	0	22	2	0	24	0	1	0	0	1	0	0	0	0	0	1
15:45	0	283	1	0	284	0	27	2	0	29	0	4	0	0	4	0	0	0	0	0	2
16:00	0	313	0	0	313	0	25	3	0	28	0	3	0	0	3	0	0	0	0	0	0
16:15	0	285	0	0	285	0	29	0	0	29	0	1	0	0	1	0	0	0	0	0	0
16:30	0	312	0	0	312	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
16:45	0	310	0	0	310	0	30	1	0	31	0	2	0	0	2	0	0	0	0	0	0
17:00	0	283	0	0	283	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
17:15	0	280	0	0	280	0	17	0	0	17	0	2	0	0	2	0	0	0	0	0	0
17:30	0	310	0	0	310	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	1
17:45	0	296	0	0	296	0	22	0	0	22	0	2	0	0	2	0	0	0	0	0	0
18:00	0	307	0	0	307	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
18:15	0	284	0	0	284	0	10	0	0	10	0	4	0	0	4	0	0	0	0	0	0
18:30	0	296	0	0	296	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
18:45	0	302	0	0	302	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	5799	1	0	5800	0	467	8	0	475	0	47	0	0	47	0	0	0	0	0	4

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	9882	2	0	9884	0	856	11	0	867	0	82	0	0	82	0	2	0	0	2	7





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Site ID: 1936600152
Count Date: Nov 21, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	324	0	324
	73	0	73
	0	0	0
	0	0	0
Totals	397	0	397

Hwy 400 SB Off-Ramp

	0	0	0	0
	0	0	0	0
	11	1	61	0
	43	0	281	0
Totals	54	1	342	0

East Approach

	Out	In	Total
	901	1793	2694
	88	184	272
	9	12	21
	0	1	1
Totals	998	1990	2988

Rutherford Rd

				Totals
0	0	0	0	0
0	0	0	0	0
1	12	120	1512	1645
0	0	1	0	1

Peds: 1



Peds: 1

Peds: 0

Peds: 0

Rutherford Rd

Totals				
0	0	0	0	0
0	0	0	0	0
997	901	87	9	0
1	0	1	0	0

West Approach

	Out	In	Total
	1512	944	2456
	121	100	221
	12	9	21
	1	0	1
Totals	1646	1053	2699

Totals				
	2	0	3	0
	0	0	0	0
	2	0	3	0
	0	0	0	0
	0	0	0	0

Access (Construction)

South Approach

	Out	In	Total
	0	0	0
	5	3	8
	0	0	0
	0	0	0
Totals	5	3	8

- Cars

- Trucks

- Buses

- Bicycles

Comments



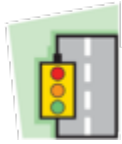
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Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Count Date: Nov 21, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach Hwy 400 SB Off-Ramp						South Approach Access (Construction)						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehic es	
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total		
07:45	88	0	7	0	0	95	1	0	0	0	0	1	0	248	0	0	0	248	0	402	1	0	1	403	747	
08:00	83	0	13	0	0	96	1	0	0	0	0	1	1	236	0	0	0	237	0	407	0	0	0	407	741	
08:15	85	0	15	0	0	100	0	0	0	0	0	0	0	246	0	0	0	246	0	410	0	0	0	410	756	
08:30	86	1	19	0	1	106	0	0	3	0	0	3	0	267	0	0	0	267	0	426	0	0	0	426	802	
Grand Total	342	1	54	0	1	397	2	0	3	0	0	5	1	997	0	0	0	998	0	1645	1	0	1	1646	3046	
Approach %	86.1	0.3	13.6	0	-	-	40	0	60	0	-	-	0.1	99.9	0	0	-	-	0	99.9	0.1	0	-	-		
Totals %	11.2	0	1.8	0		13	0.1	0	0.1	0		0.2	0	32.7	0	0		32.8	0	54	0	0		54		
PHF	0.97	0.25	0.71	0		0.94	0.5	0	0.25	0		0.42	0.25	0.93	0	0		0.93	0	0.97	0.25	0		0.97	0.95	
Cars	281	0	43	0		324	0	0	0	0		0	0	901	0	0		901	0	1512	0	0		1512	2737	
% Cars	82.2	0	79.6	0		81.6	0	0	0	0		0	0	90.4	0	0		90.3	0	91.9	0	0		91.9	89.9	
Trucks	61	1	11	0		73	2	0	3	0		5	1	87	0	0		88	0	120	1	0		121	287	
% Trucks	17.8	100	20.4	0		18.4	100	0	100	0		100	100	8.7	0	0		8.8	0	7.3	100	0		7.4	9.4	
Buses	0	0	0	0		0	0	0	0	0		0	0	9	0	0		9	0	12	0	0		12	21	
% Buses	0	0	0	0		0	0	0	0	0		0	0	0.9	0	0		0.9	0	0.7	0	0		0.7	0.7	
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	1	0	0		1	1	
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0.1	0	0		0.1	0	
Peds						1						0						0						1	-	2
% Peds						50						0						0						50	-	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 17:15:00
To: 18:15:00

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Site ID: 1936600152
Count Date: Nov 21, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	381	0	381
	54	0	54
	1	0	1
	0	0	0
Totals	436	0	436

Hwy 400 SB Off-Ramp

	0	0	0	0
	0	0	1	0
	17	2	35	0
	129	0	252	0
Totals	146	2	288	0

East Approach

	Out	In	Total
	2162	1447	3609
	108	100	208
	8	8	16
	1	0	1
Totals	2279	1555	3834

Rutherford Rd

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	7	65	1193	1265
	0	0	0	0	0

Peds: 0



Peds: 1

Peds: 0

Peds: 0

Rutherford Rd

Totals				
	0	0	0	0
	0	0	0	0
	2279	2162	108	8
	0	0	0	0

West Approach

	Out	In	Total
	1193	2291	3484
	65	125	190
	7	8	15
	0	1	1
Totals	1265	2425	3690

Totals				
	0	0	2	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

Access (Construction)

South Approach

	Out	In	Total
	2	0	2
	0	2	2
	0	0	0
	0	0	0
Totals	2	2	4

- Cars

- Trucks

- Buses

- Bicycles

Comments



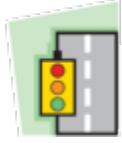
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TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
 Count Date: Nov 21, 2019
 Period: 14:00 - 19:00

Peak Hour Data (17:15 - 18:15)

Start Time	North Approach Hwy 400 SB Off-Ramp						South Approach Access (Construction)						East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
17:15	78	0	42	0	0	120	0	0	0	0	0	0	0	536	0	0	0	536	0	299	0	0	0	299	955
17:30	65	2	40	0	0	107	0	0	0	0	0	0	0	544	0	0	0	544	0	324	0	0	1	324	975
17:45	81	0	35	0	0	116	0	0	2	0	0	2	0	531	0	0	0	531	0	320	0	0	0	320	969
18:00	64	0	29	0	0	93	0	0	0	0	0	0	0	668	0	0	0	668	0	322	0	0	0	322	1083
Grand Total	288	2	146	0	0	436	0	0	2	0	0	2	0	2279	0	0	0	2279	0	1265	0	0	1	1265	3982
Approach %	66.1	0.5	33.5	0	-	-	0	0	100	0	-	-	0	100	0	0	-	-	0	100	0	0	-	-	-
Totals %	7.2	0.1	3.7	0	10.9		0	0	0.1	0	0.1		0	57.2	0	0	57.2		0	31.8	0	0	31.8		
PHF	0.89	0.25	0.87	0	0.91		0	0	0.25	0	0.25		0	0.85	0	0	0.85		0	0.98	0	0	0.98	0.92	
Cars	252	0	129	0	381		0	0	2	0	2		0	2162	0	0	2162		0	1193	0	0	1193	3738	
% Cars	87.5	0	88.4	0	87.4		0	0	100	0	100		0	94.9	0	0	94.9		0	94.3	0	0	94.3	93.9	
Trucks	35	2	17	0	54		0	0	0	0	0		0	108	0	0	108		0	65	0	0	65	227	
% Trucks	12.2	100	11.6	0	12.4		0	0	0	0	0		0	4.7	0	0	4.7		0	5.1	0	0	5.1	5.7	
Buses	1	0	0	0	1		0	0	0	0	0		0	8	0	0	8		0	7	0	0	7	16	
% Buses	0.3	0	0	0	0.2		0	0	0	0	0		0	0.4	0	0	0.4		0	0.6	0	0	0.6	0.4	
Bicycles	0	0	0	0	0		0	0	0	0	0		0	1	0	0	1		0	0	0	0	0	1	
% Bicycles	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
Peds					0	-				0	-						0	-					1	-	1
% Peds					0	-				0	-						0	-					100	-	



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

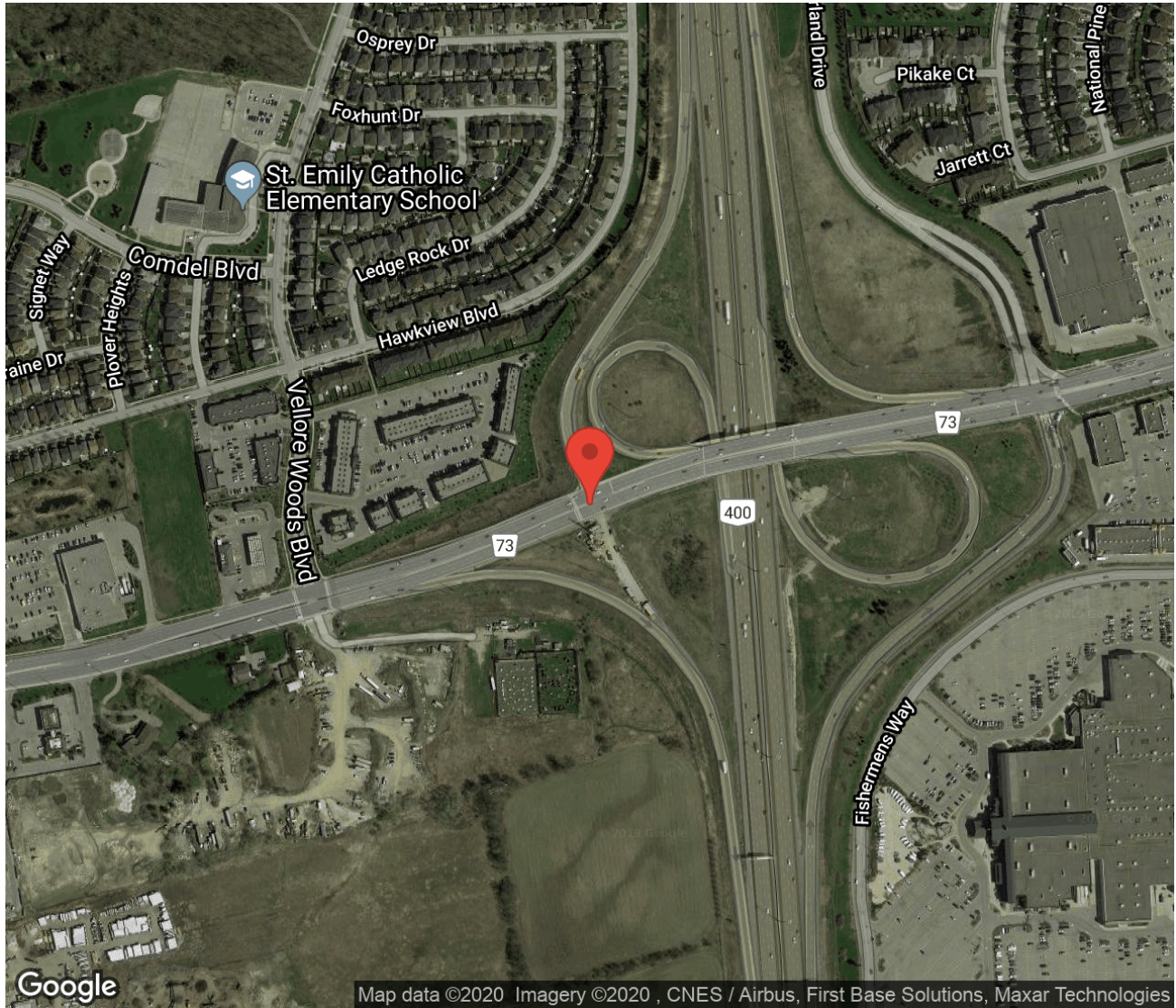
Intersection Count Report

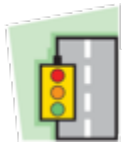
Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Dec 14, 2019
Site Code: 1936600153
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear



Traffic Count Map

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Dec 14, 2019





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Dec 14, 2019

Rutherford Rd - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
11:00 - 12:00	0	1353	490	1	1844	0	0	1337	0	0	1337	0	
12:00 - 13:00	0	1503	482	1	1986	0	0	1351	0	0	1351	0	
13:00 - 14:00	0	1496	525	0	2021	0	0	1109	0	0	1109	1	
14:00 - 15:00	0	1404	492	1	1897	0	0	1233	0	0	1233	0	
15:00 - 16:00	0	1472	579	0	2051	0	0	1330	0	0	1330	0	
16:00 - 17:00	0	1665	539	0	2204	0	0	1221	0	0	1221	0	
17:00 - 18:00	0	1549	590	0	2139	0	0	1222	0	0	1222	0	
18:00 - 19:00	0	1562	732	0	2294	0	0	1254	0	0	1254	0	
GRAND TOTAL	0	1200	4	4429	3	6	0	1005	7	0	0	1005	7



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Dec 14, 2019

North Approach - Hwy 400 SB Off-Ramp

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	87	0	54	0	141	7	0	10	0	17	0	0	0	0	0	0	0	0	0	0	0
16:30	63	0	34	0	97	11	0	6	0	17	0	0	0	0	0	0	0	0	0	0	0
16:45	101	0	39	0	140	9	0	9	0	18	0	0	0	0	0	0	0	0	0	0	0
17:00	64	0	35	0	99	7	0	3	0	10	0	0	0	0	0	0	0	0	0	0	0
17:15	76	0	27	0	103	12	0	4	0	16	0	0	0	0	0	0	0	0	0	0	0
17:30	69	0	37	0	106	7	0	3	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	95	0	45	0	140	16	0	5	0	21	0	0	0	0	0	0	0	0	0	0	0
18:00	78	0	48	0	126	16	0	3	0	19	0	0	0	0	0	0	0	0	0	0	0
18:15	69	0	42	0	111	8	0	7	0	15	0	0	0	0	0	0	0	0	0	0	0
18:30	81	0	40	0	121	8	0	2	0	10	0	0	0	0	0	0	0	0	0	0	0
18:45	48	0	34	0	82	2	0	6	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2503	0	1004	0	3507	378	0	199	0	577	1	0	0	0	1	0	0	0	0	0	0
GRAND TOTAL	2503	0	1004	0	3507	378	0	199	0	577	1	0	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Dec 14, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	287	0	0	287	0	31	0	0	31	0	2	0	0	2	0	0	0	0	0	0
11:15	0	283	0	0	283	0	36	0	0	36	0	1	0	0	1	0	0	0	0	0	0
11:30	0	298	0	0	298	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
11:45	0	337	0	0	337	0	33	0	0	33	0	0	0	0	0	0	0	0	0	0	0
12:00	0	309	0	0	309	0	21	0	0	21	0	0	0	0	0	0	0	0	0	0	0
12:15	0	297	0	0	297	0	28	0	0	28	0	0	0	0	0	0	0	0	0	0	0
12:30	0	296	0	0	296	0	31	0	0	31	0	1	0	0	1	0	0	0	0	0	0
12:45	0	336	0	0	336	0	31	0	0	31	0	1	0	0	1	0	0	0	0	0	0
13:00	0	286	0	0	286	0	26	0	0	26	0	0	0	0	0	0	0	0	0	0	0
13:15	0	209	0	0	209	0	25	0	0	25	0	0	0	0	0	0	0	0	0	0	1
13:30	0	250	0	0	250	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
13:45	0	278	0	0	278	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
14:00	0	274	0	0	274	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
14:15	0	269	0	0	269	0	26	0	0	26	0	1	0	0	1	0	0	0	0	0	0
14:30	0	250	0	0	250	0	22	0	0	22	0	0	0	0	0	0	0	0	0	0	0
14:45	0	340	0	0	340	0	29	0	0	29	0	1	0	0	1	0	0	0	0	0	0
15:00	0	350	0	0	350	0	29	0	0	29	0	1	0	0	1	0	0	0	0	0	0
15:15	0	291	0	0	291	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
15:30	0	302	0	0	302	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
15:45	0	294	0	0	294	0	21	0	0	21	0	0	0	0	0	0	0	0	0	0	0
16:00	0	274	0	0	274	0	21	0	0	21	0	1	0	0	1	0	0	0	0	0	0



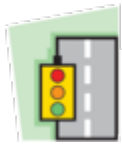
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Municipality: Vaughan
Count Date: Dec 14, 2019

West Approach - Rutherford Rd

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	285	0	0	285	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
16:30	0	320	0	0	320	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
16:45	0	266	0	0	266	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
17:00	0	306	0	0	306	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	0	274	0	0	274	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
17:30	0	298	0	0	298	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
17:45	0	272	0	0	272	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
18:00	0	293	0	0	293	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
18:15	0	282	0	0	282	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	0
18:30	0	281	0	0	281	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
18:45	0	327	0	0	327	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	9314	0	0	9314	0	722	0	0	722	0	21	0	0	21	0	0	0	0	0	1
GRAND TOTAL	0	9314	0	0	9314	0	722	0	0	722	0	21	0	0	21	0	0	0	0	0	1



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:15:00
To: 13:15:00

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Site ID: 1936600153
Count Date: Dec 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	453	495	948
	90	12	102
	0	0	0
	0	0	0
Totals	543	507	1050

Hwy 400 SB Off-Ramp

	0	0	0
	0	0	0
	25	65	0
	107	346	0
Totals	132	411	0

East Approach

	Out	In	Total
	1994	1562	3556
	64	181	245
	0	2	2
	0	0	0
Totals	2058	1745	3803

Rutherford Rd

				Totals
0	0	0	0	0
0	0	0	0	0
0	2	116	1215	1333

Peds: 0



Peds: 0

Peds: 0

Peds: 0

Rutherford Rd

Totals				
1	1	0	0	0
507	495	12	0	0
1550	1498	52	0	0

West Approach

	Out	In	Total
	1215	1605	2820
	116	77	193
	2	0	2
	0	0	0
Totals	1333	1682	3015

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Count Date: Dec 14, 2019
Period: 11:00 - 14:00

Peak Hour Data (12:15 - 13:15)

Start Time	North Approach Hwy 400 SB Off-Ramp						South Approach				East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehic es			
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻		Peds	Total	
12:15	107		39	0	0	146					0			377	130	0	0	507	0	325			0	0	325	978
12:30	99		26	0	0	125					0			380	117	0	0	497	0	328			0	0	328	950
12:45	106		40	0	0	146					0			383	115	1	0	499	0	368			0	0	368	1013
13:00	99		27	0	0	126					0			410	145	0	0	555	0	312			0	0	312	993
Grand Total	411		132	0	0	543					0	0		1550	507	1	0	2058	0	1333			0	0	1333	3934
Approach %	75.7		24.3	0		-					-			75.3	24.6	0		-	0	100			0		-	
Totals %	10.4		3.4	0		13.8					0			39.4	12.9	0		52.3	0	33.9			0		33.9	
PHF	0.96		0.83	0		0.93					0			0.95	0.87	0.25		0.93	0	0.91			0		0.91	0.97
Cars	346		107	0		453					0			1498	495	1		1994	0	1215			0		1215	3662
% Cars	84.2		81.1	0		83.4					0			96.6	97.6	100		96.9	0	91.1			0		91.1	93.1
Trucks	65		25	0		90					0			52	12	0		64	0	116			0		116	270
% Trucks	15.8		18.9	0		16.6					0			3.4	2.4	0		3.1	0	8.7			0		8.7	6.9
Buses	0		0	0		0					0			0	0	0		0	0	2			0		2	2
% Buses	0		0	0		0					0			0	0	0		0	0.2	0			0		0.2	0.1
Bicycles	0		0	0		0					0			0	0	0		0	0	0			0		0	0
% Bicycles	0		0	0		0					0			0	0	0		0	0	0			0		0	0
Peds					0	-					0	-						0	-				0	-	0	0
% Peds					0	-					0	-						0	-				0	-	0	0



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 18:00:00
To: 19:00:00

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Site ID: 1936600153
Count Date: Dec 14, 2019

Weather conditions:

**** Signalized Intersection ****

Major Road: Rutherford Rd runs E/W

North Approach

	Out	In	Total
	440	726	1166
	52	6	58
	0	0	0
	0	0	0
Totals	492	732	1224

Hwy 400 SB Off-Ramp

	0	0	0
	0	0	0
	18	34	0
	164	276	0
Totals	182	310	0

East Approach

	Out	In	Total
	2279	1459	3738
	15	101	116
	0	4	4
	0	0	0
Totals	2294	1564	3858

Rutherford Rd

				Totals
0	0	0	0	0
0	0	0	0	0
0	4	67	1183	1254

Peds: 0



Peds: 0

Peds: 0

Peds: 0

Rutherford Rd

Totals				
0	0	0	0	0
732	726	6	0	0
1562	1553	9	0	0

West Approach

	Out	In	Total
	1183	1717	2900
	67	27	94
	4	0	4
	0	0	0
Totals	1254	1744	2998

- Cars

- Trucks

- Buses

- Bicycles

Comments



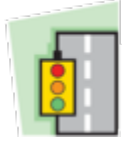
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: Rutherford Rd & Hwy 400 SB Off-Ramp
Count Date: Dec 14, 2019
Period: 14:00 - 19:00

Peak Hour Data (18:00 - 19:00)

Start Time	North Approach Hwy 400 SB Off-Ramp						South Approach				East Approach Rutherford Rd						West Approach Rutherford Rd						Total Vehicles			
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻		Peds	Total	
18:00	94		51	0	0	145					0			389	164	0	0	553	0	310			0	0	310	1008
18:15	77		49	0	0	126					0			398	196	0	0	594	0	297			0	0	297	1017
18:30	89		42	0	0	131					0			384	210	0	0	594	0	296			0	0	296	1021
18:45	50		40	0	0	90					0			391	162	0	0	553	0	351			0	0	351	994
Grand Total	310		182	0	0	492					0	0		1562	732	0	0	2294	0	1254			0	0	1254	4040
Approach %	63		37	0	-	-					-	-		68.1	31.9	0	-	-	0	100			0	-	-	
Totals %	7.7		4.5	0	-	12.2					0	0		38.7	18.1	0	-	56.8	0	31			0	-	31	
PHF	0.82		0.89	0	-	0.85					0	0		0.98	0.87	0	-	0.97	0	0.89			0	-	0.89	0.99
Cars	276		164	0	-	440					0	0		1553	726	0	-	2279	0	1183			0	-	1183	3902
% Cars	89		90.1	0	-	89.4					0	0		99.4	99.2	0	-	99.3	0	94.3			0	-	94.3	96.6
Trucks	34		18	0	-	52					0	0		9	6	0	-	15	0	67			0	-	67	134
% Trucks	11		9.9	0	-	10.6					0	0		0.6	0.8	0	-	0.7	0	5.3			0	-	5.3	3.3
Buses	0		0	0	-	0					0	0		0	0	0	-	0	0	4			0	-	4	4
% Buses	0		0	0	-	0					0	0		0	0	0	-	0	0	0.3			0	-	0.3	0.1
Bicycles	0		0	0	-	0					0	0		0	0	0	-	0	0	0			0	-	0	0
% Bicycles	0		0	0	-	0					0	0		0	0	0	-	0	0	0			0	-	0	0
Peds					0	-					0	-					0	-					0	-		0
% Peds					0	-					0	-					0	-					0	-		0



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019
Site Code: 1936600166
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 07:00-10:00, 14:00-19:00
Weather: Clear

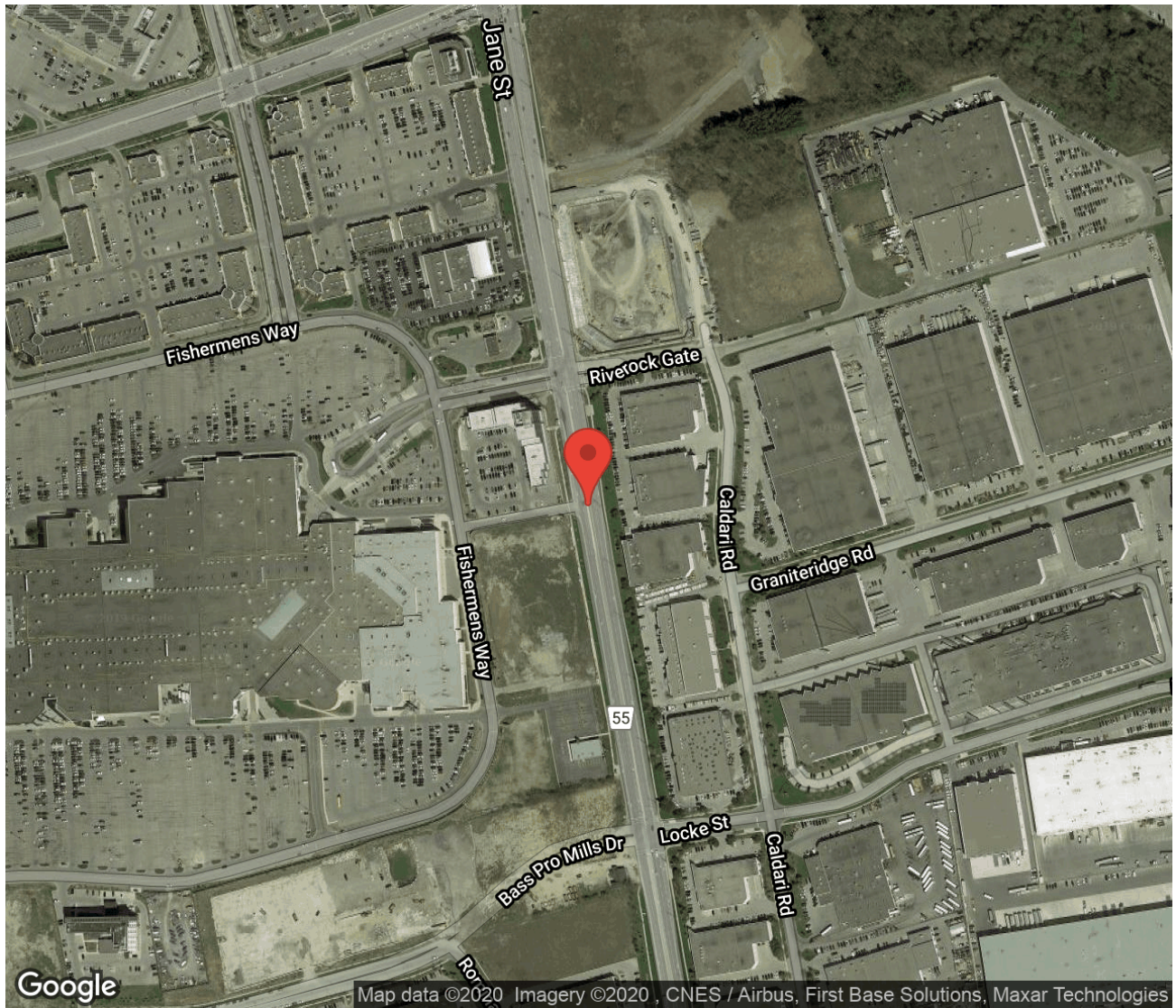


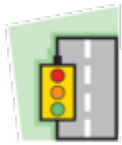
Traffic Count Map

Intersection: 9060 Jane St (RIRO)

Municipality: Vaughan

Count Date: Nov 26, 2019





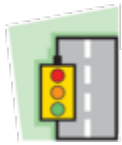
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	1806	5	0	1811	0	0	381	0	0	381	0
08:00 - 09:00	0	1748	30	0	1778	0	0	436	0	0	436	0
09:00 - 10:00	0	1341	12	0	1353	0	0	533	0	0	533	0
BREAK												
14:00 - 15:00	0	811	17	0	828	0	0	1029	0	0	1029	0
15:00 - 16:00	0	830	15	0	845	0	0	1310	0	0	1310	0
16:00 - 17:00	0	662	6	0	668	1	0	2049	0	0	2049	1
17:00 - 18:00	0	630	4	0	634	0	0	1895	0	0	1895	0
18:00 - 19:00	0	615	3	0	618	0	0	1361	0	0	1361	0
GRAND TOTAL	0	8443	92	0	8535	1	0	8994	0	0	8994	1



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

9060 Jane St (RIRO) - Traffic Summary

Hour	East Approach Totals						West Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
07:00 - 08:00	0	0	0	0	0	3	0	1	15	0	16	1
08:00 - 09:00	0	0	0	0	0	5	0	0	14	0	14	3
09:00 - 10:00	0	0	0	0	0	3	0	0	21	0	21	3
BREAK												
14:00 - 15:00	0	0	0	0	0	1	0	0	48	0	48	6
15:00 - 16:00	0	0	0	0	0	4	0	0	28	0	28	7
16:00 - 17:00	0	0	0	0	0	2	0	0	39	0	39	1
17:00 - 18:00	0	0	0	0	0	3	0	0	30	0	30	2
18:00 - 19:00	0	0	0	0	0	0	0	0	26	0	26	1
GRAND TOTAL	0	0	0	0	0	21	0	1	221	0	222	24



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	415	1	0	416	0	37	0	0	37	0	1	0	0	1	0	0	0	0	0	0
07:15	0	389	1	0	390	0	43	0	0	43	0	1	0	0	1	0	0	0	0	0	0
07:30	0	404	1	0	405	0	44	0	0	44	0	2	0	0	2	0	0	0	0	0	0
07:45	0	416	2	0	418	0	50	0	0	50	0	4	0	0	4	0	0	0	0	0	0
08:00	0	388	11	0	399	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
08:15	0	411	8	0	419	0	35	1	0	36	0	5	0	0	5	0	0	0	0	0	0
08:30	0	397	7	0	404	0	30	0	0	30	0	2	0	0	2	0	0	0	0	0	0
08:45	0	424	3	0	427	0	27	0	0	27	0	2	0	0	2	0	0	0	0	0	0
09:00	0	357	4	0	361	0	28	0	0	28	0	4	0	0	4	0	0	0	0	0	0
09:15	0	317	3	0	320	0	37	1	0	38	0	3	0	0	3	0	0	0	0	0	0
09:30	0	271	3	0	274	0	18	0	0	18	0	3	0	0	3	0	1	0	0	1	0
09:45	0	262	1	0	263	0	38	0	0	38	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	4451	45	0	4496	0	412	2	0	414	0	31	0	0	31	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	188	4	0	192	0	28	0	0	28	0	3	0	0	3	0	0	0	0	0	0
14:15	0	179	3	0	182	0	34	0	0	34	0	1	0	0	1	0	0	0	0	0	0
14:30	0	182	9	0	191	0	27	0	0	27	0	1	0	0	1	0	0	0	0	0	0
14:45	0	145	1	0	146	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
15:00	0	200	6	0	206	0	30	0	0	30	0	1	0	0	1	0	0	0	0	0	0
15:15	0	181	3	0	184	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
15:30	0	175	2	0	177	0	16	0	0	16	0	1	0	0	1	0	1	0	0	1	0
15:45	0	173	3	0	176	0	21	1	0	22	0	2	0	0	2	0	0	0	0	0	0
16:00	0	139	2	0	141	0	24	0	0	24	0	3	0	0	3	0	0	0	0	0	0
16:15	0	146	1	0	147	0	15	0	0	15	0	2	0	0	2	0	0	0	0	0	0
16:30	0	126	0	0	126	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	1
16:45	0	175	3	0	178	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
17:00	0	143	0	0	143	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
17:15	0	149	3	0	152	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
17:30	0	144	1	0	145	0	7	0	0	7	0	2	0	0	2	0	0	0	0	0	0
17:45	0	149	0	0	149	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
18:00	0	142	1	0	143	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
18:15	0	135	2	0	137	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
18:30	0	151	0	0	151	0	6	0	0	6	0	2	0	0	2	0	0	0	0	0	0
18:45	0	145	0	0	145	0	7	0	0	7	0	1	0	0	1	0	1	0	0	1	0
SUBTOTAL	0	3167	44	0	3211	0	350	1	0	351	0	29	0	0	29	0	2	0	0	2	1

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	↶	↑	↷	↶	Total	
GRAND TOTAL	0	7618	89	0	7707	0	762	3	0	765	0	60	0	0	60	0	3	0	0	3	1





Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	60	0	0	60	0	15	0	0	15	0	5	0	0	5	0	0	0	0	0	0
07:15	0	83	0	0	83	0	23	0	0	23	0	2	0	0	2	0	0	0	0	0	0
07:30	0	71	0	0	71	0	11	0	0	11	0	2	0	0	2	0	0	0	0	0	0
07:45	0	92	0	0	92	0	15	0	0	15	0	2	0	0	2	0	0	0	0	0	0
08:00	0	105	0	0	105	0	12	0	0	12	0	2	0	0	2	0	1	0	0	1	0
08:15	0	73	0	0	73	0	19	0	0	19	0	2	0	0	2	0	0	0	0	0	0
08:30	0	96	0	0	96	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
08:45	0	93	0	0	93	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
09:00	0	117	0	0	117	0	18	0	0	18	0	3	0	0	3	0	0	0	0	0	0
09:15	0	98	0	0	98	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	0
09:30	0	121	0	0	121	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
09:45	0	121	0	0	121	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	1130	0	0	1130	0	195	0	0	195	0	24	0	0	24	0	1	0	0	1	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
14:00	0	189	0	0	189	0	30	0	0	30	0	0	0	0	0	0	0	0	0	0	0
14:15	0	220	0	0	220	0	24	0	0	24	0	1	0	0	1	0	0	0	0	0	0
14:30	0	237	0	0	237	0	40	0	0	40	0	3	0	0	3	0	0	0	0	0	0
14:45	0	251	0	0	251	0	32	0	0	32	0	2	0	0	2	0	0	0	0	0	0
15:00	0	251	0	0	251	0	37	0	0	37	0	1	0	0	1	0	0	0	0	0	0
15:15	0	268	0	0	268	0	32	0	0	32	0	2	0	0	2	0	0	0	0	0	0
15:30	0	329	0	0	329	0	30	0	0	30	0	1	0	0	1	0	0	0	0	0	0
15:45	0	317	0	0	317	0	41	0	0	41	0	1	0	0	1	0	0	0	0	0	0
16:00	0	455	0	0	455	0	43	0	0	43	0	2	0	0	2	0	0	0	0	0	0
16:15	0	455	0	0	455	0	39	0	0	39	0	3	0	0	3	0	0	0	0	0	0
16:30	0	508	0	0	508	0	36	0	0	36	0	2	0	0	2	0	0	0	0	0	1
16:45	0	456	0	0	456	0	49	0	0	49	0	1	0	0	1	0	0	0	0	0	0
17:00	0	481	0	0	481	0	39	0	0	39	0	1	0	0	1	0	0	0	0	0	0
17:15	0	462	0	0	462	0	33	0	0	33	0	3	0	0	3	0	0	0	0	0	0
17:30	0	406	0	0	406	0	23	0	0	23	0	1	0	0	1	0	0	0	0	0	0
17:45	0	416	0	0	416	0	28	0	0	28	0	2	0	0	2	0	0	0	0	0	0
18:00	0	442	0	0	442	0	27	0	0	27	0	1	0	0	1	0	0	0	0	0	0
18:15	0	341	0	0	341	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
18:30	0	283	0	0	283	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
18:45	0	209	0	0	209	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	6976	0	0	6976	0	635	0	0	635	0	33	0	0	33	0	0	0	0	0	1

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	0	8106	0	0	8106	0	830	0	0	830	0	57	0	0	57	0	1	0	0	1	1





Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

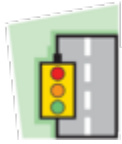
Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 26, 2019

West Approach - 9060 Jane St (RIRO)

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds	
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total		
07:00	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
07:30	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
08:45	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:15	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:30	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	4	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	0	0	46	0	46	0	0	4	0	4	0	0	0	0	0	0	1	0	0	0	1	7

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
GRAND TOTAL	0	0	209	0	209	0	0	12	0	12	0	0	0	0	0	0	1	0	0	1	24





Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00

Intersection: 9060 Jane St (RIRO)
Site ID: 1936600166
Count Date: Nov 26, 2019

Weather conditions:

**** Unsignalized Intersection ****

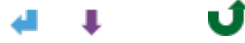
Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	1640	366	2006
	141	62	203
	13	7	20
	0	1	1
Totals	1794	436	2230

Jane St

	0	0	0
	0	13	0
	1	140	0
	28	1612	0
Totals	29	1765	0



Peds: 0

9060 Jane St (RIRO)

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	0	2	11	13

Peds: 3



Peds: 3

Peds: 0

West Approach

	Out	In	Total
	11	28	39
	2	1	3
	0	0	0
	0	0	0
Totals	13	29	42

Totals			
	0	436	0

	0	366	0
	0	62	0
	0	7	0
	0	1	0

Jane St

South Approach

	Out	In	Total
	366	1623	1989
	62	142	204
	7	13	20
	1	0	1
Totals	436	1778	2214

- Cars

- Trucks

- Buses

- Bicycles

Comments



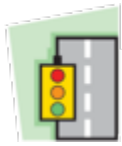
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Peak Hour Summary

Intersection: 9060 Jane St (RIRO)
Count Date: Nov 26, 2019
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach Jane St					South Approach Jane St					East Approach					West Approach 9060 Jane St (RIRO)					Total Vehicles				
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑		→	↻	Peds	Total
07:45		470	2	0	0	472	0	109		0	0	109					2		0		3	0	0	3	584
08:00		415	11	0	0	426	0	120		0	0	120					0		0		3	0	1	3	549
08:15		451	9	0	0	460	0	94		0	0	94					0		0		1	0	0	1	555
08:30		429	7	0	0	436	0	113		0	0	113					1		0		6	0	2	6	555
Grand Total		1765	29	0	0	1794	0	436		0	0	436					3	0	0		13	0	3	13	2243
Approach %		98.4	1.6	0	-	-	0	100		0	0	-					0		0		100	0	-	-	
Totals %		78.7	1.3	0	-	80	0	19.4		0	0	19.4					0		0		0.6	0	-	0.6	
PHF		0.94	0.66	0	0	0.95	0	0.91		0	0	0.91					0	0	0		0.54	0	0	0.54	0.96
Cars		1612	28	0	-	1640	0	366		0	0	366					0		0		11	0	-	11	2017
% Cars		91.3	96.6	0	-	91.4	0	83.9		0	0	83.9					0		0		84.6	0	-	84.6	89.9
Trucks		140	1	0	-	141	0	62		0	0	62					0		0		2	0	-	2	205
% Trucks		7.9	3.4	0	-	7.9	0	14.2		0	0	14.2					0		0		15.4	0	-	15.4	9.1
Buses		13	0	0	-	13	0	7		0	0	7					0		0		0	0	-	0	20
% Buses		0.7	0	0	-	0.7	0	1.6		0	0	1.6					0		0		0	0	-	0	0.9
Bicycles		0	0	0	-	0	0	1		0	0	1					0		0		0	0	-	0	1
% Bicycles		0	0	0	-	0	0	0.2		0	0	0.2					0		0		0	0	-	0	0
Peds					0	-					0	-					3	-			3	-	-	3	6
% Peds					0	-					0	-					50	-			50	-	-	50	-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00

Intersection: 9060 Jane St (RIRO)
Site ID: 1936600166
Count Date: Nov 26, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	599	1907	2506
	51	157	208
	5	7	12
	0	0	0
Totals	655	2071	2726

Jane St

	0	0	0
	0	5	0
	0	51	0
	6	593	0
Totals	6	649	0



Peds: 1

9060 Jane St (RIRO)

				Totals
0	0	0	0	0
0	0	0	0	0
0	0	1	39	40

Peds: 2



Peds: 4

Peds: 1

West Approach

	Out	In	Total
	39	6	45
	1	0	1
	0	0	0
	0	0	0
Totals	40	6	46

Totals	0	2071	0
	0	1907	0
	0	157	0
	0	7	0
	0	0	0

Jane St

South Approach

	Out	In	Total
	1907	632	2539
	157	52	209
	7	5	12
	0	0	0
Totals	2071	689	2760

- Cars

- Trucks

- Buses

- Bicycles

Comments



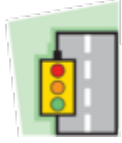
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TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: 9060 Jane St (RIRO)
Count Date: Nov 26, 2019
Period: 14:00 - 19:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Jane St						South Approach Jane St						East Approach						West Approach 9060 Jane St (RIRO)						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30		143	0	0	1	143	0	546		0	1	546					0		0		15	0	0	15	704
16:45		190	3	0	0	193	0	506		0	0	506					1		0		8	0	0	8	707
17:00		155	0	0	0	155	0	521		0	0	521					3		0		8	0	2	8	684
17:15		161	3	0	0	164	0	498		0	0	498					0		0		9	0	0	9	671
Grand Total		649	6	0	1	655	0	2071		0	1	2071					4	0	0		40	0	2	40	2766
Approach %		99.1	0.9	0	-	-	0	100		0	-	-					-	-	0		100	0	-	-	
Totals %		23.5	0.2	0	-	23.7	0	74.9		0	-	74.9					-	-	0		1.4	0	-	1.4	
PHF		0.85	0.5	0	0.85	0.85	0	0.95		0	0.95	0.95					0	0	0		0.67	0	0.67	0.98	
Cars		593	6	0	-	599	0	1907		0	-	1907					0	0	0		39	0	-	39	2545
% Cars		91.4	100	0	-	91.5	0	92.1		0	-	92.1					0	0	0		97.5	0	-	97.5	92
Trucks		51	0	0	-	51	0	157		0	-	157					0	0	0		1	0	-	1	209
% Trucks		7.9	0	0	-	7.8	0	7.6		0	-	7.6					0	0	0		2.5	0	-	2.5	7.6
Buses		5	0	0	-	5	0	7		0	-	7					0	0	0		0	0	-	0	12
% Buses		0.8	0	0	-	0.8	0	0.3		0	-	0.3					0	0	0		0	0	-	0	0.4
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
Peds					1	-				1	-						4	-				2	-		8
% Peds					12.5	-				12.5	-						50	-				25	-		



Ontario Traffic Inc.
TRAFFIC MONITORING  SERVICES & PRODUCTS

Project #19366 - City of Vaughan

Intersection Count Report

Intersection: 9060 Jane St (R1R0)
Municipality: Vaughan
Count Date: Nov 23, 2019
Site Code: 1936600167
Count Categories: Cars, Trucks, Buses, Bicycles, Pedestrians
Count Period: 11:00-19:00
Weather: Clear

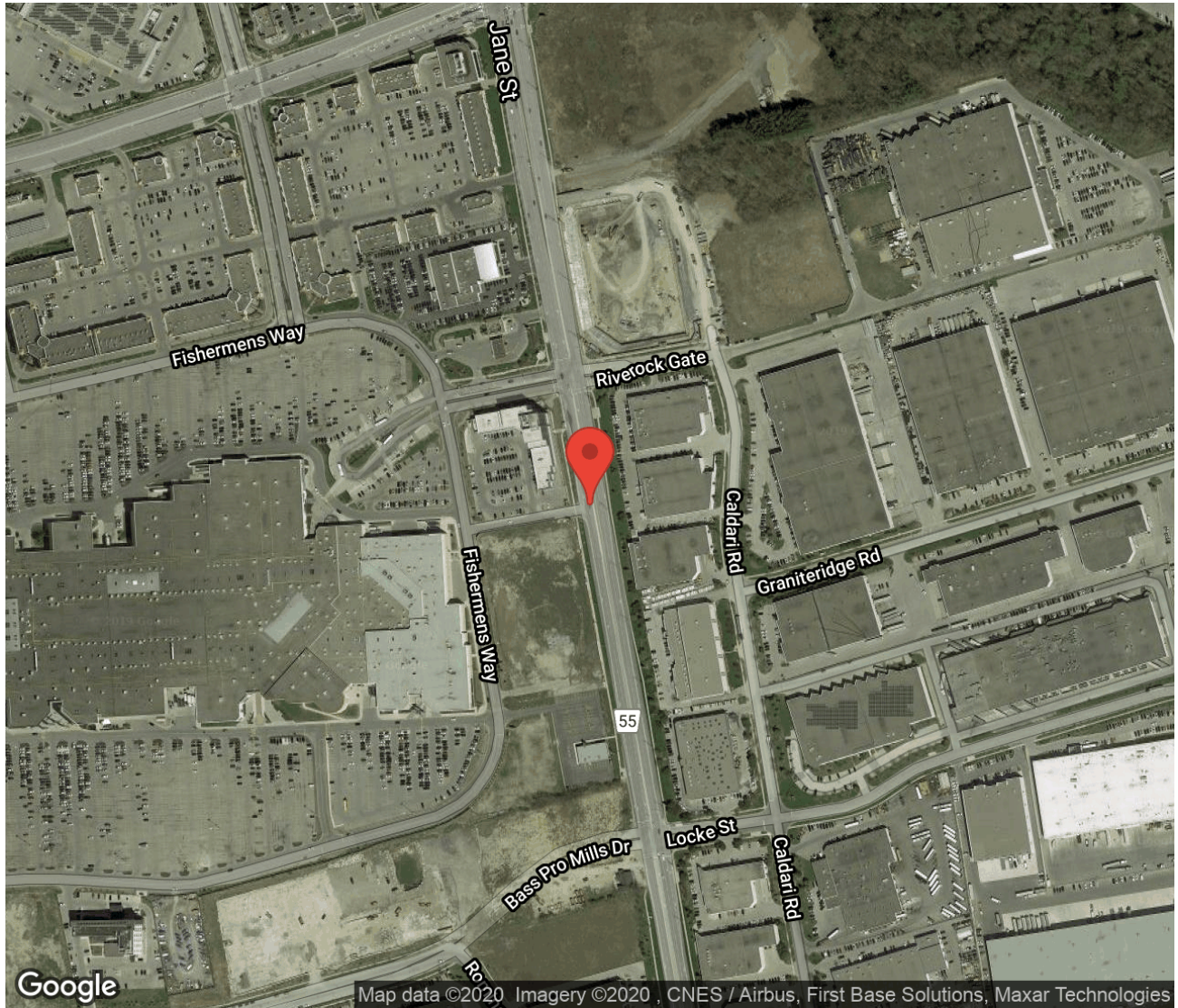


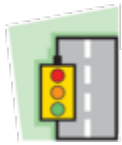
Traffic Count Map

Intersection: 9060 Jane St (RIRO)

Municipality: Vaughan

Count Date: Nov 23, 2019





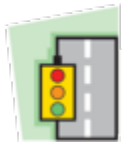
Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

Jane St - Traffic Summary

Hour	North Approach Totals						South Approach Totals					
	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	859	3	0	862	0	0	856	0	0	856	0
12:00 - 13:00	0	853	11	0	864	0	0	970	0	0	970	0
13:00 - 14:00	0	848	9	0	857	0	0	1010	0	0	1010	0
14:00 - 15:00	0	880	6	0	886	0	0	1034	0	0	1034	0
15:00 - 16:00	0	831	11	0	842	0	0	1086	0	0	1086	0
16:00 - 17:00	0	746	10	0	756	0	0	1079	0	0	1079	0
17:00 - 18:00	0	845	5	0	850	0	0	859	0	0	859	0
18:00 - 19:00	0	810	5	0	815	0	0	720	0	0	720	0
GRAND TOTAL	0	6672	60	0	6732	0	0	7614	0	0	7614	0



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Summary

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

9060 Jane St (RIRO) - Traffic Summary

East Approach Totals

West Approach Totals

Hour	Includes Cars, Trucks, Buses, Bicycles						Includes Cars, Trucks, Buses, Bicycles					
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds
11:00 - 12:00	0	0	0	0	0	2	0	0	23	0	23	2
12:00 - 13:00	0	0	0	0	0	0	0	0	38	0	38	0
13:00 - 14:00	0	0	0	0	0	1	0	0	56	0	56	2
14:00 - 15:00	0	0	0	0	0	0	0	0	69	0	69	2
15:00 - 16:00	0	0	0	0	0	2	1	0	79	0	80	1
16:00 - 17:00	0	0	0	0	0	0	0	0	91	0	91	0
17:00 - 18:00	0	0	0	0	0	0	0	0	115	0	115	0
18:00 - 19:00	0	0	0	0	0	1	0	0	83	0	83	0
GRAND TOTAL	0	0	0	0	0	6	1	0	554	0	555	7



Ontario Traffic Inc.
TRAFFIC MONITORING + SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	193	1	0	194	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
11:15	0	199	0	0	199	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
11:30	0	193	1	0	194	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
11:45	0	216	1	0	217	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
12:00	0	173	4	0	177	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
12:15	0	208	2	0	210	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
12:30	0	194	1	0	195	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
12:45	0	223	4	0	227	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
13:00	0	200	4	0	204	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
13:15	0	188	2	0	190	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
13:30	0	215	1	0	216	0	10	0	0	10	0	2	0	0	2	0	0	0	0	0	0
13:45	0	211	2	0	213	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
14:00	0	218	2	0	220	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
14:15	0	206	1	0	207	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
14:30	0	215	1	0	216	0	10	0	0	10	0	2	0	0	2	0	0	0	0	0	0
14:45	0	210	2	0	212	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
15:00	0	181	6	0	187	0	5	0	0	5	0	2	0	0	2	0	0	0	0	0	0
15:15	0	225	1	0	226	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
15:30	0	190	1	0	191	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
15:45	0	209	3	0	212	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
16:00	0	168	4	0	172	0	4	1	0	5	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

North Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	191	1	0	192	0	1	1	0	2	0	1	0	0	1	0	0	0	0	0	0
16:30	0	196	3	0	199	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
16:45	0	175	0	0	175	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
17:00	0	202	2	0	204	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
17:15	0	196	1	0	197	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
17:30	0	216	1	0	217	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
17:45	0	202	1	0	203	0	14	0	0	14	0	3	0	0	3	0	0	0	0	0	0
18:00	0	223	1	0	224	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	0
18:15	0	226	1	0	227	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:30	0	174	3	0	177	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
18:45	0	171	0	0	171	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	6407	58	0	6465	0	229	2	0	231	0	36	0	0	36	0	0	0	0	0	0
GRAND TOTAL	0	6407	58	0	6465	0	229	2	0	231	0	36	0	0	36	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	179	0	0	179	0	11	0	0	11	0	1	0	0	1	0	1	0	0	1	0
11:15	0	198	0	0	198	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
11:30	0	212	0	0	212	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
11:45	0	215	0	0	215	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
12:00	0	217	0	0	217	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
12:15	0	242	0	0	242	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
12:30	0	258	0	0	258	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
12:45	0	212	0	0	212	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
13:00	0	241	0	0	241	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
13:15	0	224	0	0	224	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
13:30	0	249	0	0	249	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
13:45	0	238	0	0	238	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
14:00	0	226	0	0	226	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
14:15	0	262	0	0	262	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
14:30	0	222	0	0	222	0	11	0	0	11	0	2	0	0	2	0	1	0	0	1	0
14:45	0	266	0	0	266	0	17	0	0	17	0	0	0	0	0	1	0	0	1	0	0
15:00	0	269	0	0	269	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
15:15	0	277	0	0	277	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
15:30	0	230	0	0	230	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
15:45	0	247	0	0	247	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
16:00	0	281	0	0	281	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

South Approach - Jane St

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	241	0	0	241	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
16:30	0	270	0	0	270	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
16:45	0	254	0	0	254	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
17:00	0	235	0	0	235	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
17:15	0	218	0	0	218	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0
17:30	0	202	0	0	202	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	191	0	0	191	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0
18:00	0	182	0	0	182	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
18:15	0	178	0	0	178	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
18:30	0	181	0	0	181	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
18:45	0	167	0	0	167	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	7284	0	0	7284	0	294	0	0	294	0	33	0	0	33	0	3	0	0	3	0
GRAND TOTAL	0	7284	0	0	7284	0	294	0	0	294	0	33	0	0	33	0	3	0	0	3	0



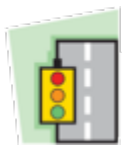
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Traffic Count Data

Intersection: 9060 Jane St (RIRO)
Municipality: Vaughan
Count Date: Nov 23, 2019

West Approach - 9060 Jane St (RIRO)

Start Time	Cars					Trucks					Buses					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
16:15	0	0	15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	26	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	20	0	20	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	35	0	35	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	31	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	30	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	23	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	25	0	25	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	16	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	542	0	542	0	0	12	0	12	0	0	0	0	0	1	0	0	0	1	7
GRAND TOTAL	0	0	542	0	542	0	0	12	0	12	0	0	0	0	0	1	0	0	0	1	7



Peak Hour Diagram

Specified Period

From: 11:00:00
To: 14:00:00

One Hour Peak

From: 12:15:00
To: 13:15:00

Intersection: 9060 Jane St (RIRO)
Site ID: 1936600167
Count Date: Nov 23, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	836	953	1789
	46	43	89
	3	5	8
	0	0	0
Totals	885	1001	1886

Jane St

	0	0	0
	0	3	0
	0	46	0
	11	825	0
Totals	11	874	0

Peds: 0

9060 Jane St (RIRO)

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	0	3	37	40

Peds: 2



Peds: 1

Peds: 0

West Approach

	Out	In	Total
	37	11	48
	3	0	3
	0	0	0
	0	0	0
Totals	40	11	51

	Out	In	Total
	0	953	0
	0	43	0
	0	5	0
	0	0	0
Totals	0	1001	0

Jane St

South Approach

	Out	In	Total
	953	862	1815
	43	49	92
	5	3	8
	0	0	0
Totals	1001	914	1915

- Cars

- Trucks

- Buses

- Bicycles

Comments



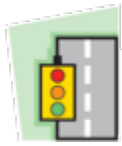
Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: 9060 Jane St (RIRO)
Count Date: Nov 23, 2019
Period: 11:00 - 14:00

Peak Hour Data (12:15 - 13:15)

Start Time	North Approach Jane St					South Approach Jane St					East Approach					West Approach 9060 Jane St (RIRO)					Total Vehicl es				
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑		→	↻	Peds	Total
12:15		222	2	0	0	224	0	258		0	0	258					0		0		8	0	0	8	490
12:30		213	1	0	0	214	0	264		0	0	264					0		0		10	0	0	10	488
12:45		230	4	0	0	234	0	222		0	0	222					0		0		10	0	0	10	466
13:00		209	4	0	0	213	0	257		0	0	257					1		0		12	0	2	12	482
Grand Total		874	11	0	0	885	0	1001		0	0	1001					1	0	0		40	0	2	40	1926
Approach %		98.8	1.2	0	-	-	0	100		0	0	-					0		0		100	0	-	-	
Totals %		45.4	0.6	0		46	0	52		0	52							0		0	2.1	0		2.1	
PHF		0.95	0.69	0		0.95	0	0.95		0	0.95						0	0	0		0.83	0		0.83	0.98
Cars		825	11	0		836	0	953		0	953						0	0	0		37	0		37	1826
% Cars		94.4	100	0		94.5	0	95.2		0	95.2						0	0	0		92.5	0		92.5	94.8
Trucks		46	0	0		46	0	43		0	43						0	0	0		3	0		3	92
% Trucks		5.3	0	0		5.2	0	4.3		0	4.3						0	0	0		7.5	0		7.5	4.8
Buses		3	0	0		3	0	5		0	5						0	0	0		0	0		0	8
% Buses		0.3	0	0		0.3	0	0.5		0	0.5						0	0	0		0	0		0	0.4
Bicycles		0	0	0		0	0	0		0	0						0	0	0		0	0		0	0
% Bicycles		0	0	0		0	0	0		0	0						0	0	0		0	0		0	0
Peds						0					0						1					2			3
% Peds						0					0						33.3					66.7			-



Peak Hour Diagram

Specified Period

From: 14:00:00
To: 19:00:00

One Hour Peak

From: 14:30:00
To: 15:30:00

Intersection: 9060 Jane St (RIRO)
Site ID: 1936600167
Count Date: Nov 23, 2019

Weather conditions:

**** Unsignalized Intersection ****

Major Road: Jane St runs N/S

North Approach

	Out	In	Total
	841	1034	1875
	31	68	99
	5	4	9
	0	2	2
Totals	877	1108	1985

Jane St

	0	0	0
	0	5	0
	0	31	0
	10	831	0
Totals	10	867	0

Peds: 0

9060 Jane St (RIRO)

					Totals
	0	0	0	0	0
	0	0	0	0	0
	0	0	3	75	78

Peds: 2



Peds: 2

Peds: 0

West Approach

	Out	In	Total
	75	10	85
	3	0	3
	0	0	0
	0	0	0
Totals	78	10	88

Totals			
	0	1108	0
	0	1034	0
	0	68	0
	0	4	0
	0	2	0

Jane St

South Approach

	Out	In	Total
	1034	906	1940
	68	34	102
	4	5	9
	2	0	2
Totals	1108	945	2053

- Cars

- Trucks

- Buses

- Bicycles

Comments



Ontario Traffic Inc.
TRAFFIC MONITORING SERVICES & PRODUCTS

Peak Hour Summary

Intersection: 9060 Jane St (RIRO)
Count Date: Nov 23, 2019
Period: 14:00 - 19:00

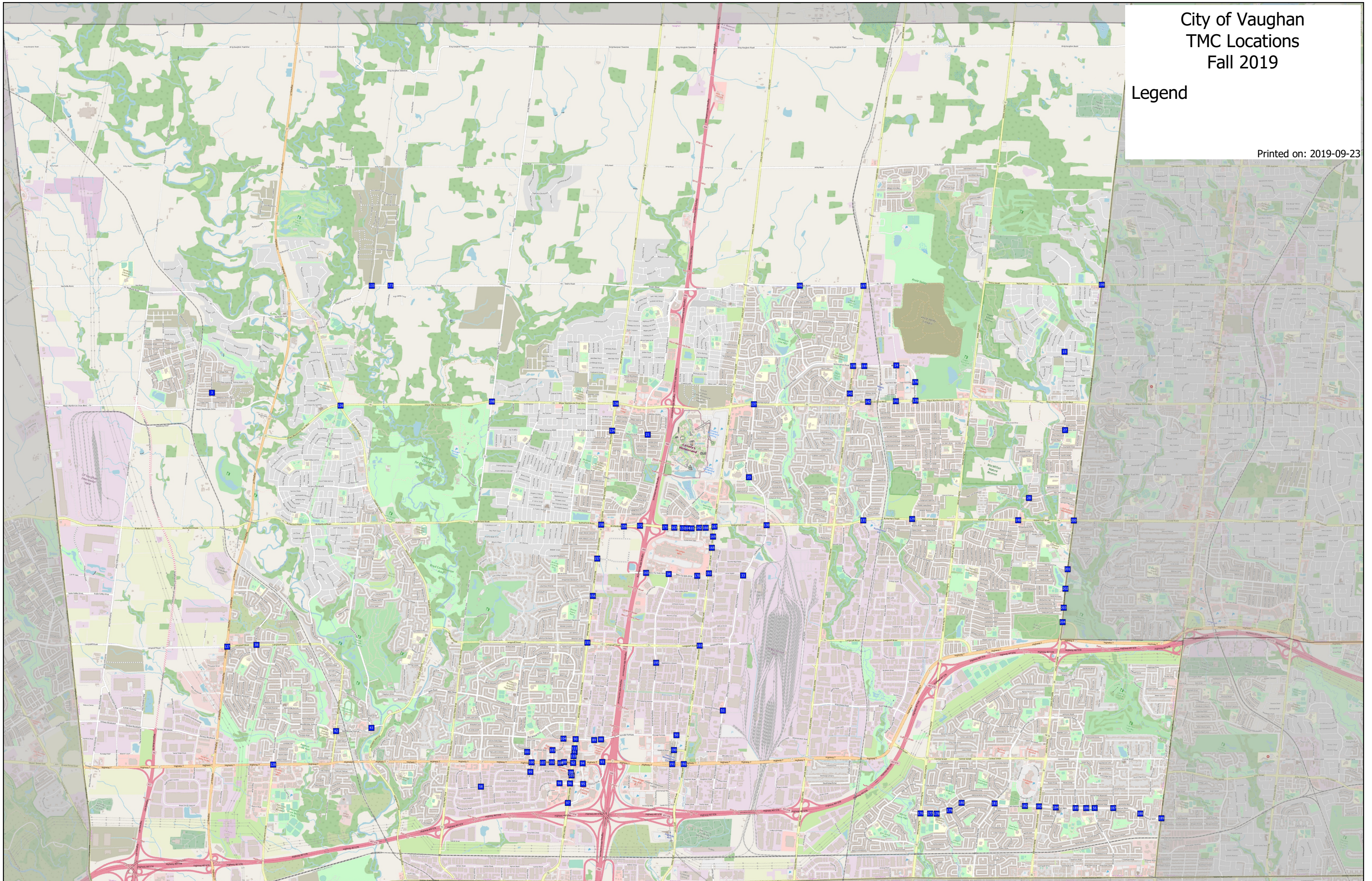
Peak Hour Data (14:30 - 15:30)

Start Time	North Approach Jane St					South Approach Jane St					East Approach					West Approach 9060 Jane St (RIRO)					Total Vehicles				
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑		→	↻	Peds	Total
14:30		227	1	0	0	228	0	236		0	0	236					0		0		18	0	2	18	482
14:45		215	2	0	0	217	0	284		0	0	284					0		0		16	0	0	16	517
15:00		188	6	0	0	194	0	292		0	0	292					0		0		18	0	0	18	504
15:15		237	1	0	0	238	0	296		0	0	296					2		0		26	0	0	26	560
Grand Total		867	10	0	0	877	0	1108		0	0	1108					2	0	0		78	0	2	78	2063
Approach %		98.9	1.1	0	-	-	0	100		0	-	-					-	-	0		100	0	-	-	
Totals %		42	0.5	0	-	42.5	0	53.7		0	-	53.7					0	-	0		3.8	0	-	3.8	
PHF		0.91	0.42	0	0	0.92	0	0.94		0	0	0.94					0	0	0		0.75	0	0	0.75	0.92
Cars		831	10	0	-	841	0	1034		0	-	1034					0	-	0		75	0	-	75	1950
% Cars		95.8	100	0	-	95.9	0	93.3		0	-	93.3					0	-	0		96.2	0	-	96.2	94.5
Trucks		31	0	0	-	31	0	68		0	-	68					0	-	0		3	0	-	3	102
% Trucks		3.6	0	0	-	3.5	0	6.1		0	-	6.1					0	-	0		3.8	0	-	3.8	4.9
Buses		5	0	0	-	5	0	4		0	-	4					0	-	0		0	0	-	0	9
% Buses		0.6	0	0	-	0.6	0	0.4		0	-	0.4					0	-	0		0	0	-	0	0.4
Bicycles		0	0	0	-	0	0	2		0	-	2					0	-	0		0	0	-	0	2
% Bicycles		0	0	0	-	0	0	0.2		0	-	0.2					0	-	0		0	0	-	0	0.1
Peds					0	-					0	-					2	-			2	0	-	2	4
% Peds					0	-					0	-					50	-			50	0	-	50	-

City of Vaughan
TMC Locations
Fall 2019

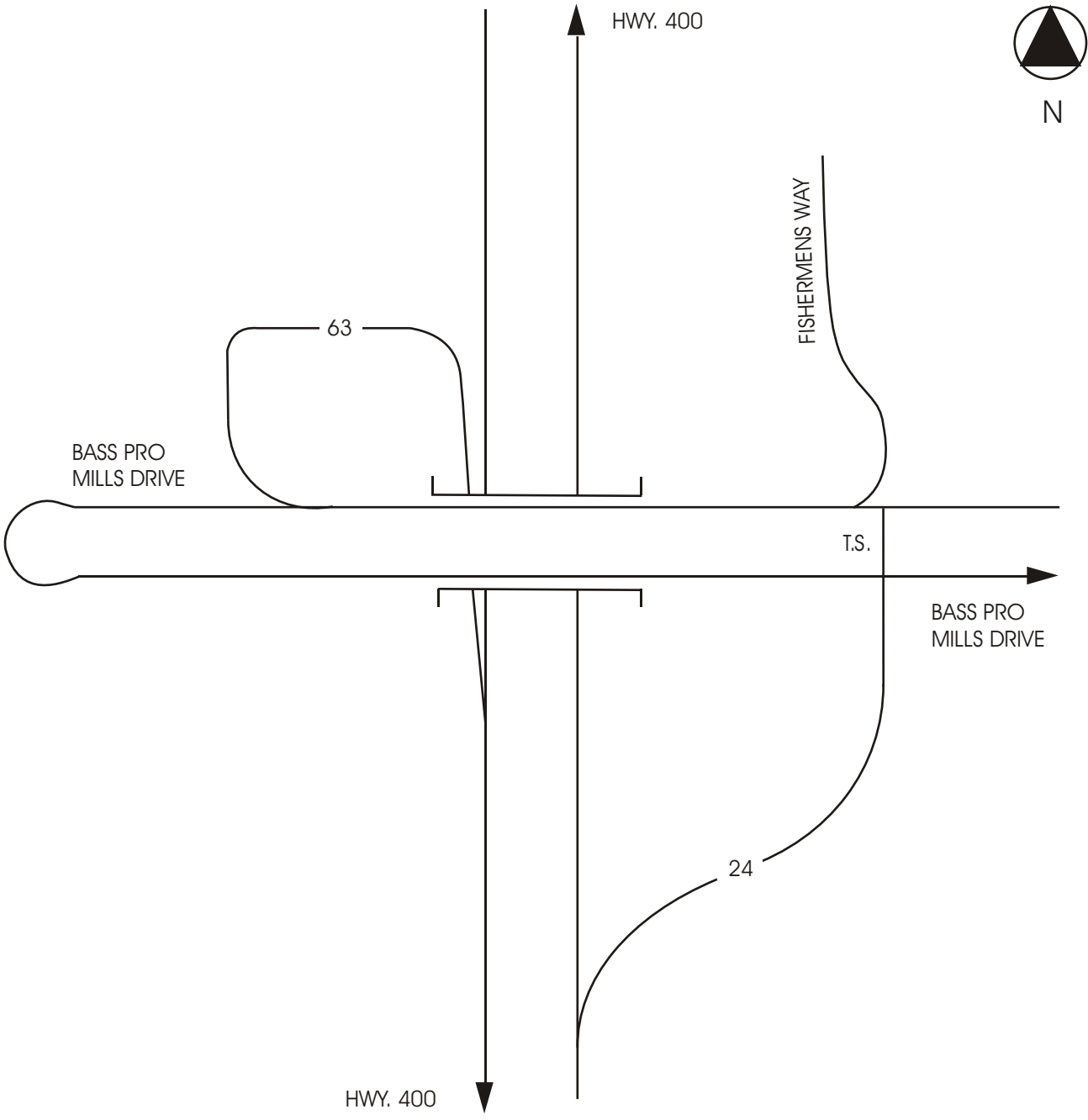
Legend

Printed on: 2019-09-23



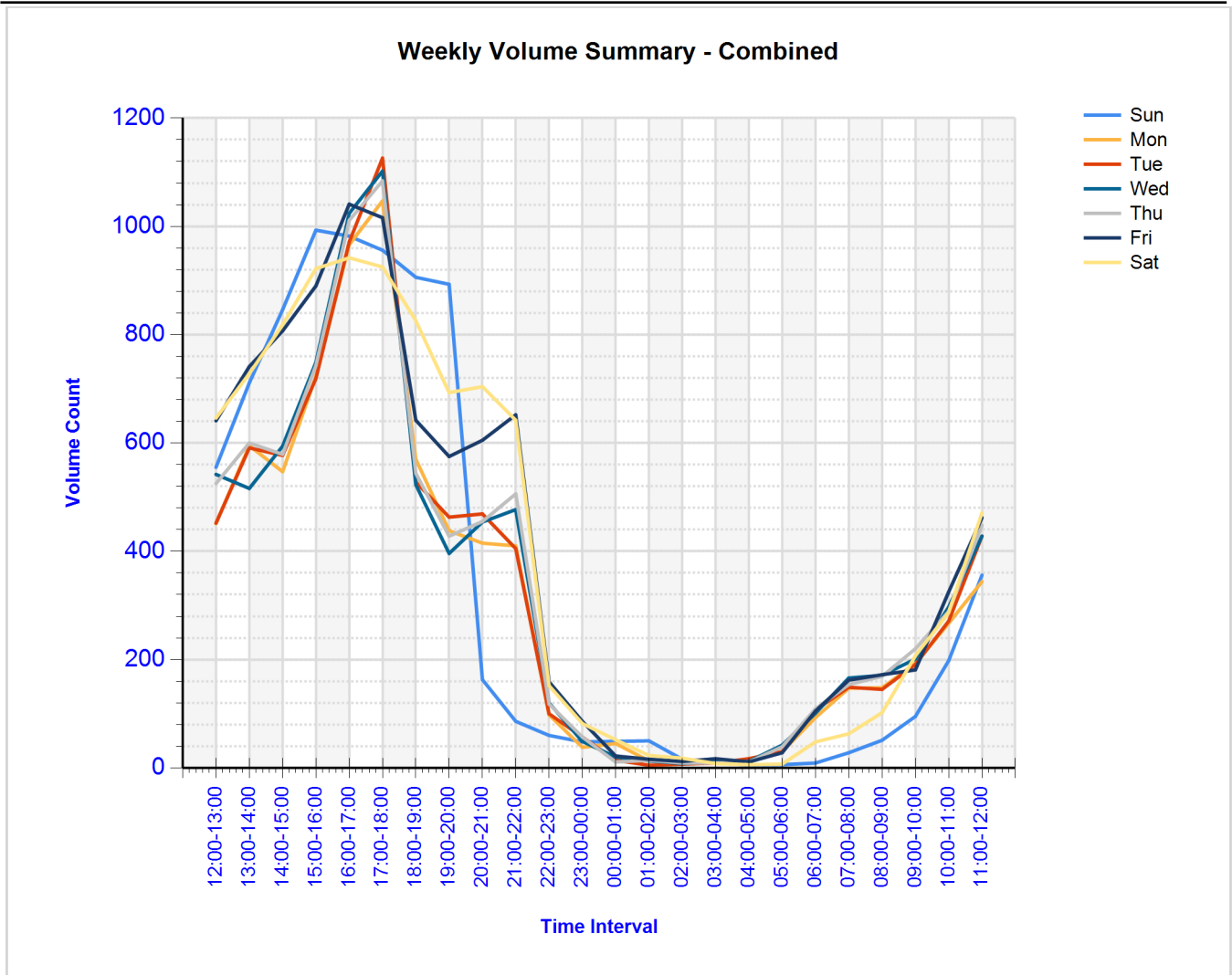
MINISTRY OF TRANSPORTATION INTERCHANGE FILE

HWY. <u>400 IC 32</u>	KEYPOINT NUMBER 46823/000
AT <u>BASS PRO MILLS DR.</u>	M.T.O. DISTRICT TORONTO
	O.P.P. DISTRICT 5 AURORA



Hwy: 400 **Between: BASS PRO MILLS DR IC 32**
TS: 122 **and: BASS PRO MILLS DR IC 32**
Regn: CENTRAL **Pattern: CTR** **PDCS: 09**
LHRS: 46823 **Offset: 0** **Locn: BASS PRO MILLS DR IC 32**
Ramp: 63 **Lanes: 1** **Speed:** **Dates: 04-Jun-2017 to 11-Jun-2017**

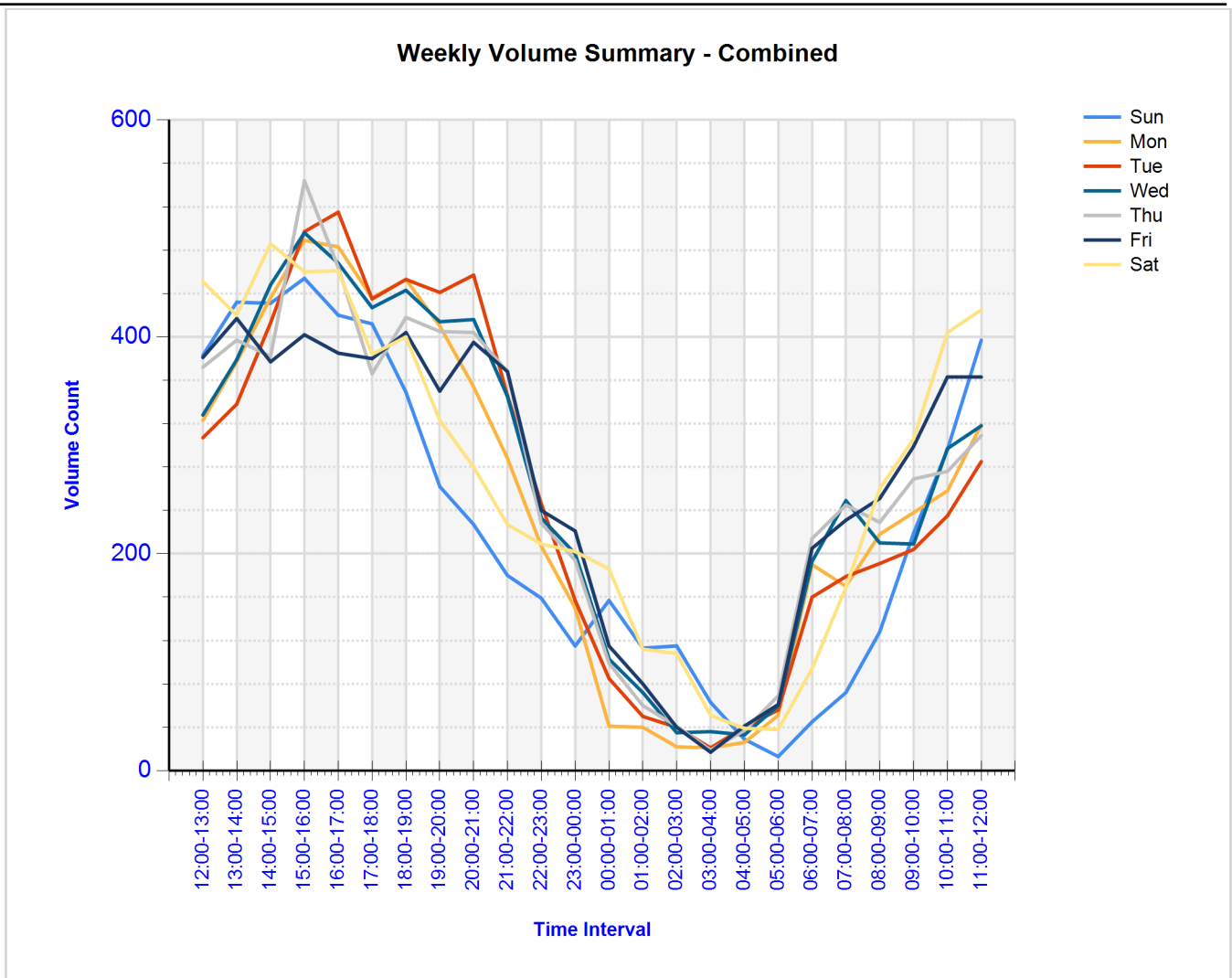
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		45	14	20	11	22	52	49
01:00-02:00		13	5	13	14	16	23	50
02:00-03:00		12	7	8	9	12	18	16
03:00-04:00		13	9	11	9	17	8	11
04:00-05:00		14	17	12	11	11	6	5
05:00-06:00		30	30	42	39	28	7	6
06:00-07:00		93	107	101	109	105	48	9
07:00-08:00		147	149	166	154	162	63	28
08:00-09:00		148	145	171	169	172	102	51
09:00-10:00		193	191	201	220	181	207	95
10:00-11:00		267	271	297	289	325	287	198
11:00-12:00		344	428	428	448	462	471	356
AM Total		1319	1373	1470	1482	1513	1292	874
12:00-13:00	555	451	452	542	525	641	646	
13:00-14:00	711	595	591	516	600	741	728	
14:00-15:00	846	547	577	594	579	807	818	
15:00-16:00	993	723	719	749	743	890	922	
16:00-17:00	982	966	971	1024	1011	1041	942	
17:00-18:00	956	1047	1126	1102	1084	1016	925	
18:00-19:00	906	570	528	523	544	642	826	
19:00-20:00	893	438	463	396	428	575	693	
20:00-21:00	163	415	469	454	455	605	704	
21:00-22:00	86	410	405	477	506	652	642	
22:00-23:00	60	98	100	120	118	159	152	
23:00-00:00	48	38	57	49	57	86	82	
PM Total	7199	6298	6458	6546	6650	7855	8080	
24h. Total	7199	7617	7831	8016	8132	9368	9372	874
Noon - Noon	8518	7671	7928	8028	8163	9147	8954	
ADT	8344	7948						
AWD								



Ramp Weekly Volume Summary

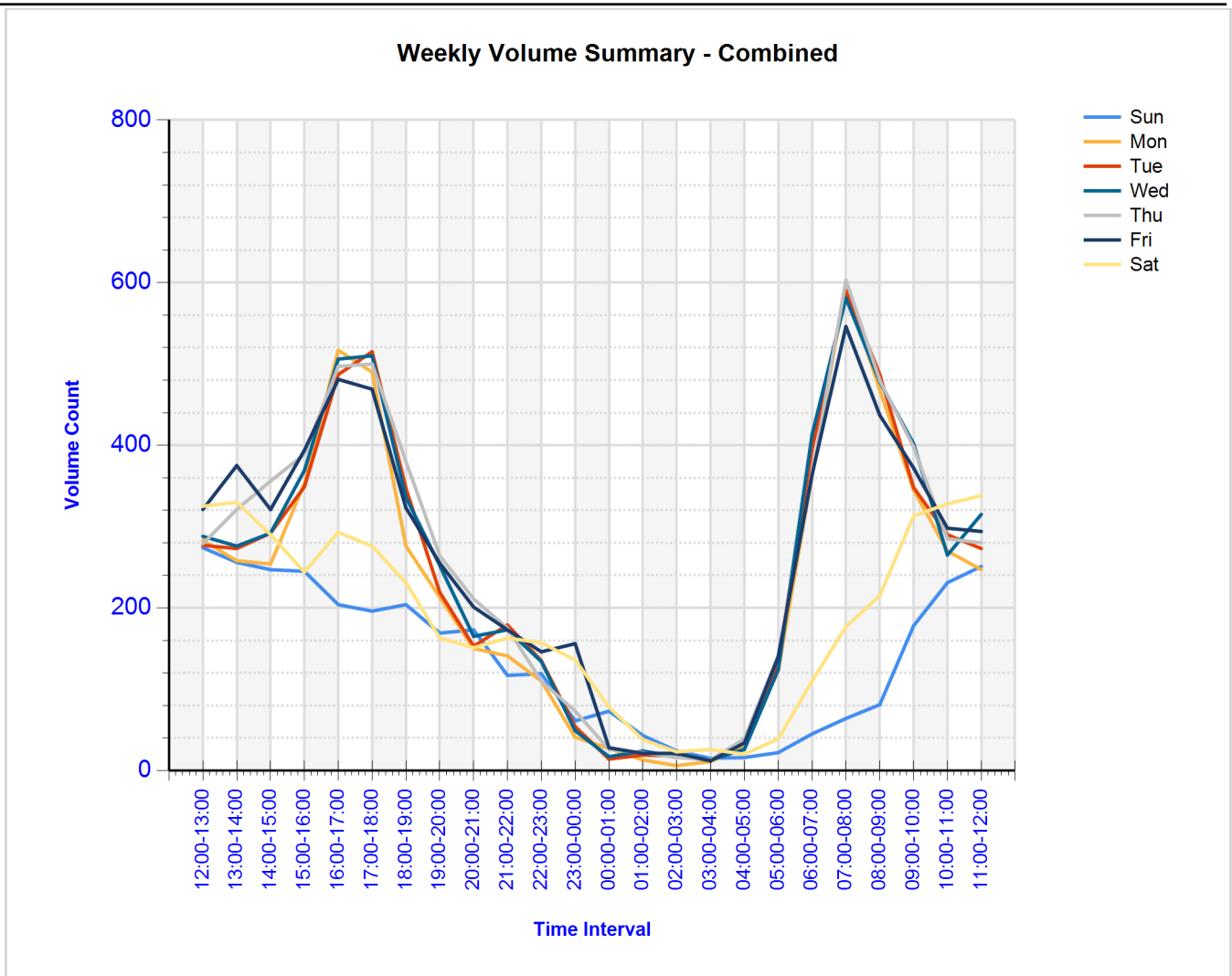
Hwy: 400 **Between: HWY 7 IC 29-VAUGHAN**
TS: 120 **and: LANGSTAFF RD IC 30**
Regn: CENTRAL **Pattern: CR** **PDCS: 37**
LHRS: 46820 **Offset: 0** **Locn: HWY 7 IC 29-VAUGHAN**
Ramp: 62 **Lanes: 1** **Speed:** **Dates: 04-Jun-2017 to 11-Jun-2017**

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		41	85	103	99	115	186	157
01:00-02:00		40	50	72	60	80	112	113
02:00-03:00		22	40	35	41	40	108	115
03:00-04:00		21	21	36	19	17	51	63
04:00-05:00		26	40	33	37	41	39	29
05:00-06:00		51	56	60	69	61	38	13
06:00-07:00		190	160	193	214	205	94	45
07:00-08:00		170	179	249	245	231	169	72
08:00-09:00		218	191	210	229	251	260	128
09:00-10:00		238	204	209	269	299	306	219
10:00-11:00		258	235	297	276	363	404	296
11:00-12:00		319	285	318	309	363	425	397
AM Total		1594	1546	1815	1867	2066	2192	1647
12:00-13:00	383	323	307	328	372	381	451	
13:00-14:00	432	377	338	379	397	417	420	
14:00-15:00	431	436	413	448	382	377	486	
15:00-16:00	454	489	497	496	544	402	460	
16:00-17:00	420	483	515	468	464	385	461	
17:00-18:00	412	436	435	427	366	380	384	
18:00-19:00	349	453	453	443	418	404	400	
19:00-20:00	262	410	441	414	405	350	323	
20:00-21:00	227	354	457	416	404	395	280	
21:00-22:00	180	288	346	345	368	368	227	
22:00-23:00	159	207	246	233	228	240	209	
23:00-00:00	115	150	157	200	194	221	202	
PM Total	3824	4406	4605	4597	4542	4320	4303	
24h. Total	3824	6000	6151	6412	6409	6386	6495	1647
Noon - Noon	5418	5952	6420	6464	6608	6512	5950	
ADT	6189	6361						
AWD								



Hwy: 400 **Between: LANGSTAFF RD IC 30**
TS: 122 **and: BASS PRO MILLS DR IC 32**
Regn: CENTRAL **Pattern: CTR** **PDCS: 09**
LHRS: 46822 **Offset: 0** **Locn: LANGSTAFF RD IC 30**
Ramp: 43 **Lanes: 1** **Speed:** **Dates: 04-Jun-2017 to 11-Jun-2017**

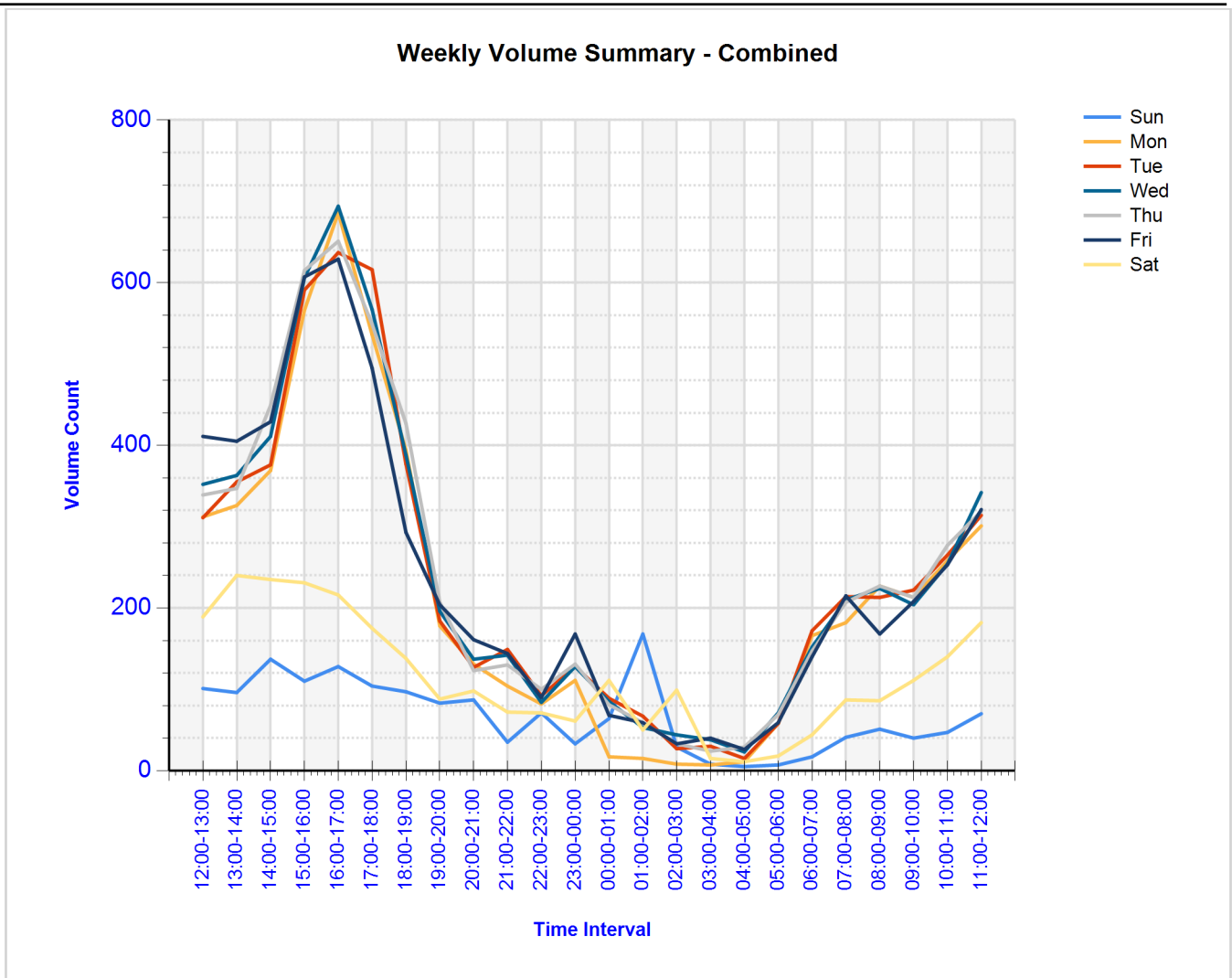
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		27	14	17	26	28	78	73
01:00-02:00		13	19	24	22	21	38	43
02:00-03:00		6	18	17	16	21	23	24
03:00-04:00		11	12	13	13	12	26	15
04:00-05:00		30	34	26	39	34	20	16
05:00-06:00		123	134	124	141	140	39	22
06:00-07:00		363	395	413	362	364	110	45
07:00-08:00		596 ◀	590 ◀	581 ◀	603 ◀	546 ◀	177	64
08:00-09:00		468	487	478	480	437	215 ◀	81 ◀
09:00-10:00		345	348	402	398	372	313	178
10:00-11:00		270	290	265	285	298	328	231
11:00-12:00		247	273	315 ◀	280	294	338 ◀	251 ◀
AM Total		2499	2614	2675	2665	2567	1705	1043
12:00-13:00	274 ◀	283 ◀	277 ◀	288	279	321	325	
13:00-14:00	256	258	273	276	321 ◀	375 ◀	330	
14:00-15:00	247	254	292	292	356	321	290	
15:00-16:00	245 ◀	353	349	369	389	394	244	
16:00-17:00	204	517 ◀	487	506	497	481 ◀	293 ◀	
17:00-18:00	196	490	515 ◀	510 ◀	500 ◀	469	276	
18:00-19:00	204	276	347	336	380	323	231	
19:00-20:00	169	213	219	252	264	255	163	
20:00-21:00	173	150	153	165	211	201	151	
21:00-22:00	117	141	179	173	175	173	163	
22:00-23:00	119	110	135	134	110	146	157	
23:00-00:00	61	41	54	49	73	156	136	
PM Total	2265	3086	3280	3350	3555	3615	2759	
24h. Total	2265	5585	5894	6025	6220	6182	4464	1043
Noon - Noon	4764	5700	5955	6015	6122	5320	3802	
ADT	5383	5948						
AWD								



Ramp Weekly Volume Summary

Hwy: 400 **Between:** LANGSTAFF RD IC 30
TS: 122 **and:** BASS PRO MILLS DR IC 32
Regn: CENTRAL **Pattern:** CTR **PDCS:** 09
LHRS: 46822 **Offset:** 0 **Locn:** LANGSTAFF RD IC 30
Ramp: 63 **Lanes:** 1 **Speed:** **Dates:** 04-Jun-2017 to 11-Jun-2017

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		17	89	85	81	68	111	64
01:00-02:00		15	67	53	59	59	50	168
02:00-03:00		8	27	44	33	33	99	29
03:00-04:00		7	30	38	24	40	15	8
04:00-05:00		11	15	23	29	26	11	5
05:00-06:00		58	58	71	69	59	18	7
06:00-07:00		166	172	152	147	140	44	17
07:00-08:00		182	214	210	207	215	87	41
08:00-09:00		227	213	224	227	168	86	51
09:00-10:00		213	222	204	213	208	111	40
10:00-11:00		258	265	254	277	253	140	47
11:00-12:00		301	314	342	319	321	182	70
AM Total		1463	1686	1700	1685	1590	954	547
12:00-13:00	101	312	311	352	339	411	189	
13:00-14:00	96	326	355	363	347	405	240	
14:00-15:00	137	369	376	411	449	429	235	
15:00-16:00	110	566	591	606	615	607	231	
16:00-17:00	128	686	637	694	651	629	216	
17:00-18:00	104	536	616	567	549	495	175	
18:00-19:00	97	394	377	388	427	293	138	
19:00-20:00	83	178	184	196	207	204	88	
20:00-21:00	87	131	127	137	123	161	98	
21:00-22:00	35	104	149	142	130	144	72	
22:00-23:00	71	82	92	84	100	90	71	
23:00-00:00	33	111	128	128	131	168	61	
PM Total	1082	3795	3943	4068	4068	4036	1814	
24h. Total	1082	5258	5629	5768	5753	5626	2768	547
Noon - Noon	2545	5481	5643	5753	5658	4990	2361	
ADT	4633	5634						
AWD								





Weekly Volume Summary

Tue, Apr 01, 2014

Location: Hwy 400 & Bass Pro Rd - Ramp 24 - Off Ramp - Hwy 400 NB to Bass Pro Rd.

LHRS/Offset: 46823 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46823024

Count Direction: N/A

Report Dates: Feb 3, 2014 to Feb 9, 2014

Hour Interval	Mon 14/02/03	Tue 4	Wed 5	Thu 6	Fri 7	Sat 8	Sun 9	Mon 10
0:00- 1:00		17	12	11	14	27	23	11
1:00- 2:00		5	6	3	11	11	16	9
2:00- 3:00		9	9	7	13	7	6	4
3:00- 4:00		13	11	5	14	9	16	8
4:00- 5:00		22	21	26	28	11	6	26
5:00- 6:00		89	83	76	83	34	18	87
6:00- 7:00		303	215	267	271	58	33	278
7:00- 8:00		463	331	395	459	122	55	445
8:00- 9:00		664	503	593	643	179	83	596
9:00-10:00		520	433	591	565	403	170	484
10:00-11:00		476	251	464	508	651	468	454
11:00-12:00		556	229	503	646	756	662	575
AM Total	0	3,137	2,104	2,941	3,255	2,268	1,556	2,977
12:00-13:00	518	530	207	580	666	901	698	
13:00-14:00	524	490	221	516	597	1,055	774	
14:00-15:00	490	482	247	474	637	1,023	747	
15:00-16:00	480	472	190	464	550	985	682	
16:00-17:00	437	447	295	469	497	846	578	
17:00-18:00	405	400	277	488	432	701	393	
18:00-19:00	354	329	169	336	490	533	192	
19:00-20:00	253	299	144	293	427	346	108	
20:00-21:00	136	154	91	167	239	173	64	
21:00-22:00	66	71	51	74	105	96	60	
22:00-23:00	35	31	24	39	63	63	31	
23:00-24:00	22	16	14	23	30	30	11	
PM Total	3,720	3,721	1,930	3,923	4,733	6,752	4,338	0
24 Hr. Total	3,720	6,858	4,034	6,864	7,988	9,020	5,894	2,977
Noon - Noon	6,857	5,825	4,871	7,178	7,001	8,308	7,315	
	ADT 6,765	AWD 6,183	AADT	AAWD	SADT	SAWDT	WADT	DHV



Weekly Volume Summary

Tue, Apr 01, 2014

Location: Hwy 400 & Bass Pro Rd - Ramp 63 - On Ramp - Hwy 400 SB from Bass Pro Rd. WB

LHRS/Offset: 46823 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46823063

Count Direction: N/A

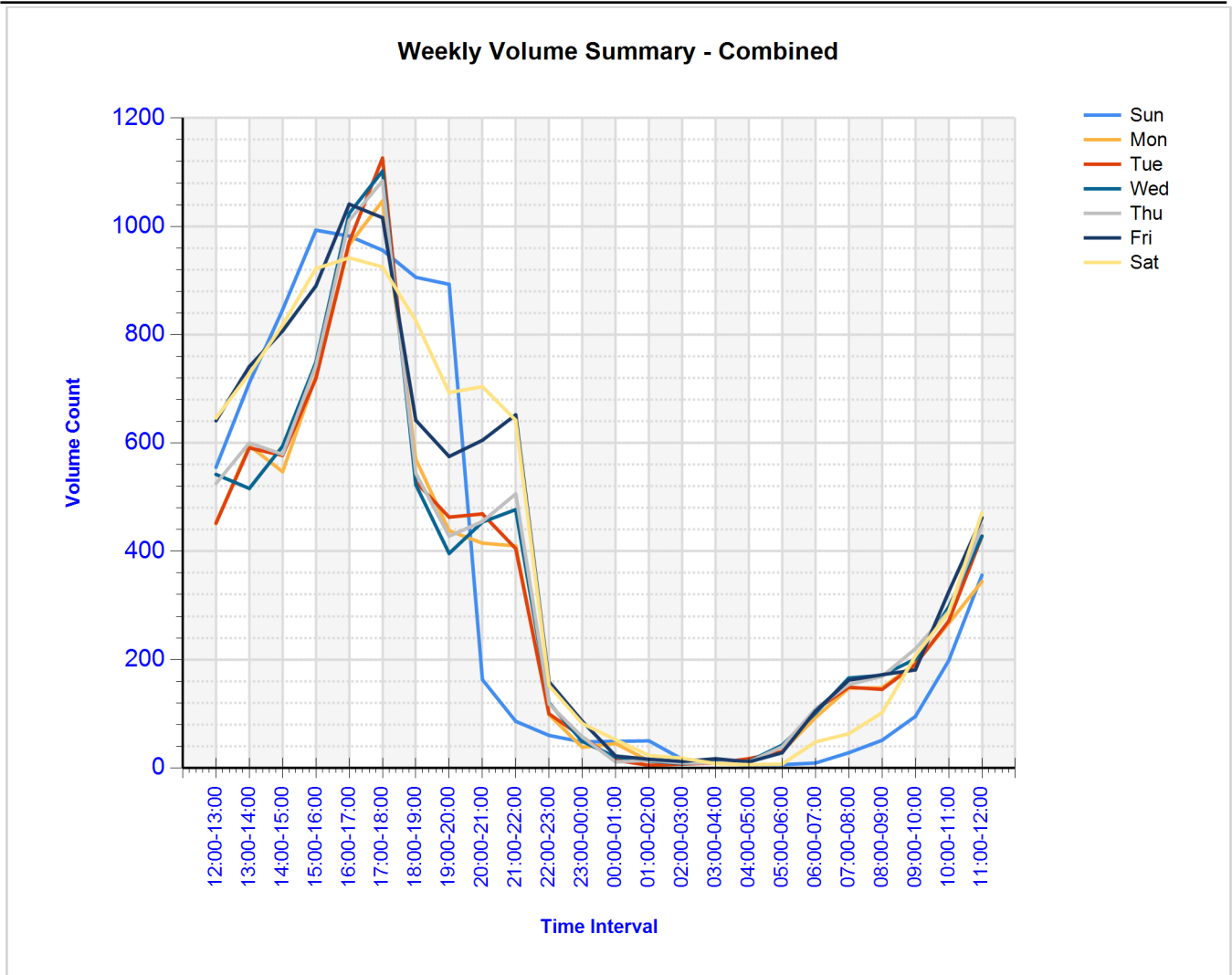
Report Dates: Feb 3, 2014 to Feb 9, 2014

Hour Interval	Mon 14/02/03	Tue 4	Wed 5	Thu 6	Fri 7	Sat 8	Sun 9	Mon 10
0:00- 1:00		9	6	16	15	27	52	19
1:00- 2:00		11	6	4	15	15	32	8
2:00- 3:00		4	4	7	19	15	17	5
3:00- 4:00		18	6	7	9	5	4	4
4:00- 5:00		11	10	6	9	8	4	9
5:00- 6:00		23	21	15	26	7	5	29
6:00- 7:00		68	48	66	60	17	16	54
7:00- 8:00		97	70	100	114	37	21	100
8:00- 9:00		103	73	109	127	42	35	104
9:00-10:00		146	82	148	183	113	54	130
10:00-11:00		237	81	182	213	187	127	172
11:00-12:00		254	92	284	317	339	219	260
AM Total	0	981	499	944	1,107	812	586	894
12:00-13:00	322	369	145	347	382	483	325	
13:00-14:00	386	402	187	373	538	555	487	
14:00-15:00	397	453	251	396	513	705	546	
15:00-16:00	457	460	337	485	552	844	615	
16:00-17:00	657	679	417	663	770	793	631	
17:00-18:00	762	777	359	745	737	834	575	
18:00-19:00	390	402	187	376	415	688	458	
19:00-20:00	259	279	130	305	336	510	391	
20:00-21:00	256	262	126	283	327	456	74	
21:00-22:00	214	250	136	291	346	385	60	
22:00-23:00	60	62	43	72	112	114	34	
23:00-24:00	34	33	25	39	56	87	22	
PM Total	4,194	4,428	2,343	4,375	5,084	6,454	4,218	0
24 Hr. Total	4,194	5,409	2,842	5,319	6,191	7,266	4,804	894
Noon - Noon	5,175	4,927	3,287	5,482	5,896	7,040	5,112	
	ADT 5,274	AWD 4,718	AADT	AAWD	SADT	SAWDT	WADT	DHV

Ramp Weekly Volume Summary

Hwy: 400 **Between: BASS PRO MILLS DR IC 32**
TS: 122 **and: BASS PRO MILLS DR IC 32**
Regn: CENTRAL **Pattern: CTR** **PDCS: 09**
LHRS: 46823 **Offset: 0** **Locn: BASS PRO MILLS DR IC 32**
Ramp: 63 **Lanes: 1** **Speed:** **Dates: 04-Jun-2017 to 11-Jun-2017**

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		45	14	20	11	22	52	49
01:00-02:00		13	5	13	14	16	23	50
02:00-03:00		12	7	8	9	12	18	16
03:00-04:00		13	9	11	9	17	8	11
04:00-05:00		14	17	12	11	11	6	5
05:00-06:00		30	30	42	39	28	7	6
06:00-07:00		93	107	101	109	105	48	9
07:00-08:00		147	149	166	154	162	63	28
08:00-09:00		148	145	171	169	172	102	51
09:00-10:00		193	191	201	220	181	207	95
10:00-11:00		267	271	297	289	325	287	198
11:00-12:00		344	428	428	448	462	471	356
AM Total		1319	1373	1470	1482	1513	1292	874
12:00-13:00	555	451	452	542	525	641	646	
13:00-14:00	711	595	591	516	600	741	728	
14:00-15:00	846	547	577	594	579	807	818	
15:00-16:00	993	723	719	749	743	890	922	
16:00-17:00	982	966	971	1024	1011	1041	942	
17:00-18:00	956	1047	1126	1102	1084	1016	925	
18:00-19:00	906	570	528	523	544	642	826	
19:00-20:00	893	438	463	396	428	575	693	
20:00-21:00	163	415	469	454	455	605	704	
21:00-22:00	86	410	405	477	506	652	642	
22:00-23:00	60	98	100	120	118	159	152	
23:00-00:00	48	38	57	49	57	86	82	
PM Total	7199	6298	6458	6546	6650	7855	8080	
24h. Total	7199	7617	7831	8016	8132	9368	9372	874
Noon - Noon	8518	7671	7928	8028	8163	9147	8954	
ADT	8344	7948						
AWD								





Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 24 - Hwy 400 NB to Rutherford Rd

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824024

Count Direction: N/A/N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		637	679	260	295	313	302	353
1:00- 2:00		358	401	107	121	165	149	189
2:00- 3:00		232	307	68	86	102	109	119
3:00- 4:00		147	186	54	57	70	45	68
4:00- 5:00		83	115	87	77	77	81	84
5:00- 6:00		134	62	215	262	258	263	260
6:00- 7:00		231	109	698	687	706	687	655
7:00- 8:00		419	223	858	920	873	869	841
8:00- 9:00		804	492	969	952	938	937	923
9:00-10:00		1,170	1,242	1,217	981	1,014	963	1,247
10:00-11:00		1,406	1,465	1,347	1,028	1,114	1,034	1,266
11:00-12:00		1,356	1,468	1,126	1,008	1,087	1,049	1,175
AM Total	0	6,977	6,749	7,006	6,474	6,717	6,488	7,180
12:00-13:00	1,298	1,467	1,450	1,057	1,007	1,052	1,069	
13:00-14:00	1,250	1,448	1,394	968	1,036	1,042	1,119	
14:00-15:00	1,611	1,467	1,371	1,303	1,235	1,183	1,231	
15:00-16:00	1,286	1,486	1,316	1,441	1,413	1,126	1,235	
16:00-17:00	1,289	1,468	1,369	1,397	1,257	1,169	1,152	
17:00-18:00	1,328	1,428	1,279	1,566	1,284	1,322	1,267	
18:00-19:00	1,358	1,273	1,187	1,515	1,633	1,540	1,539	
19:00-20:00	1,605	1,064	1,019	1,082	1,276	1,299	1,268	
20:00-21:00	1,235	874	902	962	1,047	1,026	1,116	
21:00-22:00	1,035	875	811	815	664	905	1,034	
22:00-23:00	826	864	681	600	461	751	723	
23:00-24:00	732	712	445	467	505	461	564	
PM Total	14,853	14,426	13,224	13,173	12,818	12,876	13,317	0
24 Hr. Total	14,853	21,403	19,973	20,179	19,292	19,593	19,805	7,180
Noon - Noon	21,830	21,175	20,230	19,647	19,535	19,364	20,497	
	ADT	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
	20,325	19,761						



Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 34 - Hwy 400 SB to Rutherford Rd

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

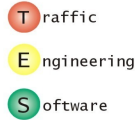
PCS#: n/a

Hwy. TVIS#: 46824034

Count Direction: N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		122	164	90	71	64	88	111
1:00- 2:00		82	102	27	37	31	42	55
2:00- 3:00		68	68	31	32	36	40	55
3:00- 4:00		42	31	25	46	26	27	34
4:00- 5:00		39	44	75	69	86	82	78
5:00- 6:00		83	39	267	255	273	274	271
6:00- 7:00		163	86	749	728	746	813	718
7:00- 8:00		229	97	648	638	623	671	798
8:00- 9:00		311	162	728	627	610	658	881
9:00-10:00		597	335	825	862	841	847	889
10:00-11:00		756	554	806	776	794	834	772
11:00-12:00		711	702	640	743	739	789	735
AM Total	0	3,203	2,384	4,911	4,884	4,869	5,165	5,397
12:00-13:00	732	777	767	743	714	734	758	
13:00-14:00	728	686	729	666	629	664	688	
14:00-15:00	674	685	679	696	678	641	646	
15:00-16:00	638	595	660	661	544	609	585	
16:00-17:00	592	586	605	577	562	633	608	
17:00-18:00	611	608	512	521	572	572	592	
18:00-19:00	547	560	508	490	538	574	560	
19:00-20:00	570	506	376	424	510	476	485	
20:00-21:00	438	393	291	358	385	373	407	
21:00-22:00	310	331	294	246	300	293	315	
22:00-23:00	252	301	219	176	196	184	242	
23:00-24:00	213	269	199	180	178	127	170	
PM Total	6,305	6,297	5,839	5,738	5,806	5,880	6,056	0
24 Hr. Total	6,305	9,500	8,223	10,649	10,690	10,749	11,221	5,397
Noon - Noon	9,508	8,681	10,750	10,622	10,675	11,045	11,453	
ADT	10,391	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
		10,949						



Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 53 - Rutherford Rd EB to Hwy 400 SB

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824053

Count Direction: N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		146	222	58	52	57	107	73
1:00- 2:00		96	120	22	19	23	34	43
2:00- 3:00		52	80	19	15	18	22	40
3:00- 4:00		34	48	26	21	23	21	27
4:00- 5:00		59	45	71	77	85	97	99
5:00- 6:00		130	59	457	422	454	448	420
6:00- 7:00		300	145	857	926	867	887	879
7:00- 8:00		416	205	1,134	1,185	1,158	1,194	1,132
8:00- 9:00		564	324	1,059	1,085	1,055	1,065	1,002
9:00-10:00		696	548	702	809	715	745	712
10:00-11:00		630	645	472	572	533	530	550
11:00-12:00		605	627	465	471	447	449	520
AM Total	0	3,728	3,068	5,342	5,654	5,435	5,599	5,497
12:00-13:00	492	572	581	451	410	411	444	
13:00-14:00	445	572	561	365	395	388	424	
14:00-15:00	412	589	506	409	438	359	447	
15:00-16:00	421	555	517	405	430	392	466	
16:00-17:00	392	558	443	375	380	381	398	
17:00-18:00	385	515	465	380	432	401	392	
18:00-19:00	460	539	439	419	424	477	470	
19:00-20:00	493	456	445	397	429	425	474	
20:00-21:00	455	396	347	314	350	373	398	
21:00-22:00	303	405	306	281	301	230	304	
22:00-23:00	304	374	227	193	211	211	223	
23:00-24:00	249	312	159	98	116	181	159	
PM Total	4,811	5,843	4,996	4,087	4,316	4,229	4,599	0
24 Hr. Total	4,811	9,571	8,064	9,429	9,970	9,664	10,198	5,497
Noon - Noon	8,539	8,911	10,338	9,741	9,751	9,828	10,096	
	ADT	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
	9,601	9,854						

Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 63 - Rutherford Rd WB to Hwy 400 SB

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824063

Count Direction: N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		254	210	67	132	111	98	162
1:00- 2:00		98	143	22	80	63	56	86
2:00- 3:00		66	56	16	35	50	48	39
3:00- 4:00		53	41	19	41	40	44	39
4:00- 5:00		37	46	25	75	75	76	52
5:00- 6:00		99	49	256	239	240	262	248
6:00- 7:00		199	109	585	645	632	604	559
7:00- 8:00		296	132	926	924	922	909	863
8:00- 9:00		449	200	1,134	1,030	1,056	1,019	966
9:00-10:00		532	410	771	723	687	759	667
10:00-11:00		641	589	645	616	650	580	597
11:00-12:00		707	640	578	598	608	620	649
AM Total	0	3,431	2,625	5,044	5,138	5,134	5,075	4,927
12:00-13:00	723	709	680	602	585	642	656	
13:00-14:00	827	691	729	710	618	665	642	
14:00-15:00	714	737	800	676	645	673	690	
15:00-16:00	764	705	812	764	680	691	710	
16:00-17:00	623	809	881	739	629	672	603	
17:00-18:00	619	859	872	550	498	550	481	
18:00-19:00	704	908	899	663	583	613	645	
19:00-20:00	850	894	933	746	737	742	660	
20:00-21:00	803	819	850	749	705	691	697	
21:00-22:00	792	859	585	481	446	417	530	
22:00-23:00	808	935	410	361	342	318	339	
23:00-24:00	392	416	183	256	210	127	272	
PM Total	8,619	9,341	8,634	7,297	6,678	6,801	6,925	0
24 Hr. Total	8,619	12,772	11,259	12,341	11,816	11,935	12,000	4,927
Noon - Noon	12,050	11,966	13,678	12,435	11,812	11,876	11,852	
	ADT 12,238	AWD 11,994	AADT	AAWD	SADT	SAWDT	WADT	DHV

SEVEN DAY HOURLY REPORT

Station 1:	400DN0120DNS					
HIGHWAY:	400	STREAM:	SINGLE ROADWAY	DIRECTION:	NORTH BOUND	
LHRS / OFFSET:	46822 / 0.14	LOCATION:	(43.811, -79.544)	CONFIDENCE LEVEL:	95%	
DESCRIPTION	AT LANGSTAFF					

HOUR-ENDING	TUE	WED	THU	FRI	SAT	SUN	MON
	03-Sep-19	04-Sep-19	05-Sep-19	06-Sep-19	07-Sep-19	08-Sep-19	09-Sep-19
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	950	1234	1433	1513	2886	2418	995
02:00	543	647	774	767	1503	1549	543
03:00	344	424	540	537	921	996	358
04:00	278	331	487	479	728	705	327
05:00	563	612	840	662	631	508	601
06:00	1942	1811	2061	1871	990	568	1976
07:00	3909	4137	3987	4129	2078	1070	3991
08:00	4608	4649	4950	5139	3241	1864	5001
09:00	4612	4893	5111	5234	4552	2583	4852
10:00	4464	4501	4815	5103	6015	4442	4501
11:00	4708	4604	4853	5399	7047	6009	4590
12:00	4952	4892	5236	6036	7241	6573	4942
13:00	5118	5303	5487	6578	7491	6754	4815
14:00	5746	5713	6094	7074	7394	7217	5754
15:00	6914	7131	7460	7800	7410	6728	6967
16:00	8134	8125	7474	6264	7303	6677	7993
17:00	8197	7170	6750	6027	6833	6508	7320
18:00	7826	7382	7175	6679	6521	6187	7889
19:00	7236	7450	7606	7734	6273	5507	7585
20:00	6194	6335	6656	7456	5428	4901	6125
21:00	4863	5083	5522	6251	4499	4482	4867
22:00	3619	3995	4304	4905	4066	3528	3597
23:00	2532	2778	3088	3524	3556	2687	2605
23:59	2004	2055	2451	3296	3049	1679	1765

24 Hr Total	100,256	101,255	105,154	110,457	107,656	92,140	99,959
A.M. Total	31,873	32,735	35,087	36,869	37,833	29,285	32,677
P.M. Total	68,383	68,520	70,067	73,588	69,823	62,855	67,282
Noon-Noon		101,118	103,607	106,936	111,421	99,108	95,532
Highest Hour Starting	16:00	15:00	18:00	14:00	12:00	13:00	15:00
Highest Hour Volume	8,197	8,125	7,606	7,800	7,491	7,217	7,993
ADT =	102,411	AWD =		101,798			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

LHRS (Linear Highway Reference

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

SEVEN DAY HOURLY REPORT

Station 1:	400DN0050DSE		
HIGHWAY:	400	STREAM: SINGLE ROADWAY	DIRECTION: SOUTH BOUND
LHRS / OFFSET:	46822 / 0.14	LOCATION: (43.811, -79.544)	DESCRIPTION: AT LANGSTAFF
Station 2:	400DN0060DSC		
HIGHWAY:	400	STREAM: COLLECTORS	DIRECTION: SOUTH BOUND
LHRS / OFFSET:	46822 / 0.14	LOCATION: (43.811, -79.544)	DESCRIPTION: AT LANGSTAFF
			CONFIDENCE LEVEL: 95%

HOUR-ENDING	TUE		WED		THU		FRI		SAT		SUN		MON	
	03-Sep-19		04-Sep-19		05-Sep-19		06-Sep-19		07-Sep-19		08-Sep-19		09-Sep-19	
	VDS1	VDS2	VDS1	VDS2	VDS1	VDS2	VDS1	VDS2	VDS1	VDS2	VDS1	VDS2	VDS1	VDS2
	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	611	76	474	108	539	124	697	60	987	224	1430	224	550	86
02:00	366	52	306	129	307	109	419	39	647	137	852	147	318	104
03:00	292	49	277	59	301	75	380	47	477	92	540	87	265	38
04:00	430	55	431	99	447	96	561	2	422	89	426	63	434	62
05:00	1190	227	1054	240	1083	253	1208	0	548	116	447	73	1191	212
06:00	4095	886	4278	1017	4337	961	4102	773	1249	231	655	71	4448	905
07:00	7043	1563	7242	1692	7251	1695	6814	1633	2321	464	1259	170	7223	1623
08:00	7567	1988	7687	2142	7613	2254	7574	2188	3014	663	1634	286	7583	2114
09:00	7372	1860	7695	2009	7689	2118	7475	2138	4024	1081	2374	524	6757	2372
10:00	6917	1846	6634	1811	6586	1786	6057	1885	4800	1384	3828	991	6347	1976
11:00	6120	1524	5386	1448	5489	1454	5330	1557	5383	1508	5027	1303	5294	1472
12:00	5581	1304	4791	1162	4776	1269	5084	1312	5633	1482	6080	1382	4673	1159
13:00	5525	1300	4521	1189	4670	1195	5313	1322	5721	1432	6798	1436	4895	1076
14:00	5546	1185	4798	1159	4664	1093	5221	1180	5703	1467	7072	1531	4787	990
15:00	5639	1076	4681	982	4971	1053	5499	1177	5722	1437	6969	1439	4709	953
16:00	5617	1065	5064	915	5202	1035	5479	1164	5950	1302	7007	1435	4986	918
17:00	5533	1051	5092	1031	5201	1062	5347	1207	5776	1406	7183	1331	4985	963
18:00	5141	1119	4932	989	5262	1085	5032	1209	5603	1314	7245	1121	5032	1024
19:00	4040	1080	3995	1066	4349	1030	4444	1270	5834	1239	6867	996	4062	965
20:00	3609	1032	3499	1062	3960	1080	4133	1238	5122	1122	6184	985	3555	970
21:00	2882	718	2984	706	3350	778	3324	952	5018	859	5159	632	3060	696
22:00	2240	425	2397	430	2568	533	2686	663	3998	681	3444	424	2303	445
23:00	1347	259	1492	260	1744	327	1930	437	2703	449	2213	307	1547	257
23:59	953	231	998	146	1087	164	1468	367	1918	325	1170	135	937	142

24 Hr Total	95,656	21,971	90,708	21,851	93,446	22,629	95,577	23,820	88,573	20,504	91,863	17,093	89,941	21,522
A.M. Total	47,584	11,430	46,255	11,916	46,418	12,194	45,701	11,634	29,505	7,471	24,552	5,321	45,083	12,123
P.M. Total	48,072	10,541	44,453	9,935	47,028	10,435	49,876	12,186	59,068	13,033	67,311	11,772	44,858	9,399
Noon-Noon			94,327	22,457	90,871	22,129	92,729	22,069	79,381	19,657	83,620	18,354	112,394	23,895
Highest Hour Starting	07:00	07:00	08:00	07:00	08:00	07:00	07:00	07:00	15:00	10:00	17:00	13:00	07:00	08:00
Highest Hour Volume	7,567	1,988	7,695	2,142	7,689	2,254	7,574	2,188	5,950	1,508	7,245	1,531	7,583	2,372
VDS 1 ADT =		92,252	VDS 2 ADT =		21,341	VDS1 AWD =		97,580	VDS2 AWD =		22,638			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

LHRS (Linear Highway Reference

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

TVIS II - Traffic Volume Information System

AdHoc Turning Movement Total Count and Peak Summary Report

Ministry of Transportation

Description: **HWY 400 @ LANGSTAFF RD (ERT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **26-May-2016 (Thu)**

I/C Side: **E**

LHRS: **46822**

End Date: **27-May-2016 (Fri)**

Int. Type: **T - S**

Offset: **0**

Schedule Summary: **TUES-THURS, 06:00-10:00, 15:00-19:00**

Total Count		Number of hours: 8	
HWY 400 RAMP; 24			
Ped. 1	Total Vehicles	0% (T +LT)	0% (T +LT)
←	12568	0	0
↖	1	0%	0%
↗	7730	4%	0%
↓	0	0%	0%
LANGSTAF RD		0	11473
↘	0	3%	9%
↙	2987	9%	10%
↑	11	10%	0%
↕	3743	0%	0%
LANGSTAF RD		0	Ped. 0
Ped. 24			
HWY 400 RAMP; 24			

AM Peak Hour Report		Start Time: 07:30	
HWY 400 RAMP; 24			
Ped. 1	Total Vehicles	0% (T +LT)	0% (T +LT)
←	1142	0	0
↖	0	0%	0%
↗	1347	3%	0%
↓	0	0%	0%
LANGSTAF RD		0	1916
↘	0	3%	0%
↙	306	0%	8%
↑	0	8%	0%
↕	569	0%	0%
LANGSTAF RD		0	Ped. 0
Ped. 3			
HWY 400 RAMP; 24			

PM Peak Hour Report		Start Time: 16:30	
HWY 400 RAMP; 24			
Ped. 0	Total Vehicles	0% (T +LT)	0% (T +LT)
←	2454	0	0
↖	0	0%	0%
↗	861	4%	0%
↓	0	0%	0%
LANGSTAF RD		0	1332
↘	0	3%	0%
↙	496	0%	11%
↑	0	11%	0%
↕	471	0%	0%
LANGSTAF RD		0	Ped. 0
Ped. 4			
HWY 400 RAMP; 24			



TVIS II - Traffic Volume Information System
Turning Movement 15 Minute Report

Description: **HWY 400 @ LANGSTAFF RD (ERT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **26-May-2016 (Thu)**

I/C Side: **E**

LHRS: **46822**

End Date: **27-May-2016 (Fri)**

Int. Type: **T - S**

Offset: **0**

Schedule Summary: **TUES-THURS, 06:00-10:00, 15:00-19:00**

Start Time	Major Road Approaches												Minor Road Approaches												Total Veh.						
	East LANGSTAF RD						West LANGSTAF RD						South HWY 400 RAMP: Ramp(s): 24						Not Configured												
	Cars		Trucks		Long Trucks		Ped	Cars		Trucks		Long Trucks		Ped	Cars		Trucks		Long Trucks		Ped										
←	↑	→	←	↑	→	←		↑	→	←	↑	→	←		↑	→	←	↑	→	←		↑	→								
Period 1																															
06:00	0	74	0	0	8	0	0	5	0	0	0	153	0	0	2	0	0	3	0	0	35	0	142	0	0	4	0	0	1	0	427
06:15	0	76	0	0	7	0	0	3	0	0	0	219	0	0	1	0	0	1	0	0	105	0	174	1	0	3	2	0	4	0	596
06:30	0	135	0	0	17	0	0	21	0	0	0	287	0	0	4	0	0	3	0	0	93	0	134	1	0	5	1	0	3	0	704
06:45	0	137	0	0	9	0	0	6	0	0	0	260	0	0	4	0	0	2	0	0	136	0	203	3	0	4	1	0	6	1	771
07:00	0	199	0	0	15	0	0	9	0	0	0	303	0	0	6	0	0	2	0	0	80	0	145	0	0	8	1	0	3	0	771
07:15	0	170	0	0	12	0	0	11	0	0	0	257	0	0	5	0	0	1	0	0	82	0	171	1	0	7	0	0	6	3	723
07:30	0	153	0	0	13	0	0	15	0	0	0	335	0	0	8	0	0	1	0	0	64	0	134	1	0	3	1	0	3	0	731
07:45	0	169	0	0	22	0	0	11	0	0	0	350	0	0	3	0	0	9	0	1	81	0	139	4	0	6	0	0	4	1	798
08:00	0	186	0	0	24	0	0	14	0	0	0	312	0	0	10	0	0	2	0	0	74	0	135	1	0	8	0	0	4	0	770
08:15	0	194	0	0	26	0	0	9	0	0	0	306	0	0	8	0	0	3	0	0	78	0	114	2	0	9	0	0	10	2	759
08:30	0	157	0	0	16	0	0	11	0	0	1	298	0	0	9	0	0	3	0	0	92	0	120	0	0	4	1	0	5	2	717
08:45	0	185	0	0	19	0	0	8	0	0	0	309	0	0	11	0	0	5	0	0	77	0	116	3	0	7	1	0	5	1	746
09:00	0	189	0	0	16	0	0	13	0	0	0	266	0	0	15	0	0	9	0	0	72	0	111	1	0	4	0	0	7	2	703
09:15	0	175	0	0	12	0	0	6	0	0	0	267	0	0	8	0	0	5	0	0	64	9	85	2	0	7	0	0	3	1	643
09:30	0	176	0	0	19	0	0	23	0	0	0	202	0	0	7	0	0	7	0	0	72	0	83	4	0	7	1	0	7	2	608
09:45	0	203	0	0	15	0	0	7	0	0	0	169	0	0	7	0	0	6	0	0	49	1	77	2	0	6	0	0	12	0	554
Period 2																															
15:00	0	421	0	0	8	0	0	6	0	0	0	175	0	0	8	0	0	2	0	0	70	0	76	3	0	3	2	0	6	0	780
15:15	0	328	0	0	12	0	0	11	0	0	0	175	0	0	12	0	0	5	0	0	79	0	56	1	1	8	1	0	12	0	701
15:30	0	450	0	0	12	0	0	5	0	0	0	201	0	0	7	0	0	3	0	0	77	0	55	4	0	3	3	0	5	1	825
15:45	0	391	0	0	14	0	0	12	0	0	0	204	0	0	11	0	0	9	0	0	58	0	39	1	0	4	0	0	6	1	749
16:00	0	550	0	0	8	0	0	11	0	0	0	191	0	0	10	0	0	4	0	0	49	0	61	3	0	5	1	0	2	0	895



TVIS II - Traffic Volume Information System
Turning Movement 15 Minute Report

Description: **HWY 400 @ LANGSTAFF RD (ERT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **26-May-2016 (Thu)**

I/C Side: **E**

LHRS: **46822**

End Date: **27-May-2016 (Fri)**

Int. Type: **T - S**

Offset: **0**

Schedule Summary: **TUES-THURS, 06:00-10:00, 15:00-19:00**

Start Time	Major Road Approaches														Minor Road Approaches										Total Veh.								
	East LANGSTAF RD							West LANGSTAF RD							South HWY 400 RAMP: Ramp(s): 24						Not Configured												
	Cars			Trucks			Long Trucks			Ped	Cars			Trucks			Long Trucks			Ped	Cars		Trucks			Long Trucks		Ped					
←	↑	→	←	↑	→	←	↑	→	←		↑	→	←	↑	→	←	↑	→	←		↑	→	←	↑	→	←	↑		→	←	↑	→	
16:15	0	383	0	0	10	0	0	0	13	0	0	0	187	0	0	8	0	0	0	6	0	0	93	0	61	2	0	6	2	0	6	0	777
16:30	0	523	0	0	11	0	0	0	9	0	0	0	222	0	0	8	0	0	0	2	0	0	123	0	90	1	0	6	1	0	8	3	1004
16:45	0	467	0	0	8	0	0	0	9	0	0	0	221	0	0	5	0	0	0	3	0	0	116	0	107	2	0	5	3	0	15	0	961
17:00	0	397	0	0	2	0	0	0	4	0	0	0	197	0	0	8	0	0	0	4	0	0	147	0	127	3	0	4	2	0	6	1	901
17:15	0	503	0	0	11	0	0	0	14	0	0	0	184	0	0	6	0	0	0	1	0	0	97	0	97	1	0	2	0	0	4	0	920
17:30	0	406	0	0	5	0	0	0	11	0	0	0	190	0	0	2	0	0	0	2	0	0	162	0	128	0	0	6	1	0	8	0	921
17:45	0	377	0	0	4	0	0	0	5	0	0	0	211	0	0	5	0	0	0	0	0	0	161	0	111	0	0	1	2	0	8	0	885
18:00	0	348	0	0	3	0	0	0	7	0	0	0	198	0	0	7	0	0	0	4	0	0	166	0	111	2	0	4	1	0	11	0	862
18:15	0	295	0	0	6	0	0	0	7	0	0	0	214	0	0	2	0	0	0	6	0	0	136	0	101	0	0	12	0	0	8	0	787
18:30	0	276	0	0	2	0	0	0	7	0	0	0	184	0	0	6	0	0	0	4	0	0	65	0	42	0	0	5	0	0	7	1	598
18:45	0	213	0	0	3	0	0	0	3	0	0	0	147	0	0	3	0	0	0	3	0	0	56	0	30	1	0	6	0	0	1	2	466



TVIS II - Traffic Volume Information System

AdHoc Turning Movement Total Count and Peak Summary Report

Ministry of Transportation

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (ERT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

I/C Side: **E**

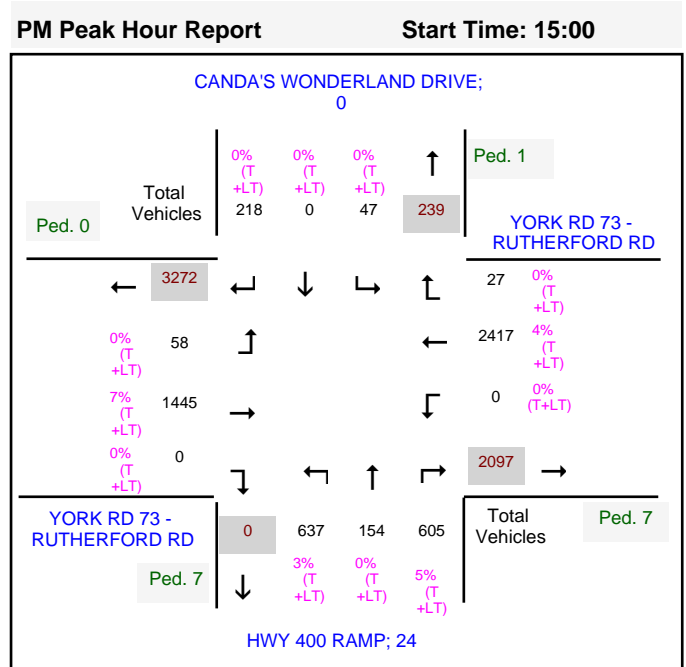
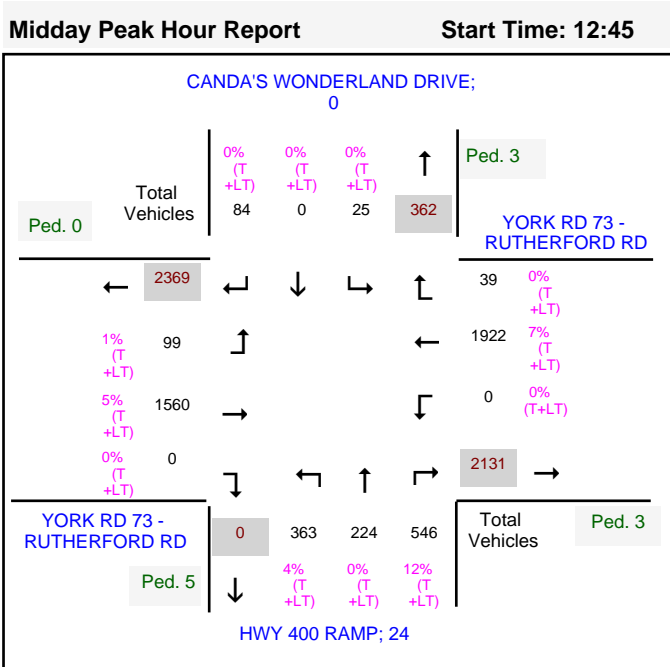
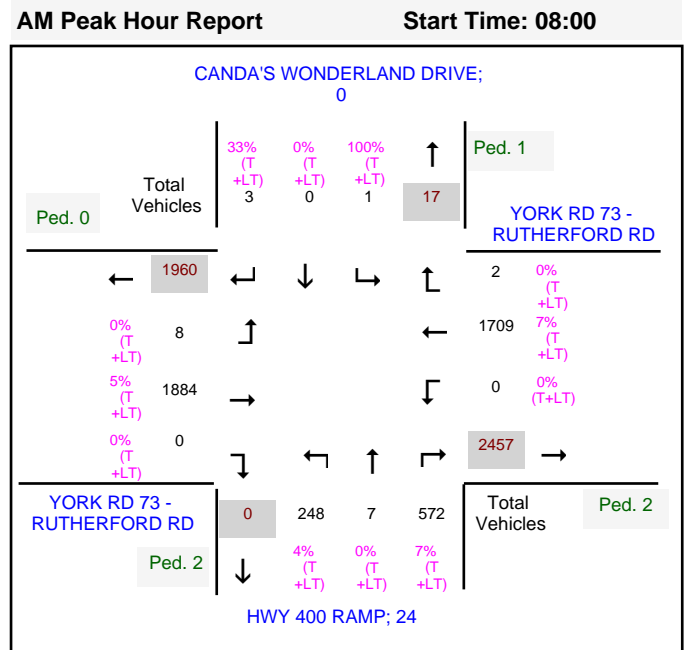
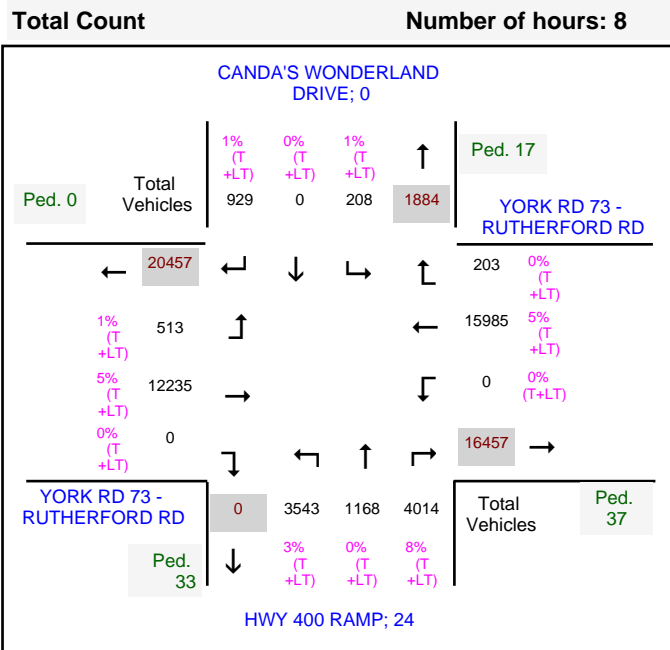
LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **Four Leg**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**





TVIS II - Traffic Volume Information System
Turning Movement 15 Minute Report

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (ERT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

I/C Side: **E**

LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **Four Leg**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**

Start Time	Major Road Approaches										Minor Road Approaches										Total Veh.																
	East YORK RD 73 - RUTHERFORD RD					West YORK RD 73 - RUTHERFORD RD					North CANDA'S WONDERLAND DRIVE: Ramp (s): 0					South HWY 400 RAMP: Ramp(s): 24																					
	Cars		Trucks		Long Trucks	Ped	Cars		Trucks		Long Trucks	Ped	Cars		Trucks		Long Trucks	Ped	Cars			Trucks		Long Trucks	Ped												
←	↑	→	←	↑	→		←	↑	→	←	↑		→	←	↑	→	←		↑	→	←	↑	→	←		↑	→										
Period 1																																					
07:00	0	398	1	0	15	0	0	9	0	0	0	384	0	0	4	0	0	9	0	0	0	0	0	0	0	0	43	0	99	0	0	7	1	0	3	1	973
07:15	0	408	0	0	14	1	0	7	0	0	0	416	0	0	10	0	0	7	0	0	1	0	0	0	1	54	1	97	0	0	10	0	0	5	0	1032	
07:30	0	433	0	0	18	0	0	6	0	0	0	411	0	0	13	0	0	11	0	0	0	0	0	1	40	0	129	3	0	8	0	0	7	1	1079		
07:45	0	401	0	0	28	0	0	11	0	0	1	425	0	1	9	0	0	15	0	0	0	0	0	1	69	0	153	2	0	5	1	0	5	2	1126		
08:00	0	411	0	0	30	0	0	9	0	0	1	411	0	0	16	0	0	9	0	0	0	0	0	0	55	2	109	2	0	3	1	0	6	0	1066		
08:15	0	379	0	0	12	0	0	11	0	2	2	474	0	0	14	0	0	9	0	0	0	0	0	0	57	2	134	2	0	5	1	0	7	1	1111		
08:30	0	385	0	0	19	0	0	14	0	0	1	445	0	0	12	0	0	11	0	0	0	0	0	0	62	3	149	1	0	3	0	0	4	1	1109		
08:45	0	413	2	0	15	0	0	11	0	0	4	461	0	0	13	0	0	9	0	0	0	0	0	1	63	0	139	2	0	9	2	0	4	0	1148		
09:00	0	373	4	0	21	0	0	17	0	3	4	373	0	0	17	0	0	8	0	0	0	0	0	1	55	26	114	1	0	8	2	0	6	3	1033		
09:15	0	349	8	0	25	0	0	6	0	0	13	357	0	0	18	0	0	13	0	0	0	0	0	1	61	54	97	3	0	7	3	0	4	1	1020		
09:30	0	316	13	0	19	0	0	18	0	2	21	341	0	1	12	0	0	15	0	0	0	0	0	0	58	118	106	5	0	9	2	0	5	1	1063		
09:45	0	286	14	0	12	0	0	12	0	1	57	410	0	0	11	0	0	12	0	0	0	0	0	1	59	163	127	0	1	4	2	0	5	0	1185		
Period 2																																					
12:00	0	404	19	0	13	0	0	17	0	1	29	318	0	0	6	0	0	14	0	0	0	0	0	0	65	76	124	2	0	9	4	1	4	0	1125		
12:15	0	439	6	0	20	0	0	15	0	0	28	371	0	0	13	0	0	10	0	0	0	0	0	2	73	57	127	5	0	8	2	0	7	0	1199		
12:30	0	423	5	0	19	0	0	10	0	0	26	351	0	0	12	0	0	11	0	0	0	0	0	0	92	43	117	4	0	5	1	0	6	0	1146		
12:45	0	450	13	0	20	0	0	17	0	0	25	403	0	0	16	0	0	10	0	0	0	0	0	2	79	63	120	2	0	12	0	0	5	2	1250		
13:00	0	456	10	0	16	0	0	14	0	0	25	343	0	0	7	0	0	7	0	0	0	0	0	0	78	48	106	1	0	5	1	0	9	0	1155		
13:15	0	472	9	0	18	0	0	16	0	3	23	398	0	0	11	0	0	5	0	0	0	0	0	1	101	62	121	2	0	11	3	0	6	1	1292		
13:30	0	413	7	0	12	0	0	18	0	0	25	344	0	1	6	0	0	10	0	0	0	0	0	0	91	51	136	4	0	9	1	0	6	2	1165		
13:45	0	525	6	0	21	0	0	14	0	0	20	326	0	0	12	0	0	7	0	0	0	0	0	0	89	0	118	5	0	12	0	0	4	1	1197		



TVIS II - Traffic Volume Information System
Turning Movement 15 Minute Report

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (ERT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

I/C Side: **E**

LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **Four Leg**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**

Start Time	Major Road Approaches										Minor Road Approaches										Total Veh.																				
	East YORK RD 73 - RUTHERFORD RD					West YORK RD 73 - RUTHERFORD RD					North CANDA'S WONDERLAND DRIVE: Ramp (s): 0					South HWY 400 RAMP: Ramp(s): 24																									
	Cars		Trucks		Long Trucks	Ped	Cars		Trucks		Long Trucks	Ped	Cars		Trucks		Long Trucks	Ped	Cars			Trucks		Long Trucks	Ped																
←	↑	→	←	↑	→		←	↑	→	←	↑		→	←	↑	→	←		↑	→	←	↑	→	←		↑	→														
Period 3																																									
15:00	0	576	10	0	18	0	0	6	0	3	12	381	0	0	20	0	0	12	0	0	12	0	46	0	0	0	0	0	0	0	138	35	151	2	0	6	2	0	5	2	1432
15:15	0	568	4	0	12	0	0	13	0	4	14	329	0	0	17	0	0	11	0	0	6	0	51	0	0	0	0	0	0	0	134	35	161	4	0	1	2	0	5	0	1367
15:30	0	560	5	0	6	0	0	8	0	0	17	321	0	0	13	0	0	12	0	0	12	0	61	0	0	0	0	0	0	0	164	46	124	9	0	4	2	0	2	1	1366
15:45	0	625	8	0	16	0	0	9	0	0	15	318	0	0	8	0	0	3	0	0	17	0	60	0	0	0	0	0	0	1	179	38	138	1	0	6	0	0	2	4	1443
16:00	0	537	7	0	11	0	0	15	0	6	23	306	0	0	13	0	0	7	0	0	14	0	63	0	0	0	0	0	1	1	169	38	98	0	0	5	0	0	3	0	1310
16:15	0	630	13	0	4	0	0	7	0	0	18	314	0	0	6	0	0	9	0	0	8	0	61	1	0	0	0	0	1	0	156	38	103	2	0	3	1	0	3	1	1378
16:30	0	575	6	0	7	0	0	9	0	3	16	323	0	0	8	0	0	8	0	0	16	0	76	0	0	0	0	0	0	0	176	0	39	5	0	0	0	0	0	2	1264
16:45	0	615	11	0	6	0	0	4	0	3	20	365	0	0	13	0	0	4	0	0	20	0	61	0	0	0	0	0	0	1	161	39	82	3	0	3	1	0	1	1	1409
17:00	0	644	5	0	6	0	0	7	0	2	12	292	0	0	8	0	0	3	0	0	16	0	51	0	0	0	0	0	0	0	197	0	85	1	0	2	3	0	0	1	1332
17:15	0	586	3	0	5	0	0	5	0	1	18	271	0	0	12	0	0	5	0	0	13	0	77	0	0	0	0	0	1	1	206	50	96	0	0	1	1	0	0	4	1350
17:30	0	556	9	0	5	0	0	9	0	1	24	334	0	0	4	0	0	1	0	0	11	0	70	0	0	0	0	0	0	1	187	37	99	1	0	0	2	0	3	0	1352
17:45	0	564	4	0	2	0	0	6	0	2	16	271	0	0	10	0	0	7	0	0	12	0	67	0	0	0	0	0	0	0	215	41	101	1	0	2	1	0	1	0	1321



TVIS II - Traffic Volume Information System

AdHoc Turning Movement Total Count and Peak Summary Report

Ministry of Transportation

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (WRT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

I/C Side: **W**

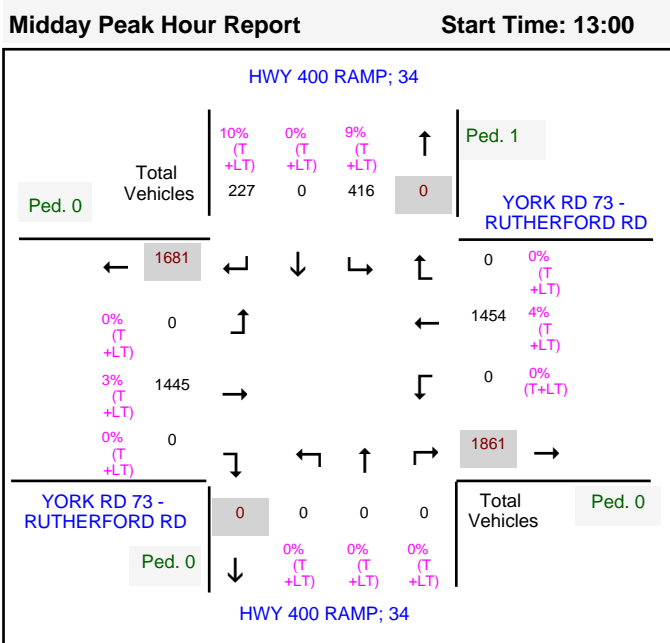
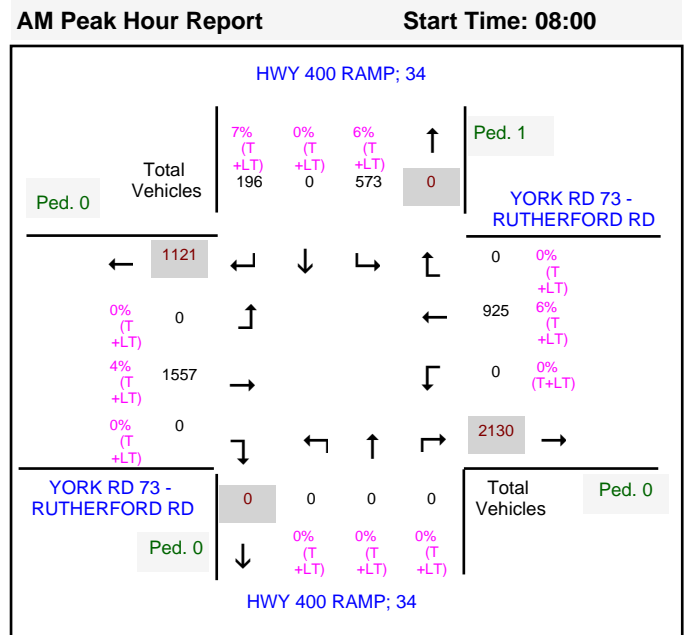
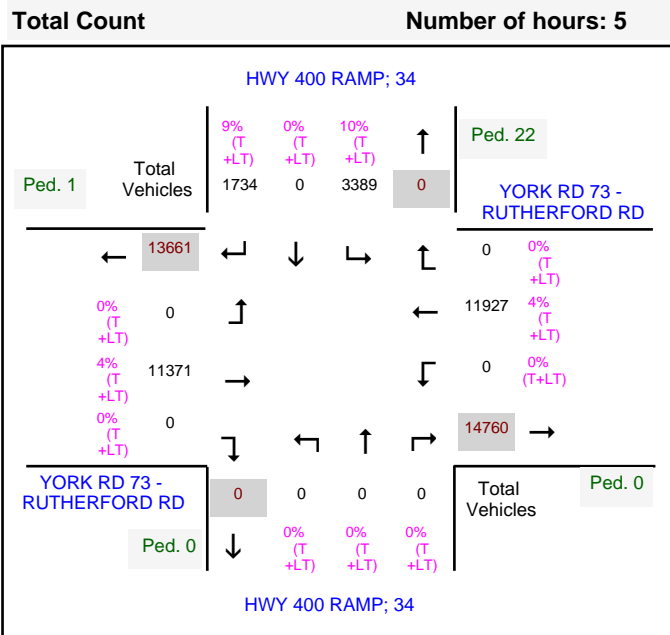
LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **T - N**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**





TVIS II - Traffic Volume Information System

AdHoc Turning Movement Total Count and Peak Summary Report

Ministry of Transportation

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (WRT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

IC Side: **W**

LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **T - N**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**

Total Count		Number of hours: 3	
HWY 400 RAMP; 34			
Ped. 1	Total Vehicles	9% (T+LT) 1734	0% (T+LT) 0
		10% (T+LT) 3389	↑ 0
			Ped. 22
YORK RD 73 - RUTHERFORD RD			
←	13661	↓	0
		↑	0%
		←	11927
		↓	4%
	11371	→	0
		↑	0%
	0	↖	14760
		↗	→
YORK RD 73 - RUTHERFORD RD			
	0	↓	0
		↑	0%
		←	0
		↓	0%
		↑	0%
		↖	0
		↗	0
HWY 400 RAMP; 34			
			Total Vehicles
			Ped. 0

PM Peak Hour Report		Start Time: 16:45	
HWY 400 RAMP; 34			
Ped. 0	Total Vehicles	9% (T+LT) 251	0% (T+LT) 0
		8% (T+LT) 315	↑ 0
			Ped. 1
YORK RD 73 - RUTHERFORD RD			
←	2515	↓	0
		↑	0%
		←	2264
		↓	2%
	0	→	0
		↑	0%
	1322	↖	1637
		↗	→
YORK RD 73 - RUTHERFORD RD			
	0	↓	0
		↑	0%
		←	0
		↓	0%
		↑	0%
		↖	0
		↗	0
HWY 400 RAMP; 34			
			Total Vehicles
			Ped. 0



TVIS II - Traffic Volume Information System
Turning Movement 15 Minute Report

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (WRT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

I/C Side: **W**

LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **T - N**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**

Start Time	Major Road Approaches										Minor Road Approaches										Total Veh.																				
	East					West					North					Not Configured																									
	YORK RD 73 - RUTHERFORD RD					YORK RD 73 - RUTHERFORD RD					HWY 400 RAMP: Ramp(s): 34																														
	Cars	Trucks	Long Trucks	Ped		Cars	Trucks	Long Trucks	Ped		Cars	Trucks	Long Trucks	Ped		Cars	Trucks	Long Trucks	Ped																						
	← ↑ →	← ↑ →	← ↑ →			← ↑ →	← ↑ →	← ↑ →			← ↑ →	← ↑ →	← ↑ →			← ↑ →	← ↑ →	← ↑ →																							
Period 1																																									
07:00	0	184	0	0	6	0	0	5	0	0	0	334	0	0	7	0	0	9	0	0	106	0	20	1	0	2	1	0	2	0											677
07:15	0	173	0	0	9	0	0	3	0	0	0	380	0	0	10	0	0	6	0	0	79	0	34	4	0	2	2	0	1	0											703
07:30	0	185	0	0	6	0	0	3	0	0	0	377	0	0	8	0	0	6	0	0	85	0	33	9	0	1	7	0	2	0											722
07:45	0	220	0	0	12	0	0	2	0	0	0	372	0	0	11	0	0	6	0	0	112	0	30	2	0	1	11	0	1	0											780
08:00	0	210	0	0	13	0	0	6	0	0	0	357	0	0	16	0	0	7	0	0	120	0	39	5	0	3	3	0	1	1											780
08:15	0	192	0	0	10	0	0	3	0	0	0	404	0	0	10	0	0	2	0	0	135	0	35	5	0	3	6	0	1	0											806
08:30	0	207	0	0	11	0	0	2	0	0	0	377	0	0	12	0	0	7	0	0	125	0	52	3	0	3	5	0	0	0											804
08:45	0	259	0	0	8	0	0	4	0	0	0	350	0	0	7	0	0	8	0	0	156	0	56	4	0	2	6	0	1	0											861
09:00	0	214	0	0	11	0	0	8	0	0	0	305	0	0	12	0	0	7	0	0	120	0	53	10	0	3	6	0	2	1											751
09:15	0	220	0	0	15	0	0	4	0	0	0	316	0	0	8	0	0	9	0	0	101	0	38	13	0	3	9	0	2	1											738
09:30	0	188	0	0	10	0	0	7	0	0	0	296	0	0	9	0	0	7	0	1	135	0	47	4	0	1	7	0	2	1											713
09:45	0	193	0	0	5	0	0	6	0	0	0	381	0	0	10	0	0	6	0	0	126	0	62	8	0	1	10	0	2	1											810
Period 2																																									
12:00	0	295	0	0	8	0	0	7	0	0	0	301	0	0	4	0	0	8	0	0	108	0	75	7	0	4	6	0	8	0											831
12:15	0	310	0	0	15	0	0	6	0	0	0	329	0	0	6	0	0	5	0	0	109	0	58	4	0	3	6	0	0	2											851
12:30	0	324	0	0	8	0	0	3	0	0	0	348	0	0	12	0	0	10	0	0	90	0	52	2	0	3	7	0	2	0											861
12:45	0	302	0	0	6	0	0	9	0	0	0	363	0	0	12	0	0	5	0	0	102	0	73	8	0	3	4	0	2	2											889
13:00	0	331	0	0	9	0	0	5	0	0	0	351	0	0	11	0	0	5	0	0	87	0	45	1	0	4	4	0	0	0											853
13:15	0	359	0	0	13	0	0	7	0	0	0	350	0	0	8	0	0	2	0	0	98	0	56	5	0	1	5	0	4	1											908
13:30	0	326	0	0	7	0	0	5	0	0	0	363	0	0	5	0	0	5	0	0	80	0	52	2	0	6	7	0	2	0											860
13:45	0	373	0	0	11	0	0	8	0	0	0	333	0	0	5	0	0	7	0	0	113	0	51	8	0	4	6	0	2	0											921



TVIS II - Traffic Volume Information System
Turning Movement 15 Minute Report

Description: **HWY 400 @ YORK RD 73 - RUTHERFORD RD (WRT)**

Region: **CENTRAL**

Survey Type: **TM – Interchange**

Hwy: **400**

Start Date: **19-Jul-2017 (Wed)**

I/C Side: **W**

LHRS: **46824**

End Date: **19-Jul-2017 (Wed)**

Int. Type: **T - N**

Offset: **0**

Schedule Summary: **TUES-THURS, 07:00-10:00, 12:00-14:00, 15:00-18:00**

Start Time	Major Road Approaches										Minor Road Approaches										Total Veh.											
	East					West					North					Not Configured																
	YORK RD 73 - RUTHERFORD RD					YORK RD 73 - RUTHERFORD RD					HWY 400 RAMP: Ramp(s): 34																					
	Cars			Trucks			Long Trucks			Ped	Cars			Trucks			Long Trucks			Ped												
	←	↑	→	←	↑	→	←	↑	→	Ped	←	↑	→	←	↑	→	←	↑	→	Ped	←	↑	→	←	↑	→	Ped					
Period 3																																
15:00	0	456	0	0	7	0	0	8	0	0	0	360	0	0	20	0	0	7	0	0	0	77	0	47	8	0	2	3	0	2	2	997
15:15	0	526	0	0	7	0	0	8	0	0	0	335	0	0	7	0	0	6	0	0	0	71	0	36	11	0	5	5	0	6	0	1023
15:30	0	489	0	0	14	0	0	2	0	0	0	331	0	0	11	0	0	6	0	0	0	75	0	60	3	0	4	7	0	1	3	1003
15:45	0	530	0	0	13	0	0	4	0	0	0	319	0	0	6	0	0	4	0	0	0	68	0	66	4	0	3	1	0	1	0	1019
16:00	0	543	0	0	8	0	0	7	0	0	0	340	0	0	9	0	0	7	0	0	0	67	0	45	3	0	4	3	0	1	1	1037
16:15	0	574	0	0	4	0	0	5	0	0	0	313	0	0	5	0	0	6	0	0	0	70	0	24	1	0	2	5	0	2	2	1011
16:30	0	516	0	0	10	0	0	7	0	0	0	325	0	0	2	0	0	5	0	0	0	93	0	50	8	0	2	4	0	2	1	1024
16:45	0	529	0	0	5	0	0	2	0	0	0	355	0	0	9	0	0	2	0	0	0	97	0	53	7	0	3	2	0	2	0	1066
17:00	0	588	0	0	8	0	0	3	0	0	0	303	0	0	5	0	0	2	0	0	0	55	0	61	4	0	6	1	0	3	0	1039
17:15	0	551	0	0	4	0	0	7	0	0	0	304	0	0	10	0	0	3	0	0	0	64	0	53	5	0	3	3	0	3	0	1010
17:30	0	558	0	0	3	0	0	6	0	0	0	326	0	0	2	0	0	1	0	0	0	74	0	61	3	0	2	0	0	1	1	1037
17:45	0	558	0	0	3	0	0	3	0	0	0	315	0	0	5	0	0	8	0	0	0	69	0	64	7	0	2	1	0	1	2	1036

Turning Movements Diagram Peak Hour Report: AM Period

Location..... Langstaff Road & Millway Avenue

GeoID..... 47EB8EEF

Municipality. Vaughan

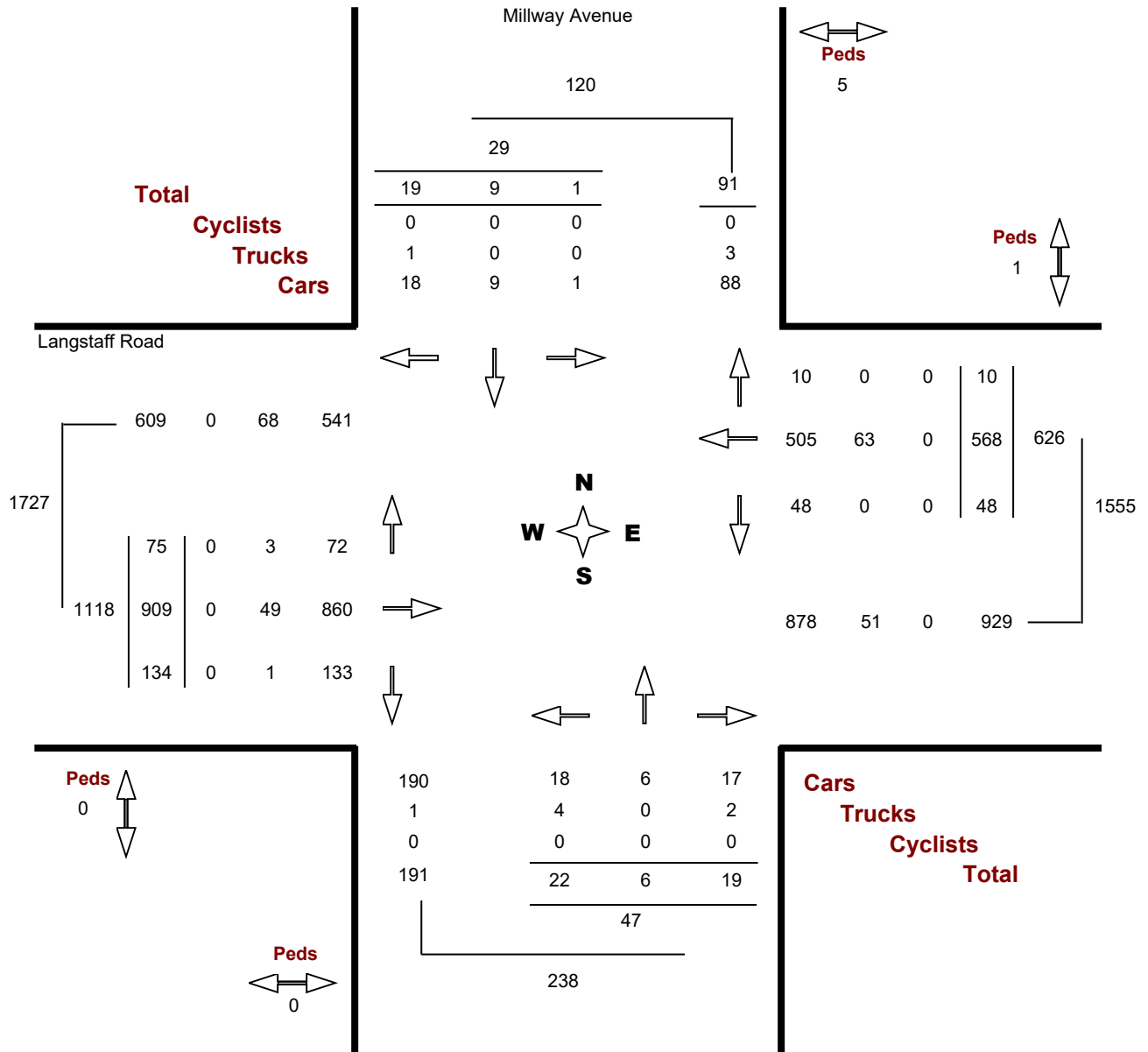
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 07:00 AM — 09:00 AM

Major Dir..... None

Peak Hour.... 08:00 AM — 09:00 AM



Notes:



Turning Movements Diagram Peak Hour Report: MD Period

Location..... Langstaff Road & Millway Avenue

GeoID..... 47EB8EEF

Municipality. Vaughan

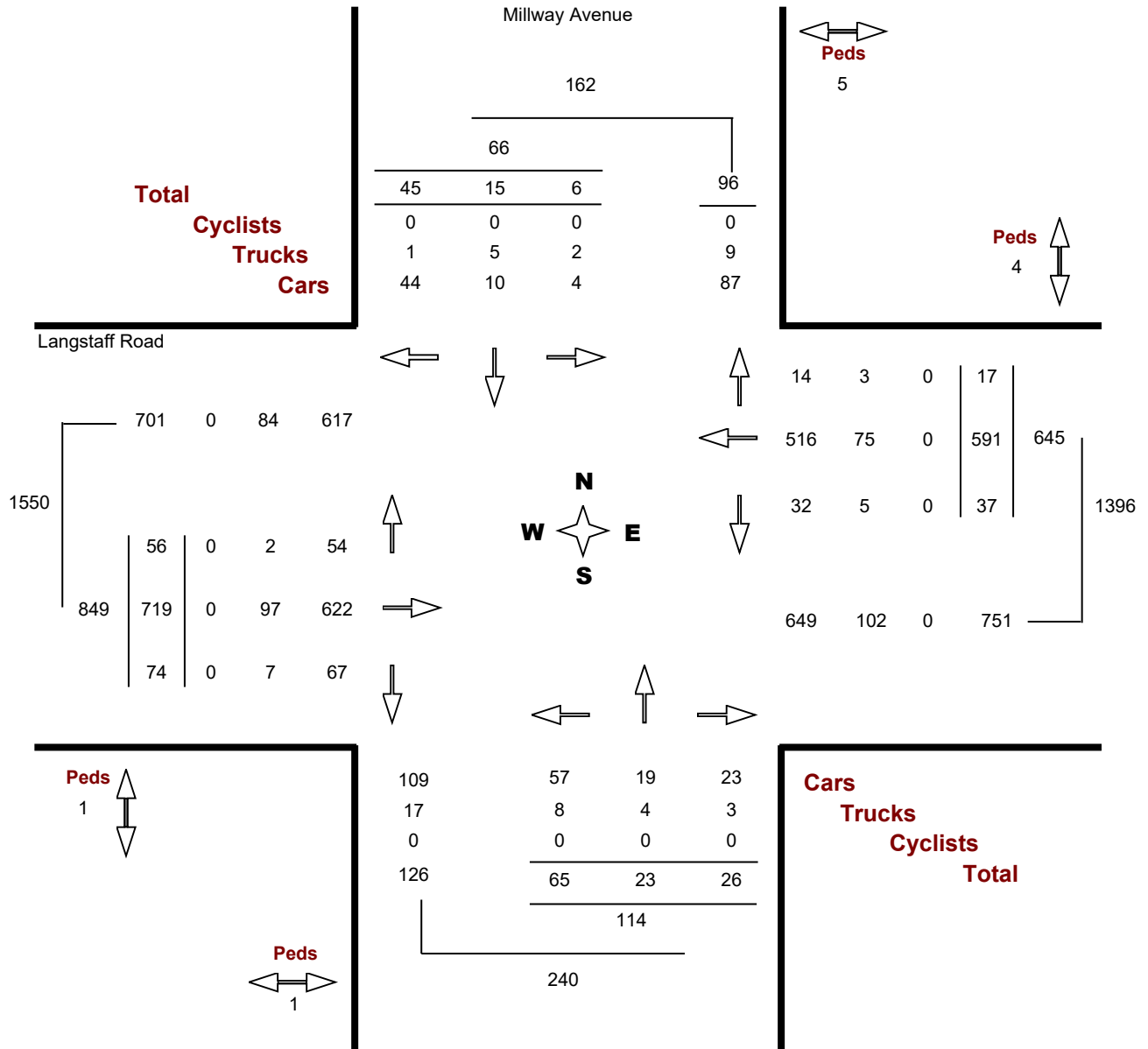
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 11:00 AM — 02:00 PM

Major Dir..... None

Peak Hour.... 01:00 PM — 02:00 PM



Notes:



Turning Movements Diagram Peak Hour Report: PM Period

Location..... Langstaff Road & Millway Avenue

GeoID..... 47EB8EEF

Municipality. Vaughan

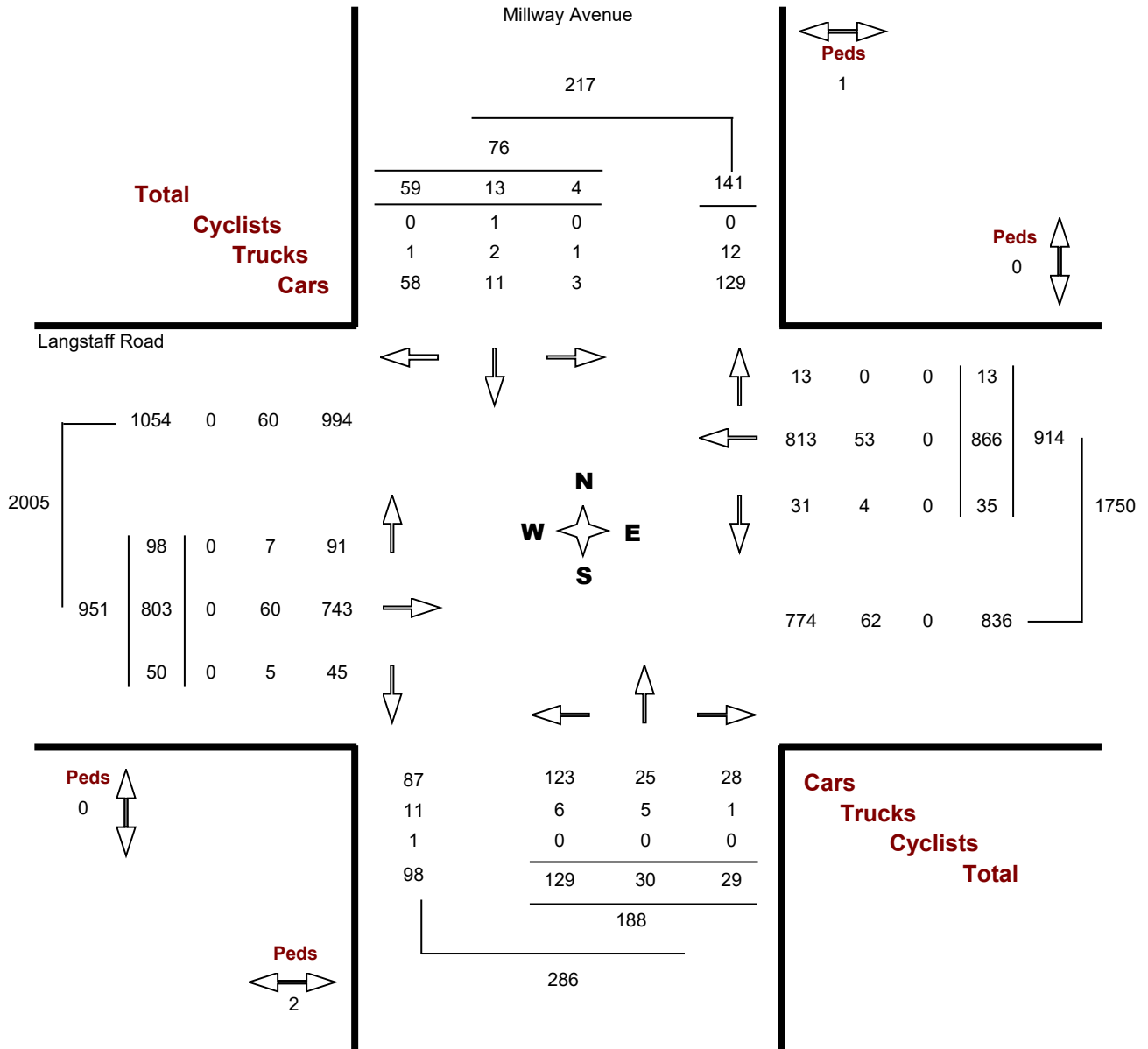
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 03:00 PM – 06:00 PM

Major Dir..... None

Peak Hour.... 04:30 PM – 05:30 PM



Notes:



Turning Movements Diagram Peak Hour Report: AM Period

Location..... Jane Street & Langstaff Road

GeoID..... CA02CA48

Municipality. Vaughan

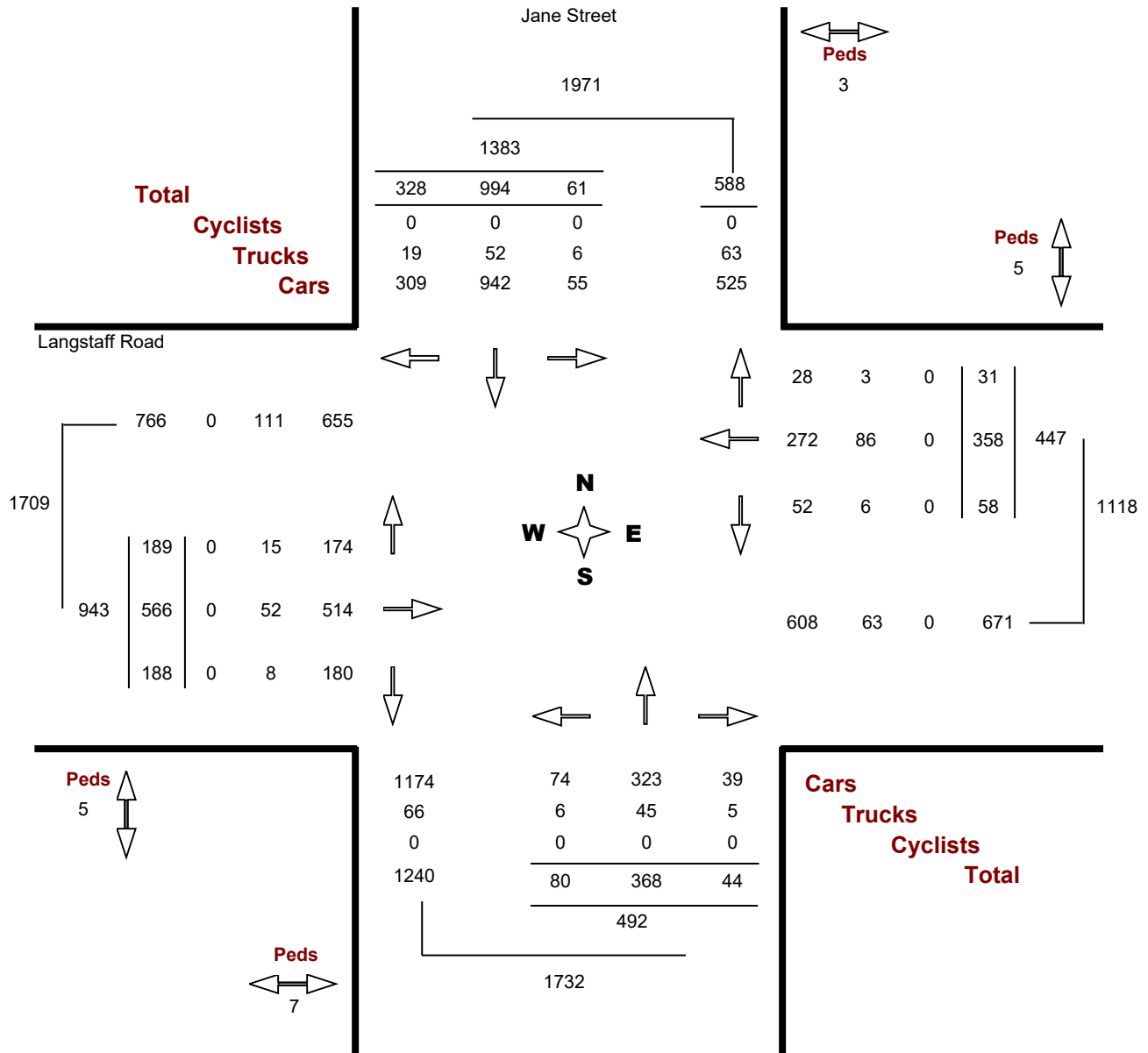
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 07:00 AM — 09:00 AM

Major Dir..... None

Peak Hour.... 08:00 AM — 09:00 AM



Notes:

Turning Movements Diagram Peak Hour Report: MD Period

Location..... Jane Street & Langstaff Road

GeoID..... CA02CA48

Municipality. Vaughan

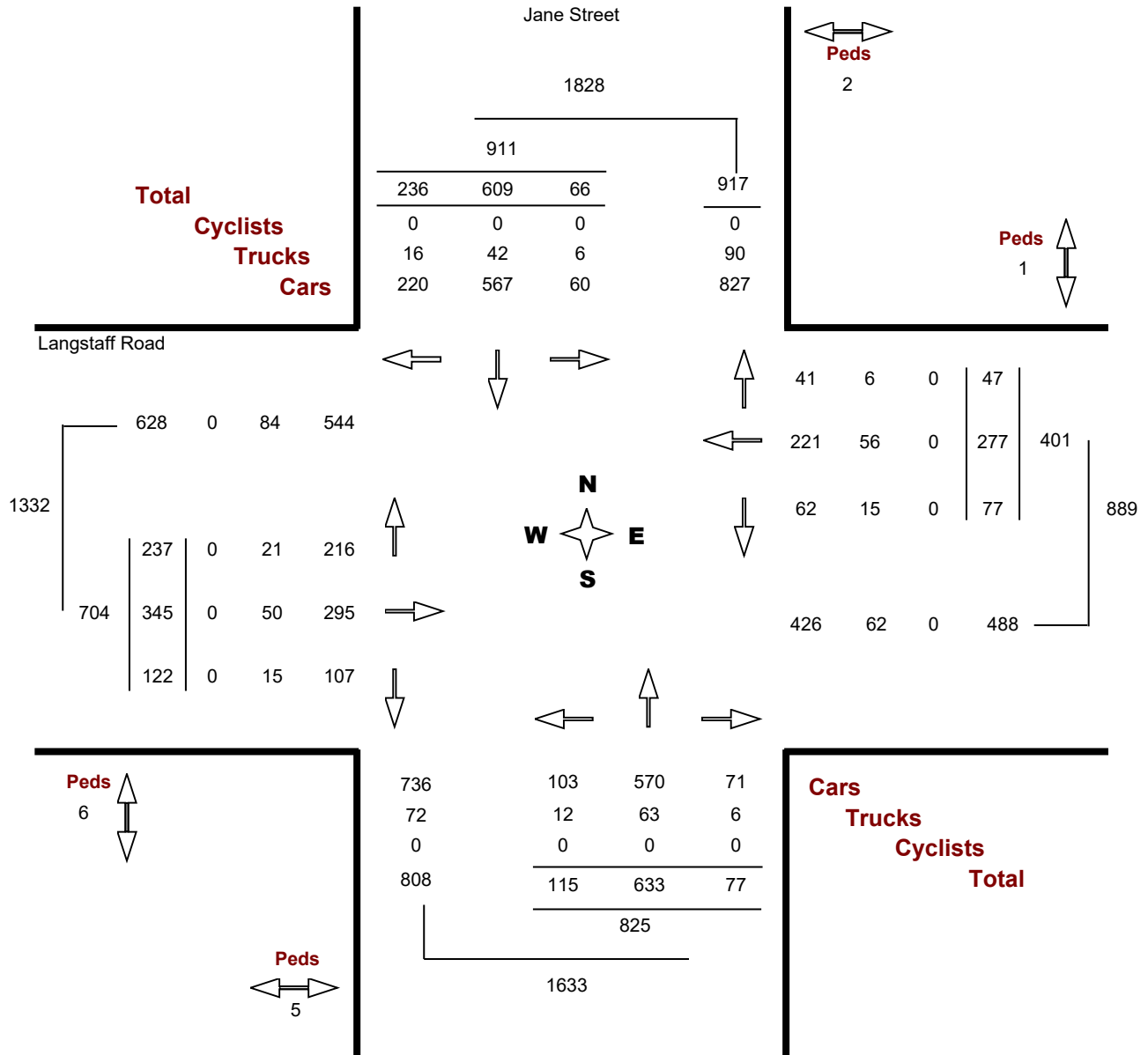
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 11:00 AM — 02:00 PM

Major Dir..... None

Peak Hour.... 01:00 PM — 02:00 PM



Notes:

Turning Movements Diagram Peak Hour Report: PM Period

Location..... Jane Street & Langstaff Road

GeoID..... CA02CA48

Municipality. Vaughan

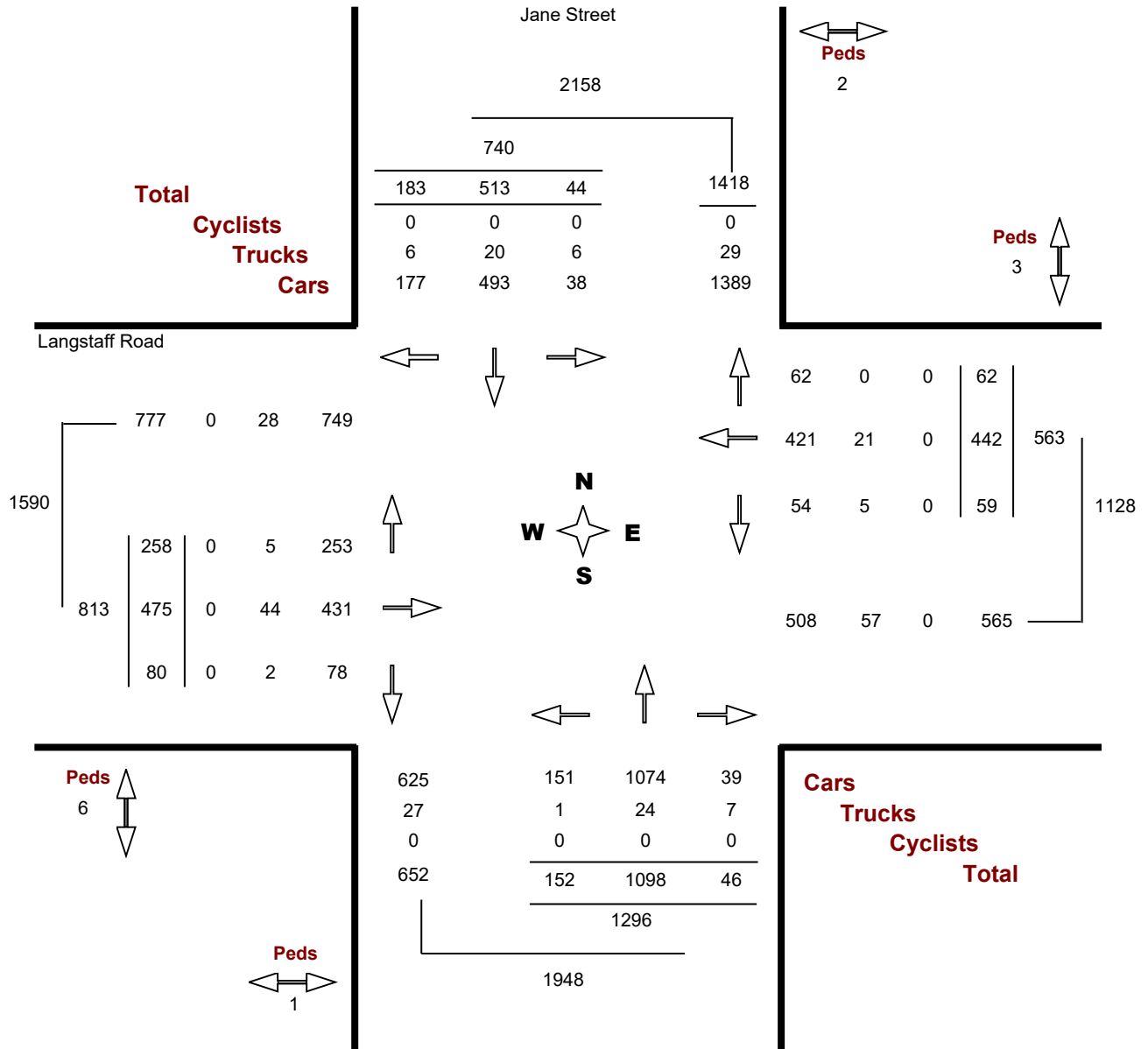
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 03:00 PM – 06:00 PM

Major Dir..... None

Peak Hour.... 04:30 PM – 05:30 PM



Notes:



Turning Movements Diagram Peak Hour Report: AM Period

Location..... Langstaff Road & Edgeley Boulevard

GeoID..... 275A568E

Municipality. Vaughan

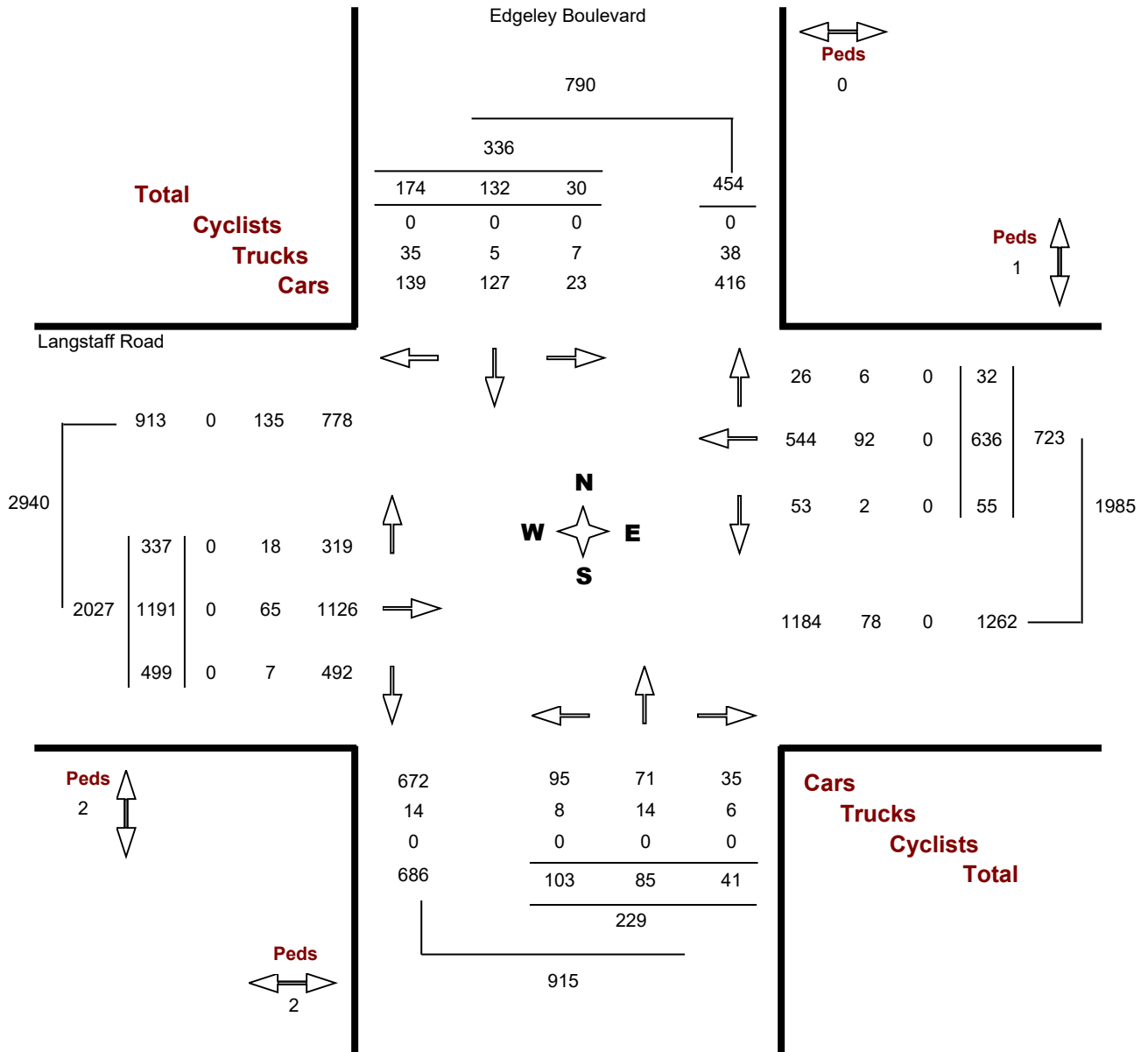
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 07:00 AM — 09:00 AM

Major Dir..... None

Peak Hour.... 08:00 AM — 09:00 AM



Notes:



Turning Movements Diagram Peak Hour Report: MD Period

Location..... Langstaff Road & Edgeley Boulevard

GeoID..... 275A568E

Municipality. Vaughan

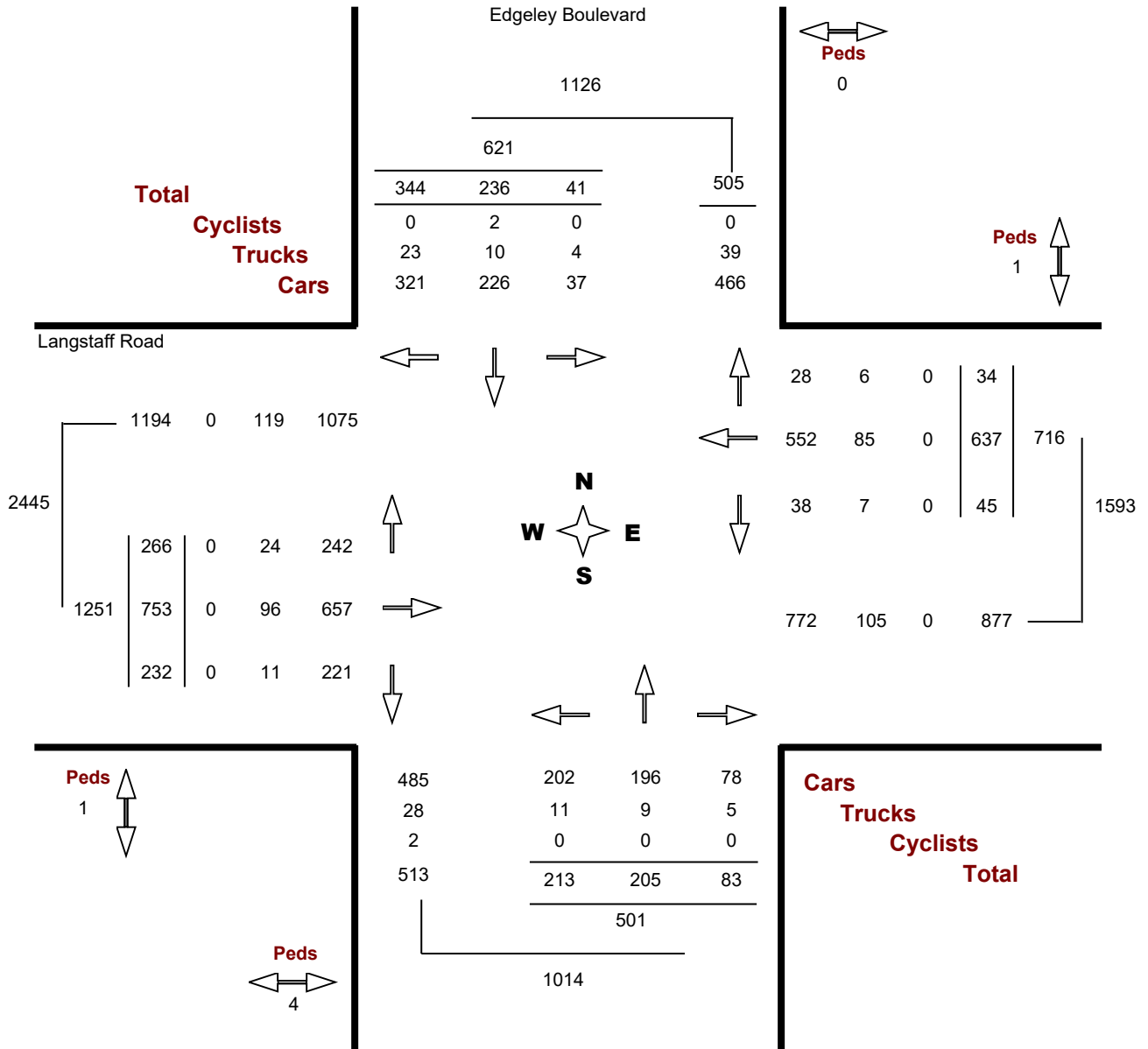
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 11:00 AM — 02:00 PM

Major Dir..... None

Peak Hour.... 12:30 PM — 01:30 PM



Notes:



Turning Movements Diagram Peak Hour Report: PM Period

Location..... Langstaff Road & Edgeley Boulevard

GeoID..... 275A568E

Municipality. Vaughan

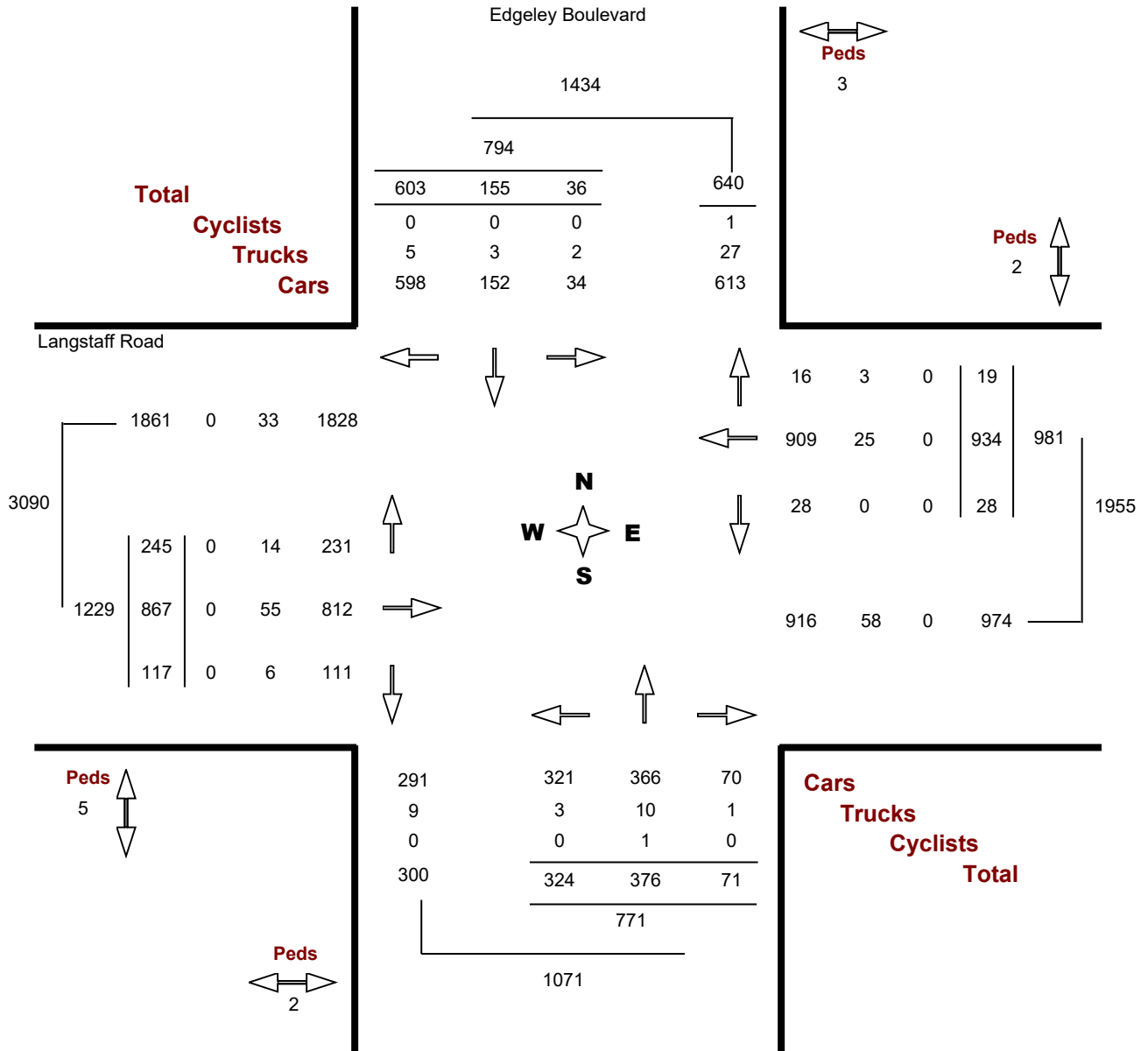
Count Date. Tuesday, 06 December, 2016

Traffic Cont. Traffic signal

Count Period. 03:00 PM – 06:00 PM

Major Dir..... None

Peak Hour.... 04:30 PM – 05:30 PM





Turning Movements Diagram Peak Hour Report: AM Period

Location..... Langstaff Road & Silmar Drive/Terecar Drive

GeoID..... 838CA6CB

Municipality. Vaughan

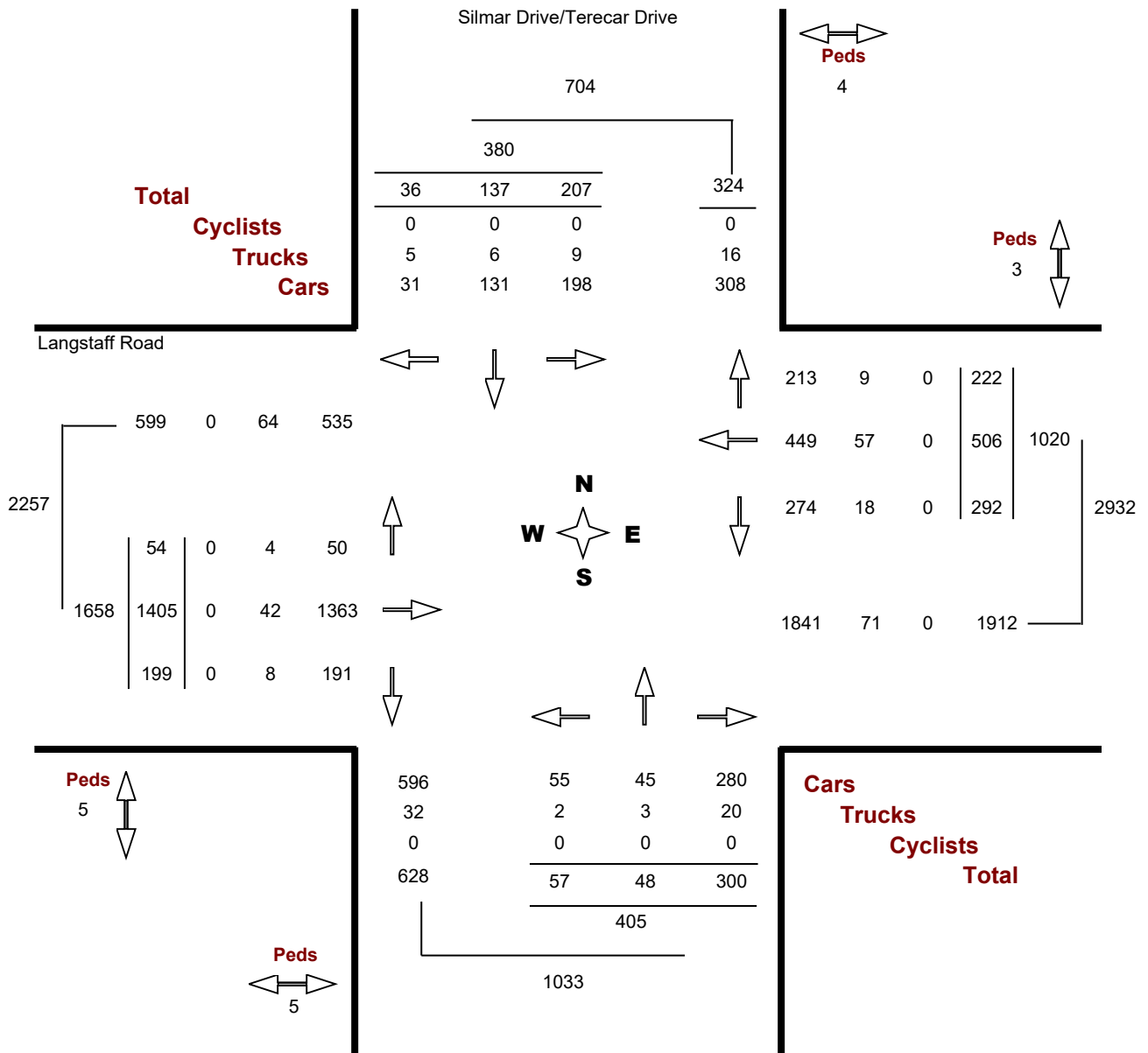
Count Date. Tuesday, 20 December, 2016

Traffic Cont. Traffic signal

Count Period. 07:00 AM – 09:00 AM

Major Dir..... None

Peak Hour.... 08:00 AM – 09:00 AM



Notes:



Turning Movements Diagram Peak Hour Report: MD Period

Location..... Langstaff Road & Silmar Drive/Terecar Drive

GeoID..... 838CA6CB

Municipality. Vaughan

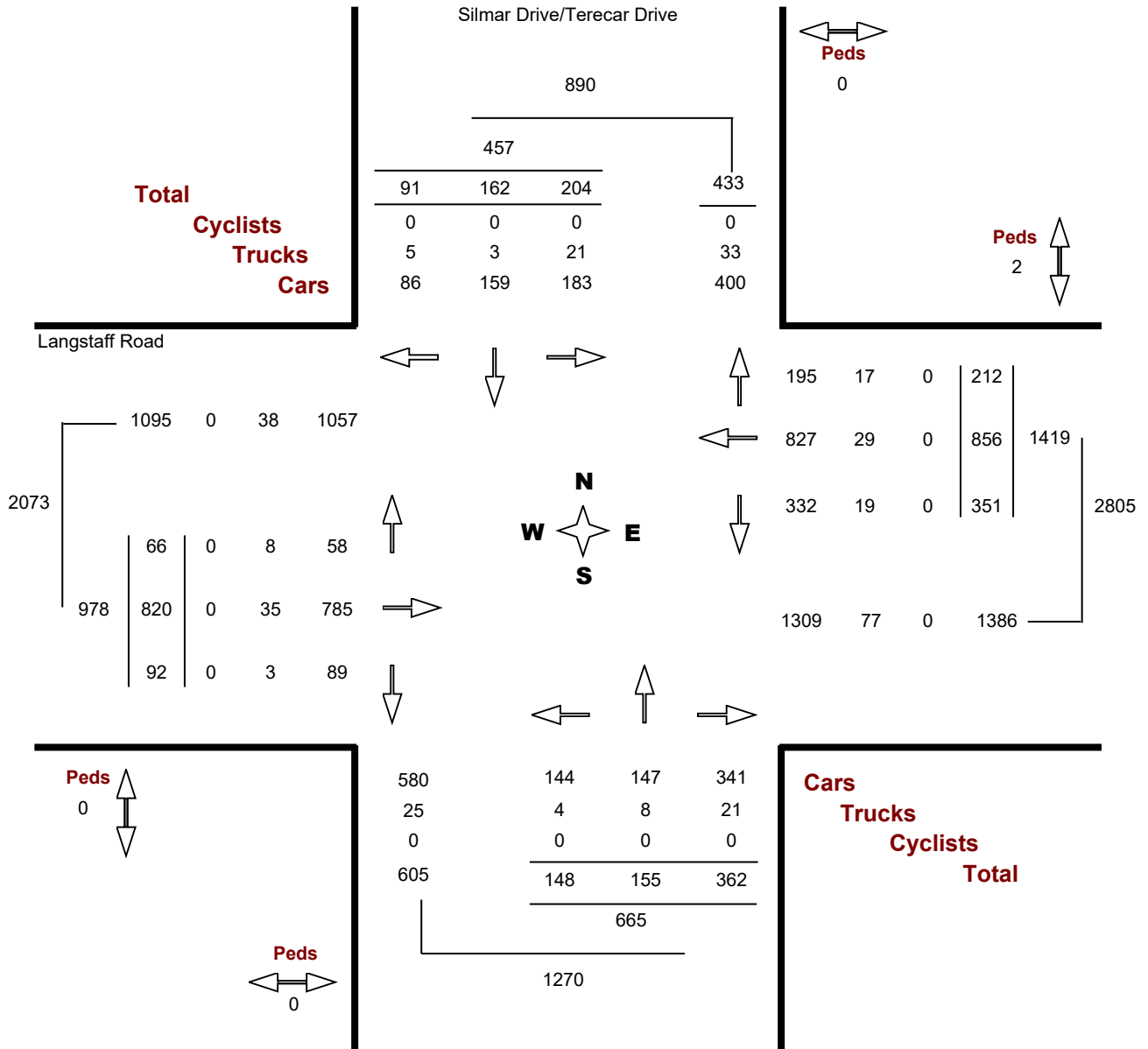
Count Date. Tuesday, 20 December, 2016

Traffic Cont. Traffic signal

Count Period. 11:00 AM – 02:00 PM

Major Dir..... None

Peak Hour.... 12:00 PM – 01:00 PM



Notes:



Turning Movements Diagram Peak Hour Report: PM Period

Location..... Langstaff Road & Silmar Drive/Terecar Drive

GeoID..... 838CA6CB

Municipality. Vaughan

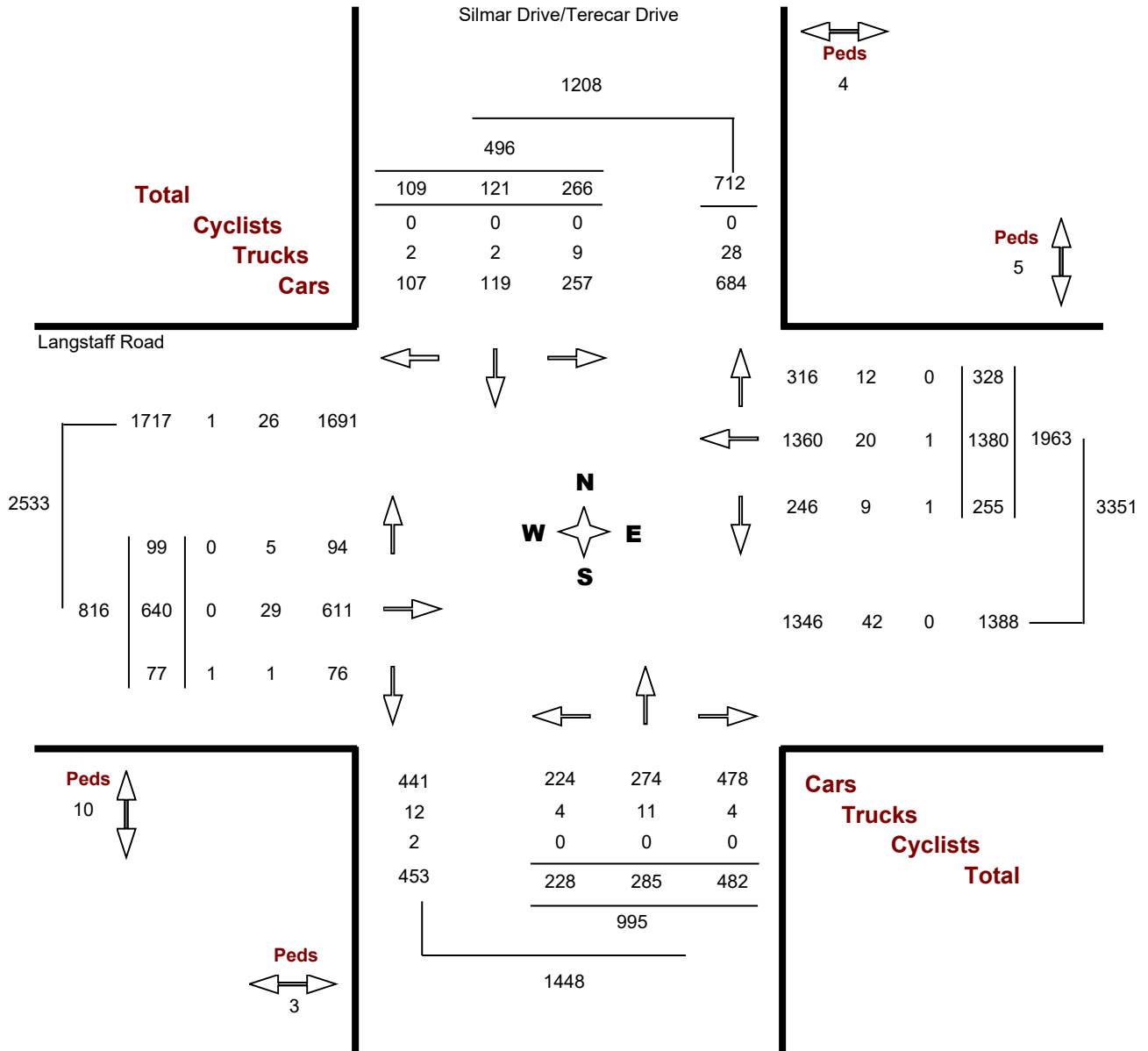
Count Date. Tuesday, 20 December, 2016

Traffic Cont. Traffic signal

Count Period. 03:00 PM – 06:00 PM

Major Dir..... None

Peak Hour.... 04:15 PM – 05:15 PM



Notes:

Turning Movements Diagram Peak Hour Report: AM Period

Location..... Weston Road & Greenpark Boulevard/Crestmount Boulevard

GeoID..... BE1BABEC

Municipality. Vaughan

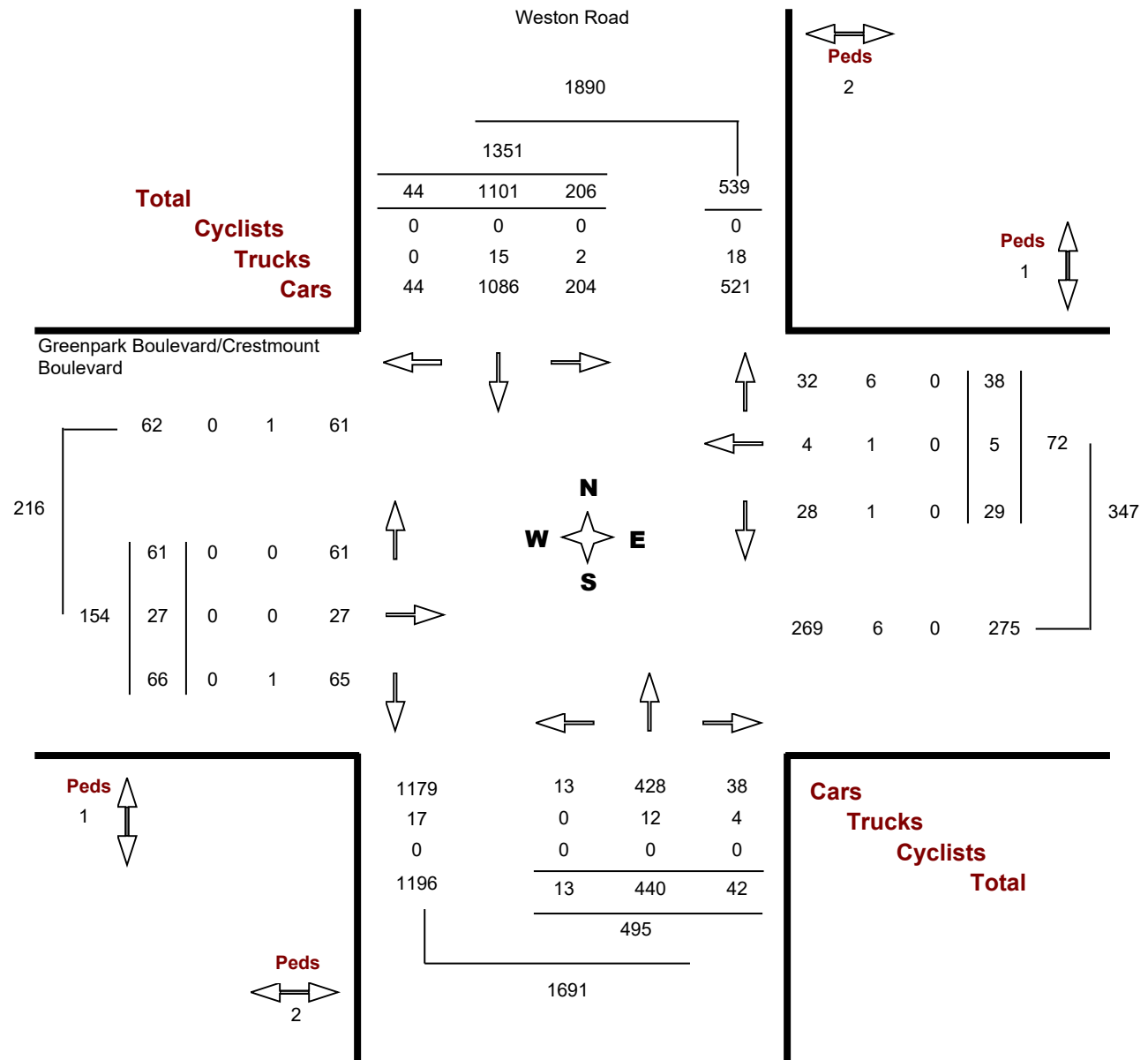
Count Date. Wednesday, 02 March, 2016

Traffic Cont. Traffic signal

Count Period. 07:00 AM – 09:00 AM

Major Dir..... None

Peak Hour.... 08:00 AM – 09:00 AM





Turning Movements Diagram Peak Hour Report: MD Period

Location..... Weston Road & Greenpark Boulevard/Crestmount Boulevard

GeoID..... BE1BABEC

Municipality. Vaughan

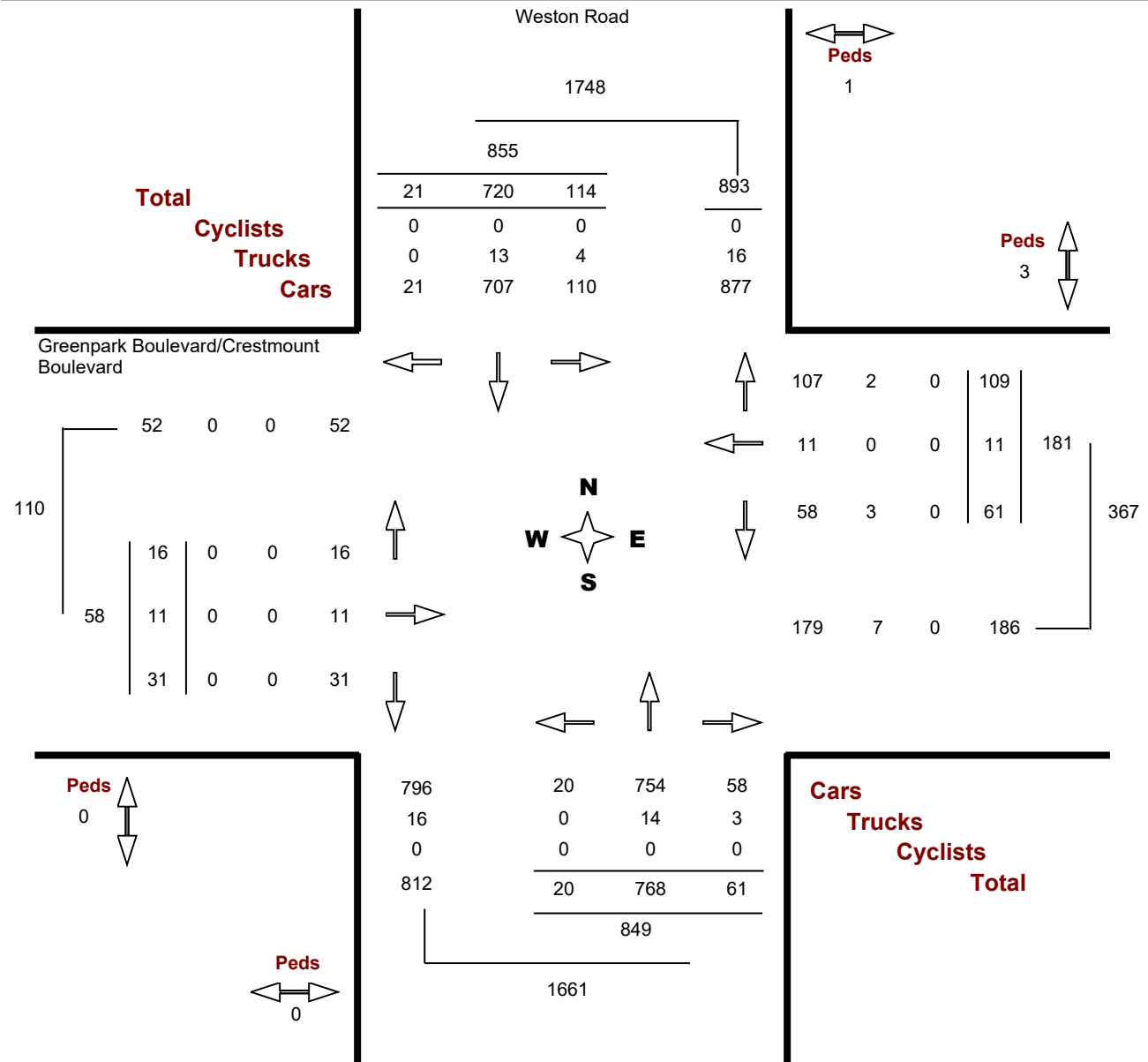
Count Date. Wednesday, 02 March, 2016

Traffic Cont. Traffic signal

Count Period. 11:00 AM – 02:00 PM

Major Dir..... None

Peak Hour.... 01:00 PM – 02:00 PM



Notes:



Turning Movements Diagram Peak Hour Report: PM Period

Location..... Weston Road & Greenpark Boulevard/Crestmount Boulevard

GeoID..... BE1BABEC

Municipality. Vaughan

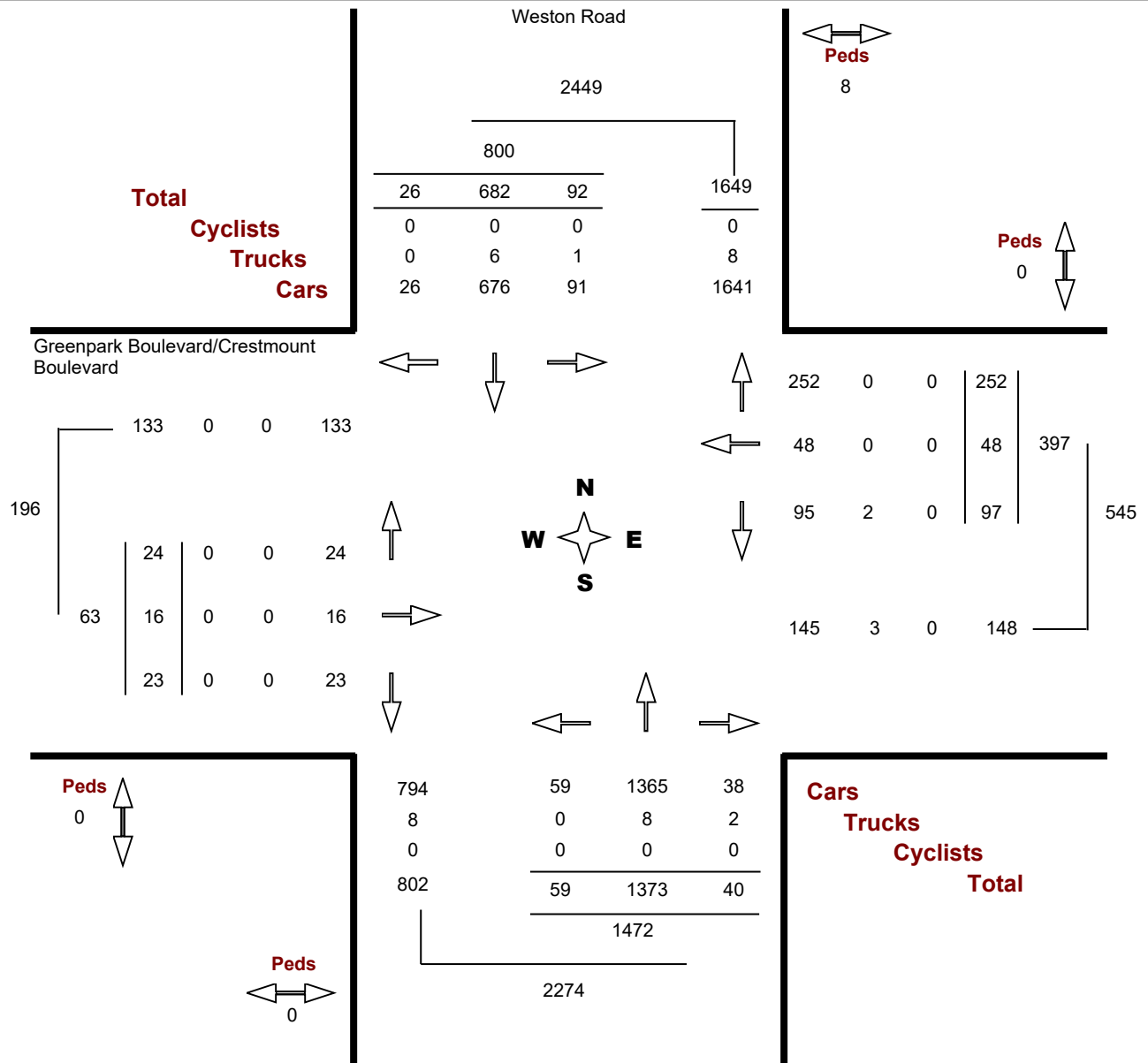
Count Date. Wednesday, 02 March, 2016

Traffic Cont. Traffic signal

Count Period. 03:00 PM – 06:00 PM

Major Dir..... None

Peak Hour.... 04:30 PM – 05:30 PM



Notes:

Turning Movements Diagram Peak Hour Report: AM Period

Location..... Jane Street & Bagg Street/Gensal Gate

GeoID..... E444D9DE

Municipality. Vaughan

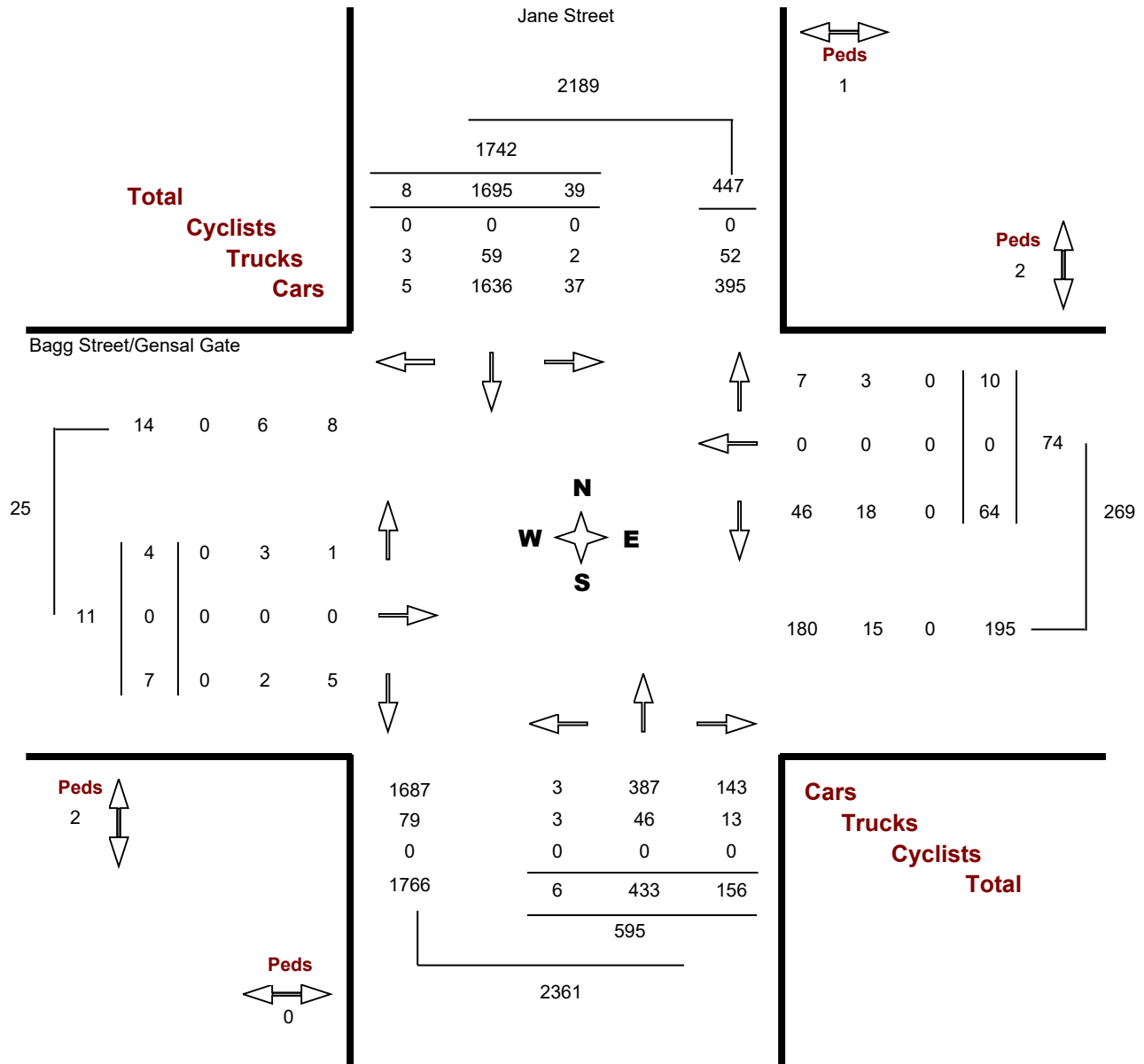
Count Date. Monday, 18 August, 2003

Traffic Cont. Traffic signal

Count Period. 07:00 AM — 09:00 AM

Major Dir..... None

Peak Hour.... 07:45 AM — 08:45 AM



Notes:



Turning Movements Diagram Peak Hour Report: MD Period

Location..... Jane Street & Bagg Street/Gensal Gate

GeoID..... E444D9DE

Municipality. Vaughan

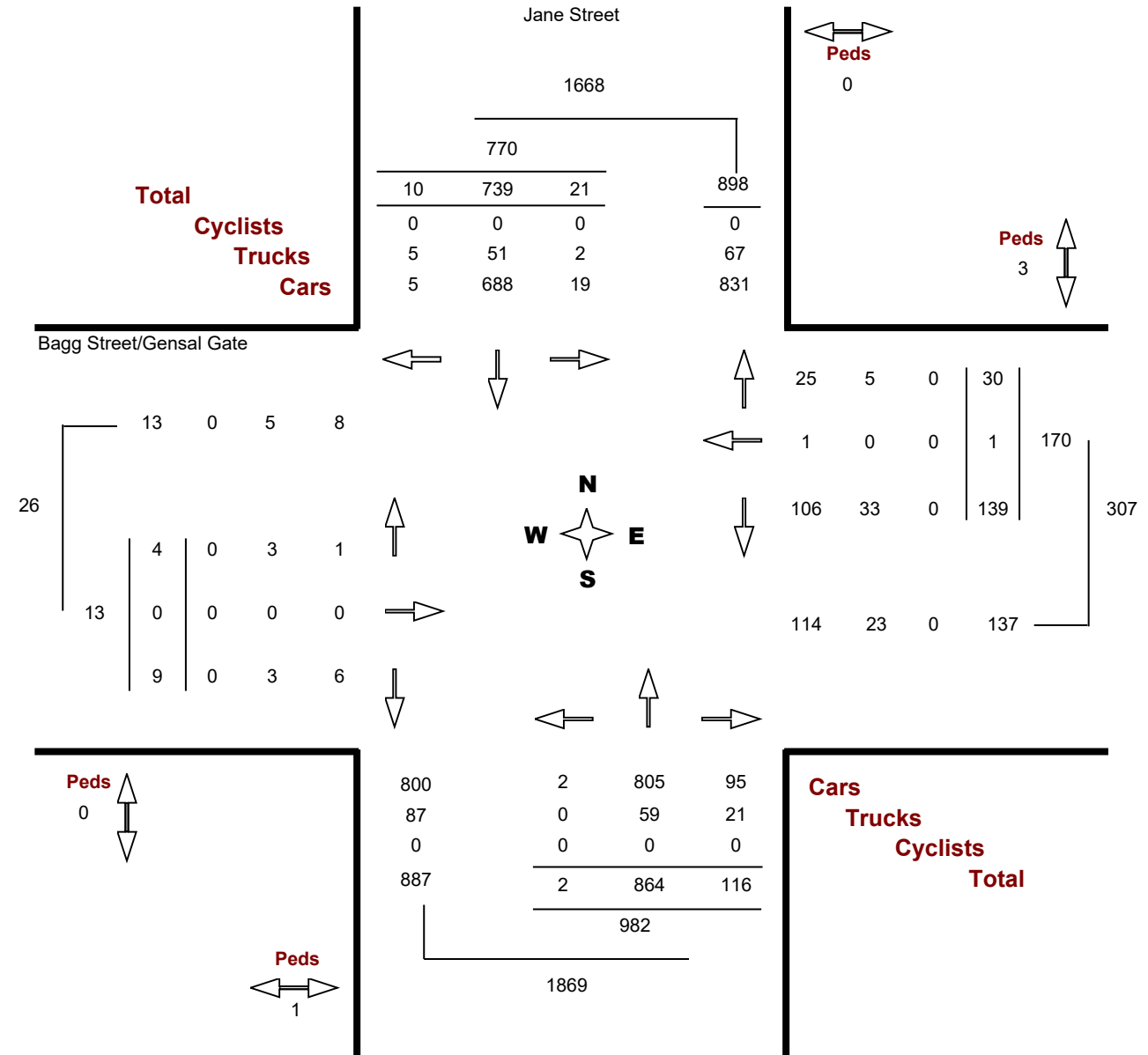
Count Date. Monday, 18 August, 2003

Traffic Cont. Traffic signal

Count Period. 11:00 AM — 02:00 PM

Major Dir..... None

Peak Hour.... 12:15 PM — 01:15 PM



Notes:

Turning Movements Diagram Peak Hour Report: PM Period

Location..... Jane Street & Bagg Street/Gensal Gate

GeoID..... E444D9DE

Municipality. Vaughan

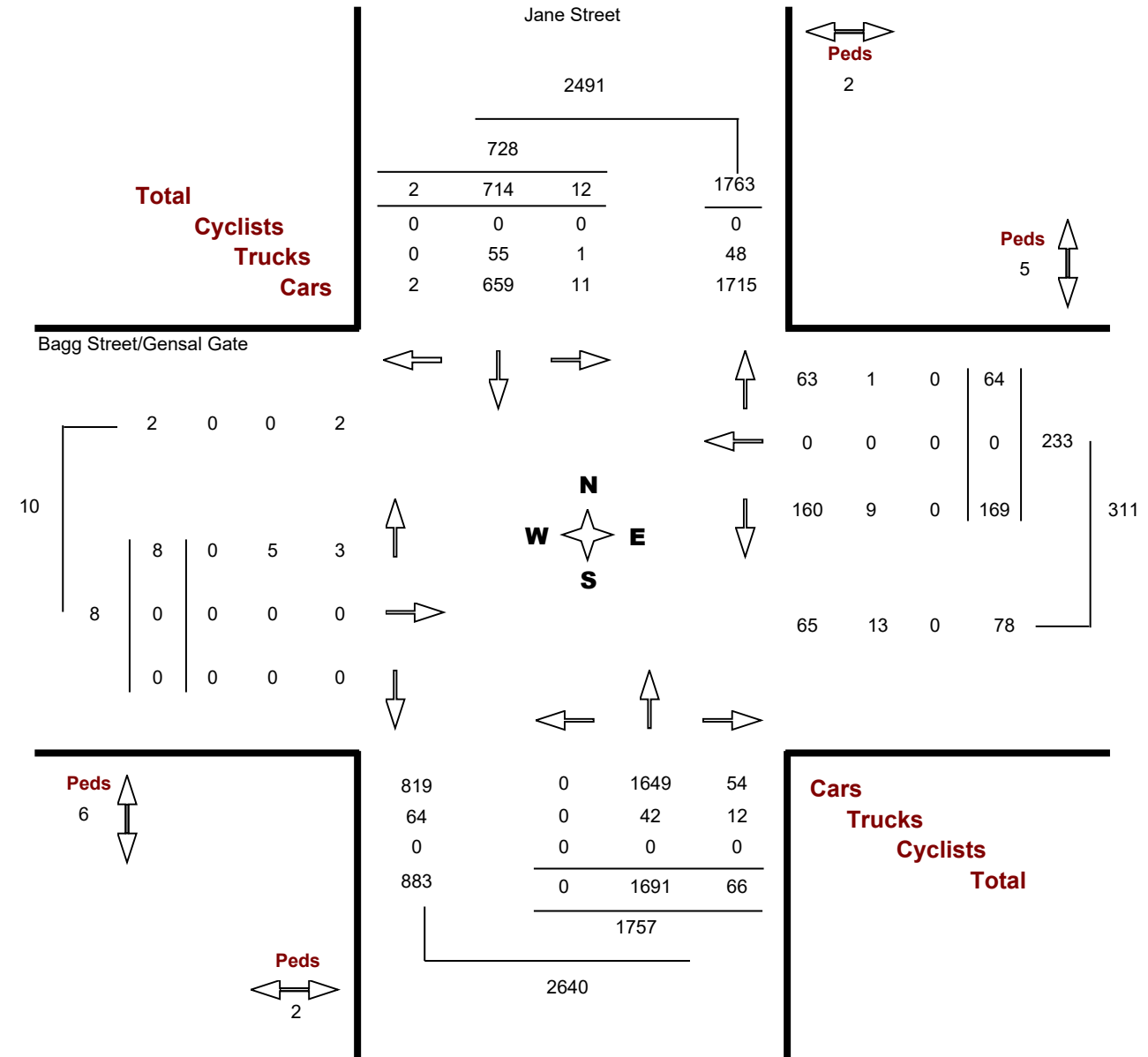
Count Date. Monday, 18 August, 2003

Traffic Cont. Traffic signal

Count Period. 03:00 PM — 06:00 PM

Major Dir..... None

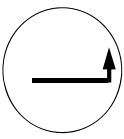
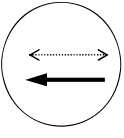
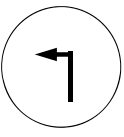
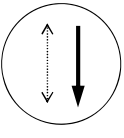
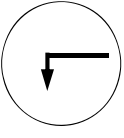
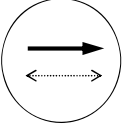
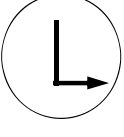
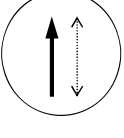
Peak Hour.... 04:30 PM — 05:30 PM



Notes:

LOCATION: **Weston Rd (YR 56) & Rutherford Rd (YR 73)**
 CTCs: **202**
 MODE/COMMENT: **SA**
 PREPARED/CHECKED BY: **M.L**
 PREPARATION DATE:
 IMPLEMENTATION DATE: **June 17,2020**

MUNICIPALITY: **Vaughan**
 COMPUTER SYSTEM: **Centracis**
 CONTROLLER/CABINET TYPE: **Econolite Cobalt / TS2T1**
 CONFLICT FLASH: **Red & Red**
 DESIGN WALK SPEED: **1.0 m/s (FDW based on full crossing at 1.2 m/s)**
 CHANNEL/DROP:

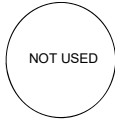
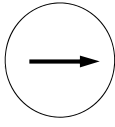
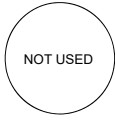
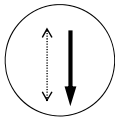
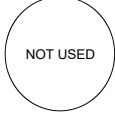
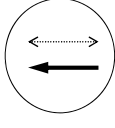
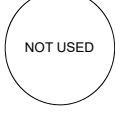
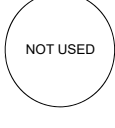
NEMA Phase (York)		AM	PM	OFF	Weekend	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	15:00-20:00 M-F	10:00-15:00;20:00-22:00 M-F	08:00-22:00 Sat & Sun	22:00-6:00 M-F, 22:00-08:00 Sat & Sun		
		Local Plan	Pattern 1	Pattern 2	Pattern 3	Pattern 4		
	System Plan	Plan 1	Plan 2	Plan 3	Plan 4	Plan 99		
1. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 10 AMB 3 ALR 1 SPLIT						Callable/Extendable by Setback Loop	Pedestrian Minimums: EWWK = 7 sec., EWFD = 30 sec. NSWK = 7 sec., NSFD = 29 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Westbound  Rutherford Rd	WLK 7 FDW 30 MIN 40 EXT 0 MAX1 50 MAX2 65 AMB 4.5 ALR 3.0 SPLIT						Fixed	Emergency vehicle pre-emption 4: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction. NS phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NSG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NSG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 50 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the EWG.
3. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 10 AMB 3 ALR 1 SPLIT						Callable/Extendable by Setback Loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Southbound  Weston Rd	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 50 MAX2 65 AMB 4.5 ALR 3.0 SPLIT						Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
5. W/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 10 AMB 3 ALR 1 SPLIT						Callable/Extendable by Setback Loop	Special Dates - Plan 4 emergency plan implemented to accommodate closure along Hwy 400 on June 20 & 21, 2020
6. Eastbound  Rutherford Rd	WLK 7 FDW 30 MIN 40 EXT 0 MAX1 50 MAX2 65 AMB 4.5 ALR 3.0 SPLIT						Fixed	
7. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 10 AMB 3 ALR 1 SPLIT						Callable/Extendable by Setback Loop	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera
8. Northbound  Weston Rd	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 50 MAX2 65 AMB 4.5 ALR 3.0 SPLIT						Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	160 0 30	160 0 30	120 0 30	140 0 30	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

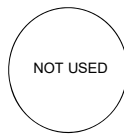
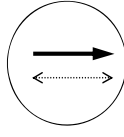
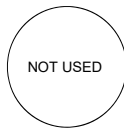
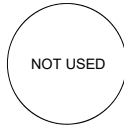
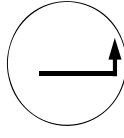
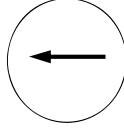
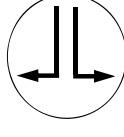
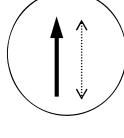
NEMA Phase (York)		AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00, M-F,	15:00-20:00 M-F	10:00-15:00,20:00- 22:00 M-F; 08:00-22:00 Sat. & Sun.	22:00-6:00 M-F, 22:00- 08:00 Sat. & Sun All Day Sat &Sun		
		Local Plan System Plan	Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3		
1. E/B Left Turn Arrow 	WLK 7 FDW 7 MIN 7 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT	0	12	12	0	Callable/Extendable by Setback Loop	Pedestrian Minimums: EWWK = 7 sec., EWFD = 27 sec. NSWK = 7 sec., NSFD = 29 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Westbound Rutherford Rd	WLK 7 FDW 27 MIN 34 EXT 0 MAX1 34 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	100	103	78	0	Fixed	Emergency vehicle pre-emption 4: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction. NS phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NSG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NSG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 40 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the EWG.
3. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						
4. Southbound Vellore Woods Blvd	WLK 7 FDW 29 MIN 10 EXT 6 MAX1 40 MAX2 0 AMB 3.5 ALR 4.5 SPLIT	60	45	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
5. W/B Left Turn Arrow 	WLK 7 FDW 7 MIN 3 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT	0	0	0	0	Callable/Extendable by Setback Loop	During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
6. Eastbound Rutherford Rd	WLK 7 FDW 27 MIN 34 EXT 0 MAX1 34 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	100	115	90	0	Fixed	
7. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera
8. Northbound Comm Entrance	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 40 MAX2 0 AMB 3.5 ALR 4.5 SPLIT	60	45	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	160	160	140	0 (FREE)		
		0	0	0	0 (FREE)		
		27	27	27	0 (FREE)		

NOTES:

LOCATION: Hwy 400 SB Offramp & Rutherford Rd (YR73) **MUNICIPALITY:** Vaughan
CTCS: 440 (MTO Signal) **COMPUTER SYSTEM:** Centrac
MODE/COMMENT: SA **CONTROLLER/CABINET TYPE:** Econolite Cobalt / TS2T1
PREPARED/CHECKED BY: M.L. **CONFLICT FLASH:** Red & Red
PREPARATION DATE: **DESIGN WALK SPEED:** 1.0 m/s (FDW based on full crossing at 1.2 m/s)
IMPLEMENTATION DATE: June 19,2020 **CHANNEL/DROP:**

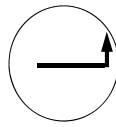
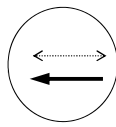
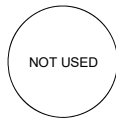
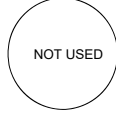
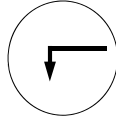
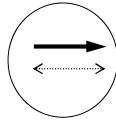
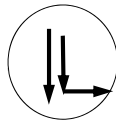
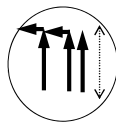
NEMA Phase (MTO)	Normal Time	Pre-Time	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks		
			06:00-10:00 M-F;	15:00-20:00 M-F	10:00-15:00; 20:00-22:00 M-F; 08:00-22:00 Sat. & Sun.	22:00-06:00 Mon. - Fri.; 22:00-08:00 Sat. & Sun.				
			Pattern 1	Pattern 2	Pattern 3	Pattern 99				
1.		WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						Pedestrian Minimums: EWWK = 7 sec., EWFD = 15 sec. NSWK = 7 sec., NSFD = 20 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.		
2. Eastbound		WLK 7 FDW 15 MIN 20 EXT 4 MAX1 68 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Veh Min Recall Ped Recall	Emergency vehicle pre-emption 4: Serve SBG/SBDW min 20 secs and up to 100 secs if there are continuous emergency calls in SB direction. SB phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum SBG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the SBG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 39 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand.		
	Rutherford Rd		110	120	90	0				
3.		WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand. During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand.		
4. Southbound		WLK 7 FDW 20 MIN 10 EXT 3 MAX1 39 MAX2 0 AMB 4.5 ALR 2.5 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.		
	Hwy 400 SB Offramp		40	40	50	0				
5.		WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT								
6. Westbound		WLK 7 FDW 15 MIN 20 EXT 4 MAX1 68 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Veh Min Recall Ped Recall			
	Rutherford Rd		110	120	90	0				
7.		WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera		
		WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT								
		CL OF VP	150 0 15	160 0 15	140 0 15	0 (FREE) 0 (FREE) 0 (FREE)				

NOTES:

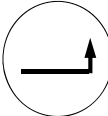
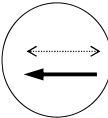
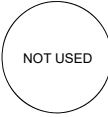
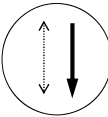
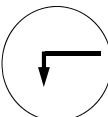
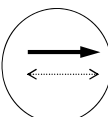
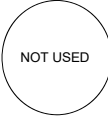
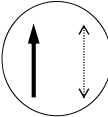
NEMA Phase (MTO)	Local Plan System Plan	AM	PM	Off Peak	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
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		Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						Pedestrian Minimums: EWWK = 7 sec., EWFD = 25 sec. NSWK = 7 sec., NSFD = 29 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Eastbound  Rutherford Rd	WLK 7 FDW 25 MIN 32 EXT 4 MAX1 43 MAX2 0 AMB 4.5 ALR 4.0 SPLIT	87	93	73	0	Veh Min Recall Ped Recall	NB phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NBG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NBG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 34 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand. During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
3. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT				0		During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
5. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT	12	12	12	0	Callable/Extendable by Setback Loop	SB phase is callable by vehicle actuation. If a vehicle call is received, the minimum SBG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the SBG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 19 secs during Free operation.
6. Westbound  Rutherford Rd	WLK 7 FDW 25 MIN 32 EXT 4 MAX1 43 MAX2 0 AMB 4.5 ALR 4.0 SPLIT	75	81	61	0	Veh Min Recall Ped Recall	
7. Southbound  Canada Wonderland Dr	WLK FDW MIN 7 EXT 3 MAX1 25 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	17	17	17	0	Callable by stopbar loop Extendable by stopbar loop.	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera
8. Northbound  Highway 400 NB Offramp	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 34 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	46	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	150 30 25	160 0 25	140 0 25	0 (FREE) 0 (FREE) 0 (FREE)		

LOCATION: Rutherford Rd (YR 73) & Sweetriver/Vaughan Mills Ent
CTCS: 558
MODE/COMMENT: SA
PREPARED/CHECKED BY: ML
PREPARATION DATE:
IMPLEMENTATION DATE: June 17, 2020

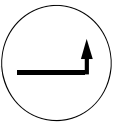
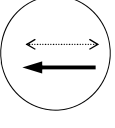
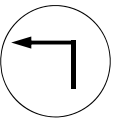
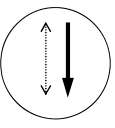
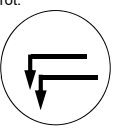
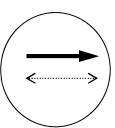
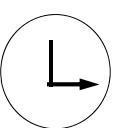
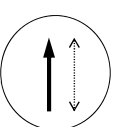
MUNICIPALITY: Vaughan
COMPUTER SYSTEM: CentraCS
CONTROLLER/CABINET TYPE: Econolite ASC/3-1000 / TS2T1
CONFLICT FLASH: Red & Red
DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
CHANNEL/DROP:

NEMA Phase (York)	Local Plan System Plan	AM	PM	Off Peak	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		06:00-10:00, M-F	15:00-20:00 M - F.	10:00-15:00; 20:00-22:00 08:00-22:00 Sat&Sun	22:00 - 06:00; M - F 22:00- 08:00 Sat. & Sun.		
		Pattern 1	Pattern 2	Pattern 3	Pattern 99		
1. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 13 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	Pedestrian Minimums: EWWK = 7 sec., EWFD = 31 sec. NSWK = 7 sec., NSFD = 28 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Westbound  Rutherford Rd	WLK 7 FDW 31 MIN 40 EXT 0 MAX1 40 MAX2 0 AMB 4.5 ALR 3.5 SPLIT	12	12	12	0	Fixed	NB phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NBG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NBG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 19 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the EWG.
3. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
5. W/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	
6. Eastbound  Rutherford Rd	WLK 7 FDW 31 MIN 40 EXT 0 MAX1 40 MAX2 0 AMB 4.5 ALR 3.5 SPLIT	75	85	65	0	Fixed	
7. Southbound  Sweetriver Blvd	WLK FDW MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.5 SPLIT					Callable/Extendable by Stopbar Loop Skippable Split Phase	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera
8. Northbound  Vaughan Mills Ent	WLK 7 FDW 28 MIN 10 EXT 3 MAX1 40 MAX2 0 AMB 3.5 ALR 4.5 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop. Skippable Split Phase	
	CL OF VP	150 20 31	160 0 31	140 0 31	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION: Rutherford Rd (YR 73) & Julliard Dr/Vaughan Mills Ent		MUNICIPALITY: Vaughan				Phase Mode (Fixed/Demanded/Callable)	Remarks
CTCS: 617		COMPUTER SYSTEM: Contracs					
MODE/COMMENT: SA		CONTROLLER/CABINET TYPE: Econolite ASC/3-1000 / TS2T1					
PREPARED/CHECKED BY: ML		CONFLICT FLASH: Red & Red					
PREPARATION DATE:		DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)					
IMPLEMENTATION DATE: June 17, 2020		CHANNEL/DROP:					
NEMA Phase (York)		AM 06:00-10:00, M-F	PM 15:00-20:00 M - F.	Off Peak 10:00-15:00; 20:00-22:00 M-F 08:00-22:00 Sat&Sun	Free 22:00 - 06:00; M - F 22:00-08:00 Sat. & Sun.		
	Local Plan	Pattern 1	Pattern 2	Pattern 3	Pattern 99		
	System Plan	Plan 1	Plan 2	Plan 3	Plan 99		
1. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	<p>Pedestrian Minimums: EWWK = 7 sec., EWFD = 28 sec. NSWK = 7 sec., NSFD = 28 sec.</p> <p>Emergency vehicle pre-emption 3:</p> <p>Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.</p>
2. Westbound  Rutherford Rd	WLK 7 FDW 28 MIN 40 EXT 0 MAX1 40 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Fixed TSP extension of 5 secs when SLOW or 10 secs when VERY SLOW (TSP not activated)	<p>NS phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NSG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NSG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 40 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the EWG.</p> <p>During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.</p>
3. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						<p>During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand.</p> <p>EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.</p>
4. Southbound  Julliard Dr	WLK 7 FDW 28 MIN 10 EXT 3 MAX1 40 MAX2 0 AMB 3.5 ALR 4.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	<p>Special Dates - timing changes implemented to accommodate closure along Hwy 400 on June 20 & 21, 2020</p>
5. W/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	
6. Eastbound  Rutherford Rd	WLK 7 FDW 28 MIN 40 EXT 0 MAX1 40 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Fixed TSP extension of 5 secs when SLOW or 10 secs when VERY SLOW (TSP not activated)	
7. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						<p>LEGEND:</p> <p>SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera</p>
8. Northbound  Vaughan Mills Ent	WLK 7 FDW 28 MIN 10 EXT 3 MAX1 40 MAX2 0 AMB 3.5 ALR 4.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	150 10 28	160 0 28	140 0 28	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION:		Jane St (YR 55) & Rutherford Rd (YR 73)				MUNICIPALITY:		Vaughan
CTCS:		195				COMPUTER SYSTEM:		Centrac
MODE/COMMENT:		SA				CONTROLLER/CABINET TYPE:		Econolite ASC/3-1000 / TS2T1 ↑
PREPARED/CHECKED BY:		ML				CONFLICT FLASH:		Red & Red
PREPARATION DATE:						DESIGN WALK SPEED:		1.0 m/s (FDW based on full crossing at 1.2 m/s)
IMPLEMENTATION DATE:		June 17,2020				CHANNEL/DROP:		
NEMA Phase (York)		AM	PM	Off Peak	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks	
		06:00-10:00, M-F	10:00-22:00 M - F.	08:00-22:00 Sat. & Sun	22:00-6:00 M-F ; 22:00-08:00 Sat& Sun			
	Local Plan	Pattern 1	Pattern 2	Pattern 3	Pattern 99			
	System Plan	Plan 1	Plan 2	Plan 3	Plan 99			
1. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 20 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Stopbar Loop	Pedestrian Minimums: EWWK = 7 sec., EWFD = 36 sec. NSWK = 7 sec., NSFD = 36 sec. Emergency vehicle pre-emption 3: Serve WBG/WBLT min 20 secs and up to 100 secs if there are continuous emergency calls in WB direction.	
2. Westbound  Rutherford Rd	WLK 7 FDW 33 MIN 40 EXT 0 MAX1 50 MAX2 0 AMB 4.5 ALR 3.5 SPLIT					Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. Emergency vehicle pre-emption 5: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.	
3. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	NS phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NSG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NSG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 50 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the EWG.	
4. Southbound  Jane St	WLK 7 FDW 36 MIN 10 EXT 3 MAX1 50 MAX2 0 AMB 4.5 ALR 4.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop		
5. W/B Left Turn Arrow Fully Prot. 	WLK FDW MIN 7 EXT 3 MAX1 20 MAX2 0 AMB 3 ALR 2 SPLIT					Fully Protected Callable/Extendable by Stopbar Loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand. During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand.	
6. Eastbound  Rutherford Rd	WLK 7 FDW 33 MIN 40 EXT 0 MAX1 50 MAX2 0 AMB 4.5 ALR 3.5 SPLIT					Fixed	EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.	
7. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera	
8. Northbound  Jane St	WLK 7 FDW 36 MIN 10 EXT 3 MAX1 50 MAX2 0 AMB 4.5 ALR 4.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop		
	CL OF VP	160 0 33	160 0 33	140 0 33	0 (FREE) 0 (FREE) 0 (FREE)			

NOTES:

LOCATION: Jane St (YR 55) & Riverock Gate/Vaughan Mills Entrance
 CTCS: 606
 MODE/COMMENT: SA
 PREPARED/CHECKED BY: ML
 PREPARATION DATE:
 IMPLEMENTATION DATE: June 19, 2019

MUNICIPALITY: Vaughan
 COMPUTER SYSTEM: Contracs
 CONTROLLER/CABINET TYPE: Econolite Cobalt / TS2T1
 CONFLICT FLASH: Red & Red
 DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
 CHANNEL/DROP:



NEMA Phase (York)	Local Plan System Plan	AM 6:30-9:30 M-F	PM 16:00-22:00 M-F	OFF 9:30-16:00 M-F & 9:30-20:00 Sat&Sun	Free 22:00-6:30 M-F & 20:00-9:30 Sat&Sun	Phase Mode (Fixed/Demanded/Callable)	Remarks
		Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	Pedestrian Minimums: NSWK = 7 sec., NSFD = 25 sec. EWWK = 7 sec., EWFD = 28 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound 	Jane St WLK 7 FDW 25 MIN 32 EXT 0 MAX1 32 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	12	20	12	0	Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 19 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						
4. Eastbound 	Vaughan Mills Entrance WLK 7 FDW 28 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
5. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand. NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
6. Northbound 	Jane St WLK 7 FDW 25 MIN 32 EXT 0 MAX1 32 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	0	0	0	0	Fixed	Signal timings adjustments due to Hwy 400 Closure on Jun 20 & 21, 2020
7. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 12 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound 	Riverock Gate WLK 7 FDW 28 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	
	CL OF VP	140 83 25	160 50 25	115 0 25	0 (FREE) 0 (FREE) 0 (FREE)		

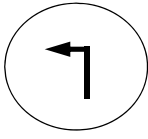
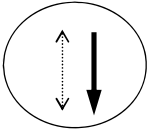
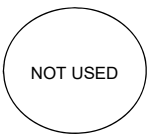
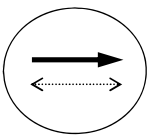
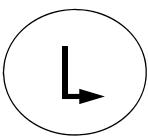
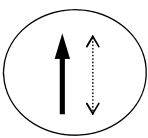
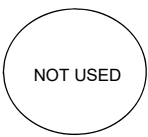
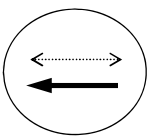
NOTES:

LOCATION:
 CTCs:
 MODE/COMMENT:
 PREPARED/CHECKED BY:
 PREPARATION DATE:
 IMPLEMENTATION DATE:

Jane St (YR 55) & Locke St/Bass Pro Mills Dr
 611
 SA
 ML
 Oct. 24, 2019

MUNICIPALITY: Vaughan
 COMPUTER SYSTEM: Centrac
 CONTROLLER/CABINET TYPE: Econolite Cobalt / TS2T1
 CONFLICT FLASH: Red & Red
 DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
 CHANNEL/DROP:

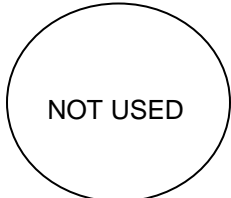
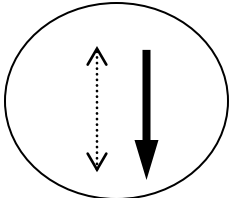
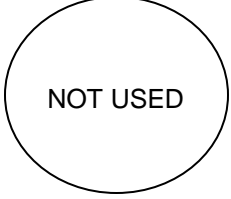
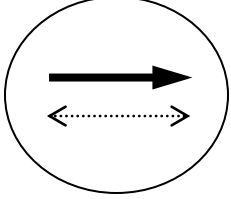
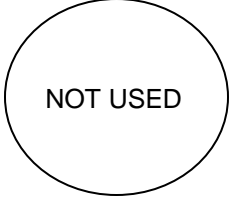
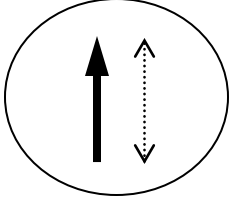
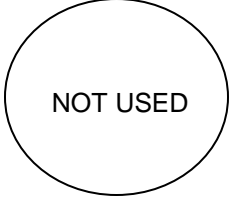
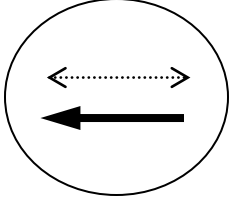


NEMA Phase (York)	Local Plan System Plan	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:30-9:30 M-F	15:00-22:00 M-F	9:30-15:00 M-F & 9:30-20:00 Sat&Sun	22:00-6:30 M-F & 20:00-9:30 Sat&Sun		
	Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99			
1. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	Pedestrian Minimums: NSWK = 7 sec., NSFD = 25 sec. EWWK = 7 sec., EWFD = 28 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound  Jane St	WLK 7 FDW 25 MIN 32 EXT 0 MAX1 32 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	90	110	65	0	Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 19 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						
4. Eastbound  Bass Pro Mills Dr	WLK 7 FDW 28 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT	50	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
5. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand. NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
6. Northbound  Jane St	WLK 7 FDW 25 MIN 32 EXT 0 MAX1 32 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	90	110	65	0	Fixed	
7. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound  Locke St	WLK 7 FDW 28 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT	50	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	
	CL OF VP	140 109 25	160 70 25	115 0 25	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

NEMA Phase (MTO)	Normal Time	PM 16:00-23:00, M-F & Sat, Sun	Free All Other Times	Phase Mode (Fixed/Demanded/Callable)	Remarks
		Pattern free Plan 98	Pattern 99 Plan 99		
	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT				Pedestrian Minimums: EWWK = 7 sec., EWFD = 23 sec. NSWK = 7 sec., NSF D = 20 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Eastbound <div style="text-align: center;"></div> Bass Pro Mills	WLK FDW MIN 15 EXT 3.2 MAX1 35 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	0	0	Veh Min Recall	Emergency vehicle pre-emption 4: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction. NS phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NSG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NSG is capable of providing vehicle extensions up to the maximum green. If a pedestrian call is received, the pedestrian minimum will be served.
	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT				Please see reverse page for Pretime.
4. <div style="text-align: center;"></div>	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT				
	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT				
6. Westbound <div style="text-align: center;"></div> Bass Pro Mills	WLK 7 FDW 23 MIN 15 EXT 3.2 MAX1 35 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	0	0	Veh Min Recall NBRT tied to WB phase	
7. Southbound <div style="text-align: center;"></div> Fishermens Way	WLK 0 FDW 0 MIN 10 EXT 3 MAX1 23 MAX2 33 AMB 4.0 ALR 1.0 SPLIT	MAX 2 USED		Callable and extendable by stopbar loop 10 secs delay	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSF D - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Northbound <div style="text-align: center;"></div> Hwy 400 NB	WLK 7 FDW 20 MIN 10 EXT 3 MAX1 33 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	0	0	Callable by stopbar loop and/or pushbutton Extendable by stopbar loop 10 secs delay	
	CL OF VP	0 (FREE) 0 (FREE) 0 (FREE)	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

NEMA Phase (York)	Local Plan System Plan	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:30-9:30 M-F	15:00-22:00 M-F	9:30-15:00 M-F & 9:30-20:00 Sat&Sun	22:00-6:30 M-F & 20:00-9:30 Sat&Sun		
		Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1.  NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						Pedestrian Minimums: NSWK = 7 sec., NSFD = 23 sec. EWWK = 7 sec., EWFD = 25 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound  Jane St	WLK 7 FDW 23 MIN 30 EXT 0 MAX1 30 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	90	110	65	0	Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 19 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3.  NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Eastbound  Gensal Gate	WLK 7 FDW 25 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	50	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand. NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
5.  NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						
6. Northbound  Jane St	WLK 7 FDW 23 MIN 30 EXT 0 MAX1 30 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	90	110	65	0	Fixed	
7.  NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound  Bagg St	WLK 7 FDW 25 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	50	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	
	CL OF VP	140 135 23	160 50 23	115 0 23	0 (FREE) 0 (FREE) 0 (FREE)		

LOCATION:
CTCS:
MODE/COMMENT:
PREPARED/CHECKED BY:
PREPARATION DATE:
IMPLEMENTATION DATE:

Jane St (YR 55) & Courtland Ave/Edilcan Dr
194
SA
ML
Oct. 24, 2019

MUNICIPALITY: Vaughan
COMPUTER SYSTEM: Centrac
CONTROLLER/CABINET TYPE: Econolite Cobalt / TS2T1
CONFLICT FLASH: Red & Red
DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
CHANNEL/DROP:



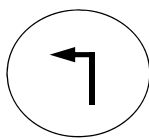
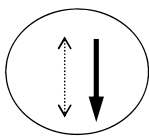
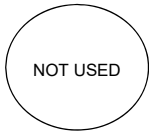
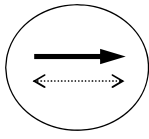
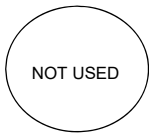
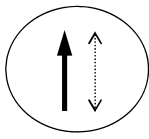
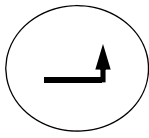
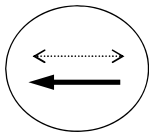
NEMA Phase (York)	Local Plan System Plan	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:30-9:30 M-F	15:00-22:00 M-F	9:30-15:00 M-F & 9:30-20:00 Sat&Sun	22:00-6:30 M-F & 20:00-9:30 Sat&Sun		
		Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT	0	0	0	0	Callable/Extendable by Setback Loop	Pedestrian Minimums: NSWK = 7 sec., NSFD = 25 sec. EWWK = 7 sec., EWFD = 26 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound Jane St	WLK 7 FDW 25 MIN 32 EXT 0 MAX1 32 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	90	110	65	0	Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 40 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						
4. Eastbound Courtland Ave	WLK 7 FDW 26 MIN 10 EXT 3 MAX1 40 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	50	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
5. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT	0	0	0	0	Callable/Extendable by Setback Loop	During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand. NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
6. Northbound Jane St	WLK 7 FDW 25 MIN 32 EXT 0 MAX1 32 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	90	110	65	0	Fixed	
7. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound Edilcan Dr	WLK 7 FDW 26 MIN 10 EXT 3 MAX1 40 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	50	50	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	
	CL OF VP	140 24 25	160 30 25	115 0 25	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

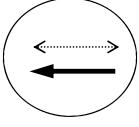
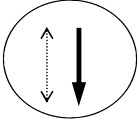
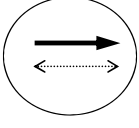
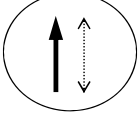
LOCATION: Jane St (YR 55) & Langstaff Rd (YR 72)
 CTCS: 193
 MODE/COMMENT: SA
 PREPARED/CHECKED BY: ML
 PREPARATION DATE:
 IMPLEMENTATION DATE: Oct. 24, 2019

MUNICIPALITY: Vaughan
 COMPUTER SYSTEM: Centrac
 CONTROLLER/CABINET TYPE: Econolite Cobalt / TS2T1
 CONFLICT FLASH: Red & Red
 DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
 CHANNEL/DROP:



NEMA Phase (York)	Local Plan System Plan	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	15:00-22:00 M-F	10:00-15:00 M-F & 10:00-22:00 Sat&Sun	22:00-6:00 M-F & 22:00-10:00 Sat&Sun		
		Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	Pedestrian Minimums: NSWK = 7 sec., NSFD = 28 sec. EWWWK = 7 sec., EWFD = 29 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound  Jane St	WLK 7 FDW 28 MIN 35 EXT 0 MAX1 35 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 19 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						
4. Eastbound  Langstaff Rd	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand. During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand.
5. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
6. Northbound  Jane St	WLK 7 FDW 28 MIN 35 EXT 0 MAX1 35 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Fixed	
7. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound  Langstaff Rd	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop	
	CL OF VP	140 30 28	160 15 28	120 0 28	0 (FREE) 0 (FREE) 0 (FREE)		

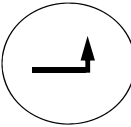
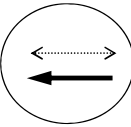
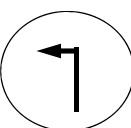
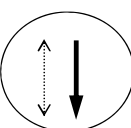
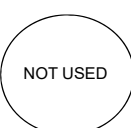
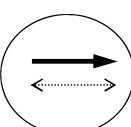
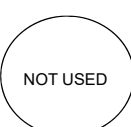
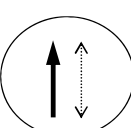
NOTES:

LOCATION: Langstaff Road (YR 72) & Millway Avenue		MUNICIPALITY: Vaughan				COMPUTER SYSTEM: Centracs	
CTCS: 344		CONTROLLER/CABINET TYPE: Econolite Cobalt / TS2T1				CONFLICT FLASH: Red & Red	
MODE/COMMENT: SA		DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)				CHANNEL/DROP:	
PREPARED/CHECKED BY: M.L.							
PREPARATION DATE: Feb. 1, 2017							
IMPLEMENTATION DATE: March 8, 2017							
NEMA Phase (York)	Local Plan System Plan	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	16:00-19:00 M-F	10:00-16:00, 19:00-22:00 M-F; 10:00 - 22:0 Sat. & Sun.	22:00-0600 M-F, 22:00-10:00 SAT&SUN		
NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		PEDESTIAN MINIMUMS: EWWK= 7 sec, EWDW=19 sec NSWK= 7 sec, NSDW= 25 sec Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Westbound  Langstaff Road	WLK 7 FDW 19 MIN 30 EXT 0 MAX1 30 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	99	99	75	0	Fixed	EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is served. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or MAX 1 during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0			During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Southbound  Millway Avenue	WLK 7 FDW 25 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	41	41	45	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand.
5. NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
6. Eastbound  Langstaff Road	WLK 7 FDW 19 MIN 30 EXT 0 MAX1 30 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	99	99	75	0	Fixed	
7. NOT USED	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Northbound  Millway Avenue	WLK 7 FDW 25 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4 ALR 3.5 SPLIT	41	41	45	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	140 10 19	140 95 19	120 0 19	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION: Langstaff Road (YR 72) & Edgeley Blvd. **MUNICIPALITY:** Vaughan
CTCS: 236 **COMPUTER SYSTEM:** Centracs
MODE/COMMENT: SA **CONTROLLER/CABINET TYPE:** Econolite Cobalt / TS2T1
PREPARED/CHECKED BY: M.L. **CONFLICT FLASH:** Red & Red
PREPARATION DATE: Feb. 3, 2017 **DESIGN WALK SPEED:** 1.0 m/s (FDW based on full crossing at 1.2 m/s)
IMPLEMENTATION DATE: March 8, 2017 **CHANNEL/DROP:**

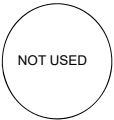
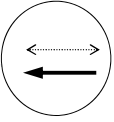
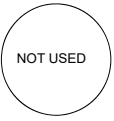
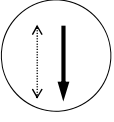
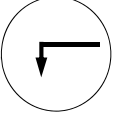
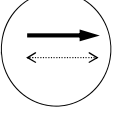
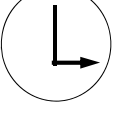
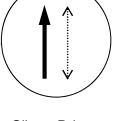


NEMA Phase (York)	Local Plan System Plan	AM	PM	OFF	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	16:00-19:00 M-F	10:00-16:00, 19:00-22:00 M-F; 10:00-22:00 Sat. & Sun.	22:00-0600 M-F, 22:00-10:00 SAT&SUN		
		Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	Pedestrian Mimimums: EWWWK = 7 sec, EWDW = 27 sec NSWK= 7 sec, NSDW= 29 sec Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Westbound  Langstaff Road	WLK 7 FDW 27 MIN 34 EXT 0 MAX1 34 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	20	12	12	0	Fixed	NB phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NBG is 10 seconds. If ongoing vehicle demand exists on the stopbar loop, the NBG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or 40 secs during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the EWG.
3. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 19 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Southbound  Edgeley Blvd.	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4.0 ALR 3.5 SPLIT	12	12	15	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During free plan, signal rests in EWWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand.
5. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		EWFD reverts to EWWWK if there is no side street demand at the end of the EWFD.
6. Eastbound  Langstaff Road	WLK 7 FDW 27 MIN 34 EXT 0 MAX1 34 MAX2 0 AMB 4.5 ALR 3 SPLIT	83	83	60	0	Fixed	
7. NOT USED 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Northbound  Edgeley Blvd.	WLK 7 FDW 29 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 4 ALR 3.5 SPLIT	57	57	60	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	140 80 27	140 93 27	120 108 27	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

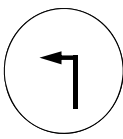
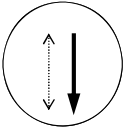
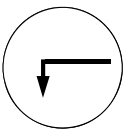
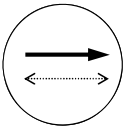
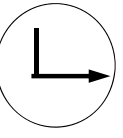
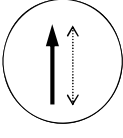
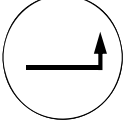
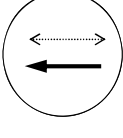
NEMA Phase (MTO)	Normal Time	Pre-Time	AM	PM	OFF	Free	Phase Mode (Fixed/Callable)	Remarks
			6:00-10:00 M-F	16:00-19:00 M-F	10:00-16:00, 19:00-22:00 M-F, 10:00-22:00 Sat & Sun	22:00-6:00 M-F 22:00-10:00		
			Pattern 1 Plan 1	Pattern 2 Plan 2	Pattern 3 Plan 3	Pattern 99 Plan 99		
1. E/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT							Pedestrian Minimums: EWWK = 7 sec., EWFD = 16 sec. NSWK = 7 sec., NSFD = 18 sec. Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Eastbound Langstaff Rd	WLK 7 FDW 16 MIN 20 EXT 4 MAX1 50 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	7 16 20 4 50 0 4.5 3.0	100	100	80	0	Veh Min Recall (Normal Time) Veh Max Recall (Pre-Time)	NB phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum NBG is served. If ongoing vehicle demand exists on the stopbar loop, the NBG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or MAX1 during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The NSWK & NSFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand. During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
3. N/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT							During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Southbound 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT							During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
5. E/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT							
6. Westbound Langstaff Rd	WLK 7 FDW 16 MIN 20 EXT 4 MAX1 50 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	7 16 20 4 50 0 4.5 3.0	100	100	80	0	Veh Min Recall (Normal Time) Veh Max Recall (Pre-Time)	
7. 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT							LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Northbound Hwy 400 NB Offramp	WLK 7 FDW 18 MIN 10 EXT 3 MAX1 30 MAX2 0 AMB 4.5 ALR 2.0 SPLIT	7 18 10 3 30 0 4.5 2.0	40	40	40	0	Callable by stopbar loop Extendable by stopbar loop.	
	CL OF VP		140 90 16	140 125 16	120 0 16	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION: Langstaff Road (YR 72) & Silmar Drive / Terecar Drive		MUNICIPALITY: Vaughan				Phase Mode (Fixed/Callable)	Remarks
CTCS: 454		COMPUTER SYSTEM: Centrac					
MODE/COMMENT: SA		CONTROLLER/CABINET TYPE: Econolite Cobalt / TS2T1					
PREPARED/CHECKED BY: M.L.		CONFLICT FLASH: Red & Red					
PREPARATION DATE: Oct. 19, 2018		DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)					
IMPLEMENTATION DATE: Oct. 19, 2018		CHANNEL/DROP:					
NEMA Phase (York)		AM 6:00-10:00 M-F	PM 16:00-19:00 M-F	OFF 10:00-16:00, 19:00-22:00 M-F; 10:00 - 22:00 Sat. & Sun.	Free 22:00-0600 M-F, 22:00-10:00 SAT&SUN		
	Local Plan	Pattern 1	Pattern 2	Pattern 3	Pattern 99		
	System Plan	Plan 1	Plan 2	Plan 3	Plan 99		
	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						Pedestrian Minimums EWWK= 7 sec, EWDW= 24 sec NSWK= 7 sec, NSDW= 28 sec Emergency vehicle pre-emption 3: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction.
2. Westbound 	Langstaff Road WLK 7 FDW 24 MIN 31 EXT 0 MAX1 31 MAX2 0 AMB 4.5 ALR 2.5 SPLIT					Fixed	EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is served. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or MAX 1 during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT						During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Southbound 	Terecar Drive WLK 7 FDW 28 MIN 10 EXT 6 MAX1 19 MAX2 0 AMB 4.0 ALR 3.5 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During free plan, signal rests in EWWK and does not cycle through EWFD unless there is side street vehicle or pedestrian demand. EWFD reverts to EWWK if there is no side street demand at the end of the EWFD.
5. W/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT					Callable/Extendable by Setback Loop	
6. Eastbound 	Langstaff Road WLK 7 FDW 24 MIN 31 EXT 0 MAX1 31 MAX2 0 AMB 4.5 ALR 2.5 SPLIT					Fixed	
7. S/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT					Callable/Extendable by Setback Loop	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera
8. Northbound 	Silmar Drive WLK 7 FDW 28 MIN 10 EXT 6 MAX1 19 MAX2 0 AMB 4 ALR 3.5 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	140 30 24	140 10 24	120 0 24	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION:	Weston Road (YR 56) & Langstaff Road	MUNICIPALITY:	Vaughan
CTCS:	201	COMPUTER SYSTEM:	Centrac
MODE/COMMENT:	SA	CONTROLLER/CABINET TYPE:	Econolite ASC3 / TS2T1
PREPARED/CHECKED BY:	M.L.	CONFLICT FLASH:	Red & Red
PREPARATION DATE:		DESIGN WALK SPEED:	1.0 m/s (FDW based on full crossing at 1.2 m/s)
IMPLEMENTATION DATE:	Sep. 24, 2018	CHANNEL/DROP:	

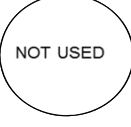
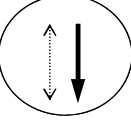
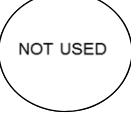
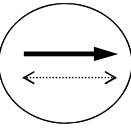
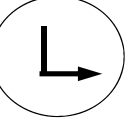
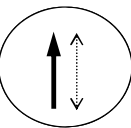
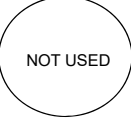
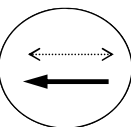
NEMA Phase (York)	Local Plan System Plan	AM	PM	Off	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	16:00-19:00 M-F	10:00- 16:00, 19:00-22:00 M-F.	22:00-6:00 M-F, 22:00-10:00 Sat & Sun Pattern 99		
		Plan 1	Plan 2	Plan 3	Plan 99		
1. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 20 MAX2 0 AMB 3 ALR 1 SPLIT					Permissive/Protected Callable/Extendable by Setback Loop	Pedestrian Minimums: NSWK= 7 sec, NSDW= 28 sec EWWK= 7 sec, EWDW= 28 sec Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound  Weston Road	WLK 7 FDW 28 MIN 35 EXT 0 MAX1 50 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Fixed	Emergency vehicle pre-emption 4 Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is served. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or MAX 1 during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. W/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 20 MAX2 0 AMB 3.0 ALR 1 SPLIT					Callable/Extendable by Setback Loop	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Eastbound  Langstaff Road	WLK 7 FDW 28 MIN 15 EXT 3 MAX1 52 MAX2 0 AMB 4.5 ALR 3.0 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand. NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
5. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 20 MAX2 0 AMB 3 ALR 1 SPLIT					Permissive/Protected Callable/Extendable by Setback Loop	
6. Northbound  Weston Road	WLK 7 FDW 28 MIN 35 EXT 0 MAX1 50 MAX2 0 AMB 4.5 ALR 3 SPLIT					Fixed	
7. E/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 20 MAX2 0 AMB 3 ALR 1 SPLIT					Callable/Extendable by Setback Loop	LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFD - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal RLC - Red Light Camera
8. Westbound  Langstaff Road	WLK 7 FDW 28 MIN 15 EXT 3 MAX1 52 MAX2 0 AMB 4.5 ALR 3 SPLIT					Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	140 0 28	140 70 28	120 0 28	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION:
CTCS:
MODE/COMMENT:
PREPARED/CHECKED BY:
PREPARATION DATE:
IMPLEMENTATION DATE:

Weston Road (YR 56) & Crestmount Blvd. / Greenpark Blv
573
SA
M.L.
Nov. 14, 2019

MUNICIPALITY: Vaughan
COMPUTER SYSTEM: Centracs
CONTROLLER/CABINET TYPE: Econolite ASC3 / TS2T1
CONFLICT FLASH: Red & Red
DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
CHANNEL/DROP:

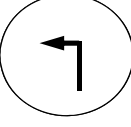
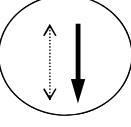
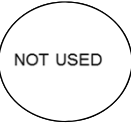
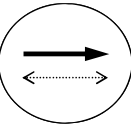
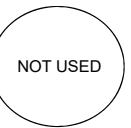
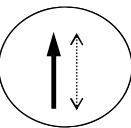
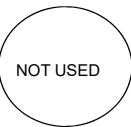
NEMA Phase (York)	Local Plan System Plan	AM	PM	Off	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	16:00-19:00 M-F	10:00-16:00, 19:00-22:00 M-F, 10:00-22:00 Sat & Sun	22:00-6:00 M-F, 22:00-10:00 Sat & Sun		
1. N/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		Pedestrian Minimums: EWWK = 7 sec., EWFD = 27 sec. NSWK = 7 sec., NSFD = 20 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound  Weston Road	WLK 7 FDW 20 MIN 27 EXT 0 MAX1 29 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	97	97	70	0	Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is served. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or MAX 1 during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
3. W/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT				0		During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
4. Eastbound  Greenpark Blvd	WLK 7 FDW 27 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT	43	43	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During free plan, signal rests in NSWK and does not cycle through NSFD unless there is side street vehicle or pedestrian demand. NSFD reverts to NSWK if there is no side street demand at the end of the NSFD.
5. S/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 10 MAX2 0 AMB 3 ALR 1 SPLIT	12	12	12	0	Callable/Extendable by Setback Loop	
6. Northbound  Weston Road	WLK 7 FDW 20 MIN 27 EXT 0 MAX1 29 MAX2 0 AMB 4.5 ALR 2.5 SPLIT	85	85	58	0	Fixed	
7. E/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFD - North/South Flashing Don't Walk EWFd - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound  Crestmount Blvd.	WLK 7 FDW 27 MIN 10 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4 SPLIT	43	43	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	140 20 20	140 10 20	120 0 20	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

LOCATION:
CTCS:
MODE/COMMENT:
PREPARED/CHECKED BY:
PREPARATION DATE:
IMPLEMENTATION DATE:

Weston Road (YR 56) & Astona Blvd.
260
SA
M.L.
Jan. 25, 2017
February 16, 2017

MUNICIPALITY: Vaughan
COMPUTER SYSTEM: Centracs
CONTROLLER/CABINET TYPE: Econolite ASC3 / TS2T1
CONFLICT FLASH: Red & Red
DESIGN WALK SPEED: 1.0 m/s (FDW based on full crossing at 1.2 m/s)
CHANNEL/DROP:

NEMA Phase (York)	Local Plan System Plan	AM	PM	Off	Free	Phase Mode (Fixed/Demanded/Callable)	Remarks
		6:00-10:00 M-F	15:30-19:30 M-F	10:00-15:30, 19:30-22:00 M-F, 10:00-22:00 Sat & Sun	22:00-6:00 M-F, 22:00-10:00 Sat & Sun		
1. N/B Left Turn Arrow 	WLK FDW MIN 7 EXT 3 MAX1 7 MAX2 0 AMB 3 ALR 1 SPLIT	12	12	12	0	Permissive/Protected Callable/Extendable by Setback Loop	Pedestrian Minimums: EWWK = 7 sec., EWFD = 24 sec. NSWK = 7 sec., NSFDF = 23 sec. Emergency vehicle pre-emption 3: Serve NSG/NSDW min 20 secs and up to 100 secs if there are continuous emergency calls in NS direction.
2. Southbound  Weston Road	WLK 7 FDW 23 MIN 30 EXT 0 MAX1 30 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	88	88	58	0	Fixed	Emergency vehicle pre-emption 4: Serve EWG/EWDW min 20 secs and up to 100 secs if there are continuous emergency calls in EW direction. EW phase is callable by vehicle or pedestrian actuation. If a vehicle call is received, the minimum EWG is served. If ongoing vehicle demand exists on the stopbar loop, the EWG is capable of providing vehicle extensions up to the maximum green split during coordinated operation or MAX 1 during Free operation. If a pedestrian call is received, the pedestrian minimum will be served. The EWWK & EWFD are only displayed on the pedestrian signal heads if a pedestrian call is received. Extension time is based on vehicle demand. Unused extension time is given to the NSG.
4. Eastbound  Astona Blvd.	WLK 7 FDW 24 MIN 15 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT	40	40	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	During coordinated operation, the signal constantly cycles through main street FDW to improve response time to side street vehicle and pedestrian demand.
5. S/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		During free plan, signal rests in NSWK and does not cycle through NSFDF unless there is side street vehicle or pedestrian demand. NSFDF reverts to NSWK if there is no side street demand at the end of the NSFDF.
6. Northbound  Weston Road	WLK 7 FDW 23 MIN 30 EXT 0 MAX1 30 MAX2 0 AMB 4.5 ALR 3.0 SPLIT	100	100	70	0	Fixed	
7. E/B Left Turn Arrow 	WLK FDW MIN EXT MAX1 MAX2 AMB ALR SPLIT	0	0	0	0		LEGEND: SA - Semi-Actuated signal WLK - Walk time FDW - Flashing Don't Walk time MIN - Minimum green time EXT - Extension time MAX1 - Maximum green time 1 MAX2 - Maximum green time 2 AMB - Amber ALR - All Red CL - Cycle Length OF - Offset VP - Vehicle Permissive NSWK - North/South Walk EWWK - East/West Walk NSG - North/South Green EWG - East/West Green NSFDF - North/South Flashing Don't Walk EWFDF - East/West Flashing Don't Walk TSP - Transit Priority APS - Audible Pedestrian Signal
8. Westbound  Astona Blvd.	WLK 7 FDW 24 MIN 15 EXT 3 MAX1 19 MAX2 0 AMB 3.5 ALR 4.0 SPLIT	40	40	50	0	Callable by stopbar loop and/or pushbutton; Extendable by stopbar loop.	
	CL OF VP	140 98 23	140 70 23	120 0 23	0 (FREE) 0 (FREE) 0 (FREE)		

NOTES:

Origin Location Id	Origin Roadway	Origin Cross Street	Destination Cross Street	Destination Direction	Distance (Kilometers)	Start Time	Travel Time	Speed	Sample Count	Standard Deviation
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 6:00	91	36	64	14.71
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 7:00	100	33	58	10.6
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 8:00	105	31	72	12.72
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 9:00	123	26	42	7.73
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 16:00	88	37	26	11.87
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 17:00	92	35	29	11.04
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 18:00	93	35	25	12.62
16TH-400NB	16th Ave	400NB offramp	Jane St	Eastbound	0.9	9/30/2019 19:00	84	39	37	15.91
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 6:00	91	36	47	14.49
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 7:00	99	33	75	11.6
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 8:00	93	35	75	14.54
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 9:00	105	32	54	13.52
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 16:00	116	28	59	9.36
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 17:00	127	26	34	10.08
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 18:00	106	30	42	11.86
16TH-JANE	16th Ave	Jane St	400NB offramp	Westbound	0.9	9/30/2019 19:00	96	34	30	12.75
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 6:00	101	48	15	14.58
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 7:00	109	43	31	10.27
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 8:00	133	38	25	9.95
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 9:00	110	43	25	12.02
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 16:00	155	30	55	5.73
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 17:00	189	26	71	7.03
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 18:00	125	38	59	9.3
Jane-Langstaff	Jane St	Langstaff Rd	Locke St_Comm. Ent	Northbound	1.3	9/30/2019 19:00	95	49	30	9
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 6:00	60	48	10	7.91
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 7:00	67	44	22	7.17
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 8:00	72	42	14	9.22
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 9:00	92	32	26	12.67
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 16:00	121	24	45	8.87
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 17:00	175	18	53	5.06
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 18:00	96	30	37	8.09
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	16th Ave	Northbound	0.8	9/30/2019 19:00	88	34	17	11.16
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 5:00	98	30	14	9
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 6:00	100	29	37	14.79
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 7:00	103	28	60	12.68
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 8:00	104	30	51	12.32
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 16:00	106	28	19	6.69
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 17:00	85	35	9	28.26
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 18:00	141	33	5	7.1
16TH-JANE	Jane St	16th Ave	Locke St_Comm. Ent	Southbound	0.8	9/30/2019 19:00	110	27	18	17.16
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 6:00	84	55	32	9.72
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 7:00	83	56	43	9.16
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 8:00	77	61	49	6.68
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 9:00	92	52	48	7.72
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 16:00	114	41	21	4.92
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 17:00	103	46	13	3.55
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 18:00	105	46	12	12.42
Jane-Locke_CommEnt	Jane St	Locke St_Comm. Ent	Langstaff Rd	Southbound	1.3	9/30/2019 19:00	84	56	20	9.49
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 6:00	174	42	15	3.09
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 7:00	230	32	17	2.45
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 8:00	257	28	27	5.55
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 9:00	265	28	25	5.16
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 16:00	175	42	18	11.6
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 17:00	172	42	9	4
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 18:00	180	42	10	8.18
Weston-Langstaff	Langstaff Rd	Weston Rd	Jane St	Eastbound	2	9/30/2019 19:00	164	46	10	5.56
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 6:00	148	49	3	9.61
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 7:00	219	34	4	3.06
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 8:00	237	31	9	3.4
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 9:00	321	25	9	5.49
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 16:00	340	21	11	3.6
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 17:00	423	17	8	2.78
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 18:00	246	29	10	11.16
Jane-Langstaff	Langstaff Rd	Jane St	Weston Rd	Westbound	2	9/30/2019 19:00	261	29	9	9.92
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 6:00	110	37	34	8.39
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 7:00	110	36	42	15.24
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 8:00	141	28	47	9.36
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 9:00	105	38	47	11.06
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 16:00	86	48	27	12.94
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 17:00	88	46	33	10.39
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 18:00	106	39	24	13.74
Weston-Rutherford	Rutherford Rd	Weston Rd	400NB offramp	Eastbound	1.1	9/30/2019 19:00	103	40	28	7.44
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 6:00	80	51	18	21.83
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 7:00	86	46	32	9.15
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 8:00	109	36	31	6.44
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 9:00	112	36	24	10.15
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 16:00	145	28	31	9.65
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 17:00	166	24	35	4.78
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 18:00	128	33	32	12.08
16TH-400NB	Rutherford Rd	400NB offramp	Weston Rd	Westbound	1.1	9/30/2019 19:00	107	37	27	8.47
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 6:00	37	59	17	10.31
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 7:00	50	44	44	15.02
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 8:00	59	38	42	15.59
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 9:00	44	49	30	16.42
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 16:00	103	23	54	8.52

Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 17:00	186	12	37	3.26
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 18:00	116	25	32	9.58
Weston-Astona	Weston Rd	Astona Blvd	Rutherford Rd	Northbound	0.6	9/30/2019 19:00	57	40	26	10.19
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 6:00	115	47	8	4.77
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 7:00	110	51	9	2.4
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 8:00	112	48	22	10.84
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 9:00	112	49	12	12.89
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 16:00	156	36	33	7.2
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 17:00	370	16	34	2.38
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 18:00	254	30	39	6.46
Weston-Langstaff	Weston Rd	Langstaff Rd	Astona Blvd	Northbound	1.5	9/30/2019 19:00	122	44	24	4.38
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 6:00	113	48	16	14.67
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 7:00	158	34	33	5.18
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 8:00	140	39	43	7.68
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 9:00	148	37	39	10.98
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 16:00	135	40	17	6.98
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 17:00	159	34	15	10.84
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 18:00	142	39	17	7.28
Weston-Astona	Weston Rd	Astona Blvd	Langstaff Rd	Southbound	1.5	9/30/2019 19:00	113	48	11	8.39
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 6:00	46	50	18	16.81
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 7:00	56	39	38	20.06
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 8:00	62	36	47	12.29
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 9:00	60	38	41	18.06
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 16:00	49	44	26	17.3
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 17:00	45	51	19	13.4
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 18:00	52	42	22	19.24
Weston-Rutherford	Weston Rd	Rutherford Rd	Astona Blvd	Southbound	0.6	9/30/2019 19:00	50	47	14	12.91

Hwy 400 North - NB

2018 AM Peak

Interchange	Length (km)	Average Travel Time (sec)	Average Travel Time (h:mm:ss)	Cumulative Travel Time (h:mm:ss)	Standard Deviation of Travel Time (sec)	Variance of Travel Time (sec ²)	Coefficient of Var. of Travel Time (%)	Average Speed (km/h)	Standard Deviation of Speed (km/h)	Variance of Speed (km ² /h ²)	Coefficient of Var. of Speed (%)	LOS	Ave HITS	Minimum Required Sample Size	Minimum Sample Size Satisfied?
Hwy. 407															
Hwy. 7	0.9	29.2	0:00:29	0:00:29	0.66	0.44	2.26%	111.0	2.52	6.37	2.27%	A/B/C	39910	1	Yes
Langstaff Road	2.03	67.4	0:01:07	0:01:37	1.98	3.92	2.94%	108.5	3.19	10.16	2.94%	A/B/C	52671	1	Yes
Bass Pro Mills Drive	1.29	42.1	0:00:42	0:02:19	0.4	0.16	0.95%	110.2	1.04	1.09	0.94%	A/B/C	59467	1	Yes
Rutherford Road	0.87	28.4	0:00:28	0:02:47	0.34	0.12	1.20%	110.4	1.35	1.82	1.22%	A/B/C	47022	1	Yes
Major MacKenzie Drive	2.12	69.9	0:01:10	0:03:57	0.44	0.19	0.63%	109.2	0.68	0.46	0.62%	A/B/C	43865	1	Yes
New Node	3.96	135.2	0:02:15	0:06:12	1	1	0.74%	105.5	0.78	0.61	0.74%	A/B/C	39982	1	Yes
New Node	2.05	71.3	0:01:11	0:07:23	1.54	2.37	2.16%	103.5	2.24	5	2.16%	A/B/C	38234	1	Yes
York Road 11	2.38	86.7	0:01:27	0:08:50	17.5	306.25	20.19%	98.8	19.95	398.07	20.19%	D	37053	16	Yes

Hwy 400 North - SB

Interchange	Length (km)	Average Travel Time (sec)	Average Travel Time (h:mm:ss)	Cumulative Travel Time (h:mm:ss)	Standard Deviation of Travel Time (sec)	Variance of Travel Time (sec ²)	Coefficient of Var. of Travel Time (%)	Average Speed (km/h)	Standard Deviation of Speed (km/h)	Variance of Speed (km ² /h ²)	Coefficient of Var. of Speed (%)	LOS	Ave HITS	Minimum Required Sample Size	Minimum Sample Size Satisfied?
York Road 11															
Major MacKenzie Drive	8.35	688.2	0:11:28	0:53:40	11.06	122.32	1.61%	43.7	0.7	0.49	1.60%	F	66180	1	Yes
New Node	1.18	73.4	0:01:13	0:54:54	3.16	9.99	4.31%	57.9	2.5	6.23	4.32%	F	102217	1	Yes
Rutherford Road	0.92	47.8	0:00:48	0:55:42	1.57	2.46	3.28%	69.3	2.27	5.17	3.28%	F	111301	1	Yes
New Node	0.39	21.6	0:00:22	0:56:03	1.62	2.62	7.49%	64.9	4.86	23.59	7.49%	F	113754	3	Yes
Bass Pro Mills Drive	0.46	20.3	0:00:20	0:56:23	0.57	0.32	2.81%	81.5	2.27	5.15	2.79%	F	124727	1	Yes
Langstaff Road	1.28	45.7	0:00:46	0:57:09	0.54	0.29	1.18%	100.9	1.19	1.41	1.18%	A/B/C	127935	1	Yes
Hwy. 7	2.04	69.7	0:01:10	0:58:19	0.55	0.3	0.79%	105.4	0.83	0.69	0.79%	A/B/C	108003	1	Yes
Hwy. 407	0.93	32.7	0:00:33	0:58:52	0.75	0.56	2.29%	102.3	2.34	5.47	2.29%	A/B/C	76903	1	Yes

Hwy 400 North - NB

2018 PM Peak

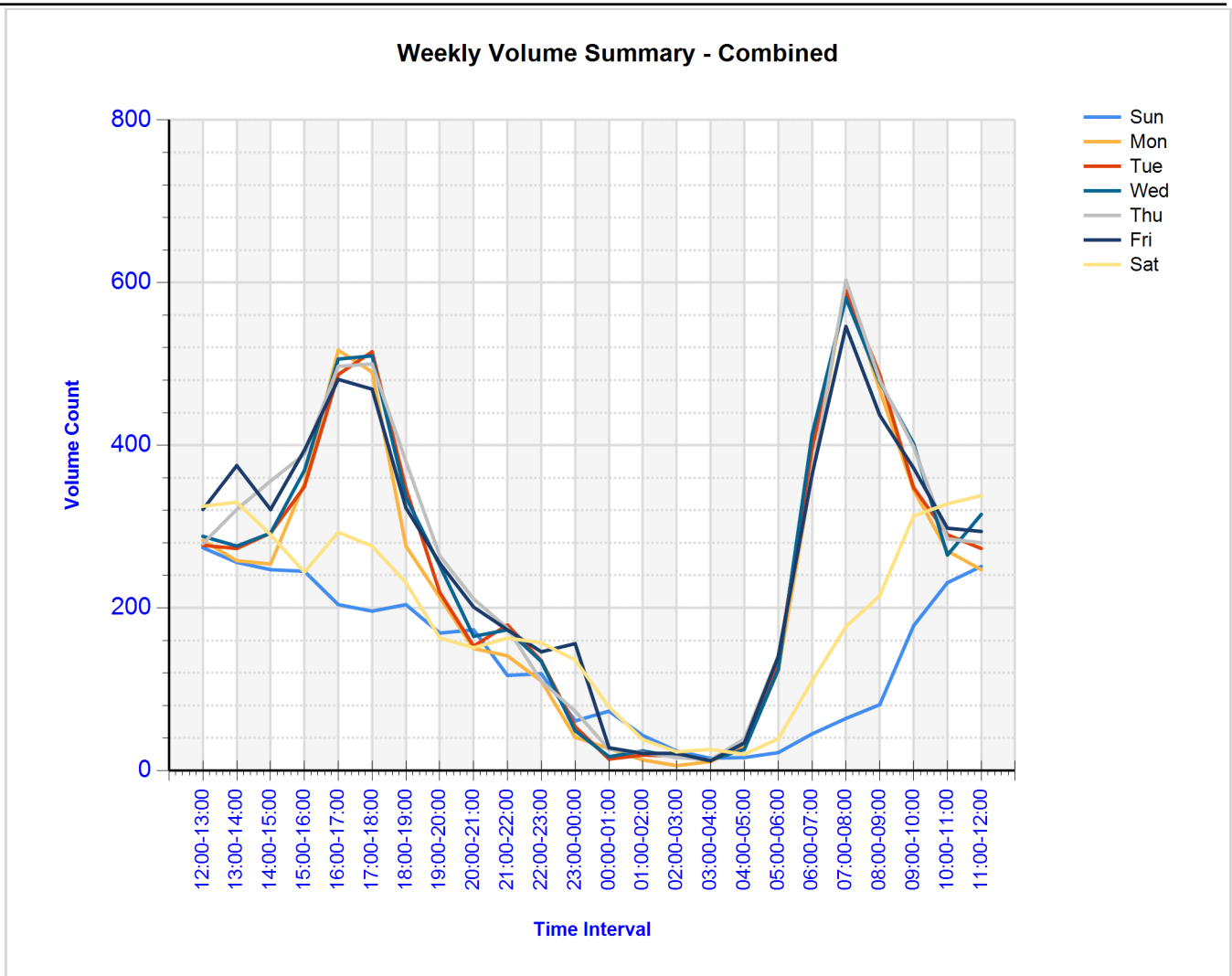
Interchange	Length (km)	Average Travel Time (sec)	Average Travel Time (h:mm:ss)	Cumulative Travel Time (h:mm:ss)	Standard Deviation of Travel Time (sec)	Variance of Travel Time (sec ²)	Coefficient of Var. of Travel Time (%)	Average Speed (km/h)	Standard Deviation of Speed (km/h)	Variance of Speed (km ² /h ²)	Coefficient of Var. of Speed (%)	LOS	Ave HITS	Minimum Required Sample Size	Minimum Sample Size Satisfied?
Hwy. 407															
Hwy. 7	0.9	91.1	0:01:31	0:01:31	7.71	59.44	8.46%	35.6	3.01	9.06	8.46%	F	43574	3	Yes
Langstaff Road	2.03	250.9	0:04:11	0:05:42	7.33	53.73	2.92%	29.1	0.85	0.72	2.92%	F	60665	1	Yes
Bass Pro Mills Drive	1.29	127.7	0:02:08	0:07:50	13.04	170.04	10.21%	36.4	3.71	13.8	10.20%	F	80107	4	Yes
Rutherford Road	0.87	95.6	0:01:36	0:09:25	6.95	48.3	7.27%	32.8	2.38	5.66	7.27%	F	64962	3	Yes
Major MacKenzie Drive	2.12	209.5	0:03:30	0:12:55	4.06	16.48	1.94%	36.4	0.71	0.5	1.95%	F	63731	1	Yes
New Node	3.96	218.1	0:03:38	0:16:33	2.49	6.2	1.14%	65.4	0.75	0.56	1.15%	F	60146	1	Yes
New Node	2.05	95.4	0:01:35	0:18:08	2.22	4.93	2.33%	77.4	1.8	3.25	2.33%	F	58760	1	Yes
York Road 11	2.38	102.3	0:01:42	0:19:51	6.04	36.48	5.90%	83.7	4.94	24.42	5.90%	E	57233	2	Yes

Hwy 400 North - SB

Interchange	Length (km)	Average Travel Time (sec)	Average Travel Time (h:mm:ss)	Cumulative Travel Time (h:mm:ss)	Standard Deviation of Travel Time (sec)	Variance of Travel Time (sec ²)	Coefficient of Var. of Travel Time (%)	Average Speed (km/h)	Standard Deviation of Speed (km/h)	Variance of Speed (km ² /h ²)	Coefficient of Var. of Speed (%)	LOS	Ave HITS	Minimum Required Sample Size	Minimum Sample Size Satisfied?
York Road 11															
Major MacKenzie Drive	8.35	286.2	0:04:46	0:45:09	2.7	7.29	0.94%	105.0	0.99	0.98	0.94%	A/B/C	44718	1	Yes
New Node	1.18	39.9	0:00:40	0:45:49	0.5	0.25	1.25%	106.5	1.33	1.78	1.25%	A/B/C	54834	1	Yes
Rutherford Road	0.92	29.9	0:00:30	0:46:19	0.64	0.41	2.14%	111.0	2.38	5.66	2.15%	A/B/C	56033	1	Yes
New Node	0.39	12.8	0:00:13	0:46:31	0.49	0.24	3.83%	109.8	4.2	17.68	3.83%	A/B/C	57084	1	Yes
Bass Pro Mills Drive	0.46	15.4	0:00:15	0:46:47	0.41	0.17	2.66%	107.3	2.86	8.2	2.67%	A/B/C	63944	1	Yes
Langstaff Road	1.28	42.1	0:00:42	0:47:29	1.7	2.89	4.03%	109.4	4.41	19.46	4.03%	A/B/C	71618	1	Yes
Hwy. 7	2.04	66.1	0:01:06	0:48:35	0.5	0.25	0.76%	111.2	0.84	0.71	0.76%	A/B/C	61141	1	Yes
Hwy. 407	0.93	30.5	0:00:30	0:49:05	1.59	2.53	5.22%	110.0	5.74	32.99	5.22%	A/B/C	40852	2	Yes

Hwy: 400 **Between: LANGSTAFF RD IC 30**
TS: 122 **and: BASS PRO MILLS DR IC 32**
Regn: CENTRAL **Pattern: CTR** **PDCS: 09**
LHRS: 46822 **Offset: 0** **Locn: LANGSTAFF RD IC 30**
Ramp: 43 **Lanes: 1** **Speed:** **Dates: 04-Jun-2017 to 11-Jun-2017**

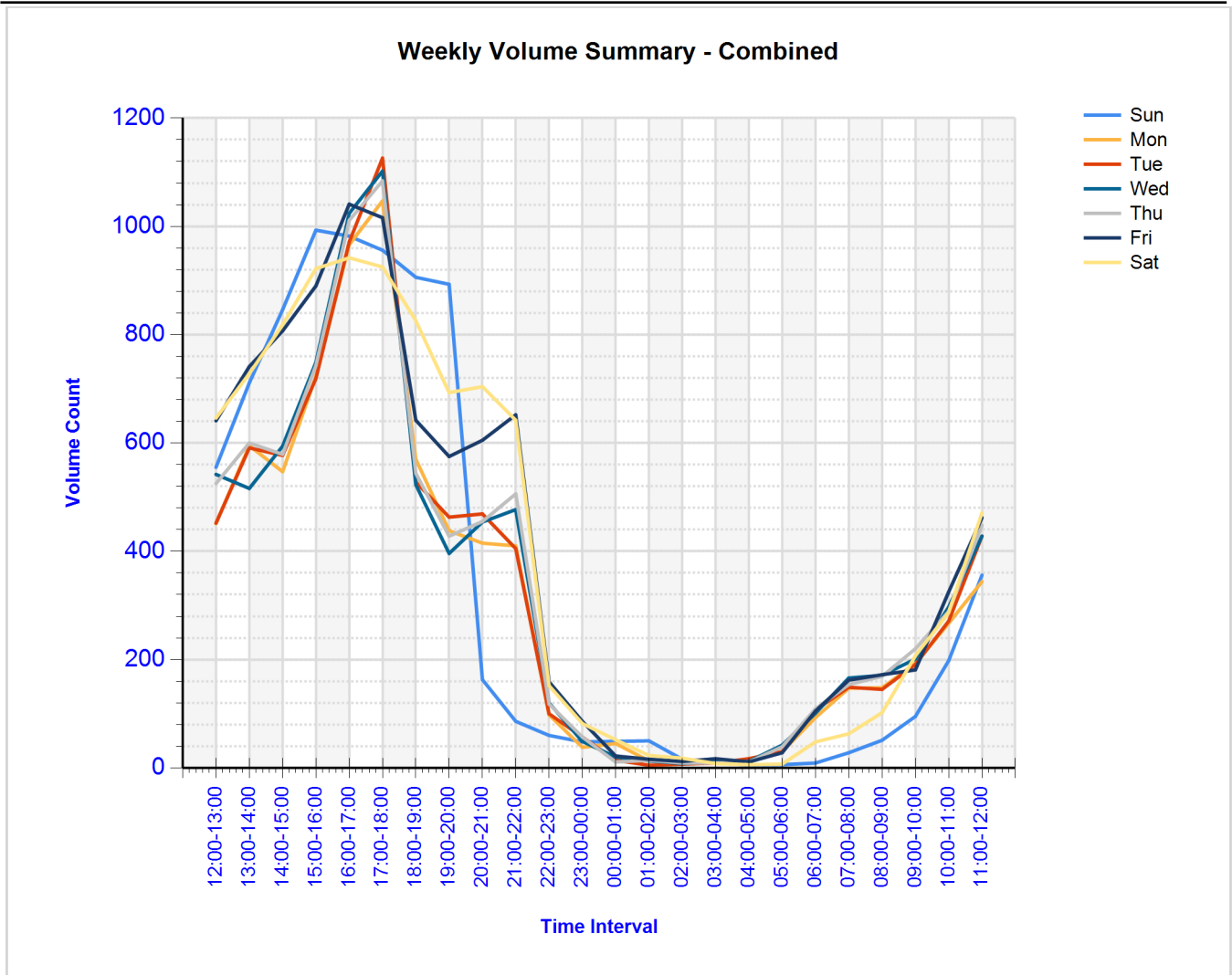
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		27	14	17	26	28	78	73
01:00-02:00		13	19	24	22	21	38	43
02:00-03:00		6	18	17	16	21	23	24
03:00-04:00		11	12	13	13	12	26	15
04:00-05:00		30	34	26	39	34	20	16
05:00-06:00		123	134	124	141	140	39	22
06:00-07:00		363	395	413	362	364	110	45
07:00-08:00		596	590	581	603	546	177	64
08:00-09:00		468	487	478	480	437	215	81
09:00-10:00		345	348	402	398	372	313	178
10:00-11:00		270	290	265	285	298	328	231
11:00-12:00		247	273	315	280	294	338	251
AM Total		2499	2614	2675	2665	2567	1705	1043
12:00-13:00	274	283	277	288	279	321	325	
13:00-14:00	256	258	273	276	321	375	330	
14:00-15:00	247	254	292	292	356	321	290	
15:00-16:00	245	353	349	369	389	394	244	
16:00-17:00	204	517	487	506	497	481	293	
17:00-18:00	196	490	515	510	500	469	276	
18:00-19:00	204	276	347	336	380	323	231	
19:00-20:00	169	213	219	252	264	255	163	
20:00-21:00	173	150	153	165	211	201	151	
21:00-22:00	117	141	179	173	175	173	163	
22:00-23:00	119	110	135	134	110	146	157	
23:00-00:00	61	41	54	49	73	156	136	
PM Total	2265	3086	3280	3350	3555	3615	2759	
24h. Total	2265	5585	5894	6025	6220	6182	4464	1043
Noon - Noon	4764	5700	5955	6015	6122	5320	3802	
ADT	5383	5948						
AWD								



Ramp Weekly Volume Summary

Hwy: 400 **Between: BASS PRO MILLS DR IC 32**
TS: 122 **and: BASS PRO MILLS DR IC 32**
Regn: CENTRAL **Pattern: CTR** **PDCS: 09**
LHRS: 46823 **Offset: 0** **Locn: BASS PRO MILLS DR IC 32**
Ramp: 63 **Lanes: 1** **Speed:** **Dates: 04-Jun-2017 to 11-Jun-2017**

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	06/04	06/05	06/06	06/07	06/08	06/09	06/10	06/11
00:00-01:00		45	14	20	11	22	52	49
01:00-02:00		13	5	13	14	16	23	50
02:00-03:00		12	7	8	9	12	18	16
03:00-04:00		13	9	11	9	17	8	11
04:00-05:00		14	17	12	11	11	6	5
05:00-06:00		30	30	42	39	28	7	6
06:00-07:00		93	107	101	109	105	48	9
07:00-08:00		147	149	166	154	162	63	28
08:00-09:00		148	145	171	169	172	102	51
09:00-10:00		193	191	201	220	181	207	95
10:00-11:00		267	271	297	289	325	287	198
11:00-12:00		344	428	428	448	462	471	356
AM Total		1319	1373	1470	1482	1513	1292	874
12:00-13:00	555	451	452	542	525	641	646	
13:00-14:00	711	595	591	516	600	741	728	
14:00-15:00	846	547	577	594	579	807	818	
15:00-16:00	993	723	719	749	743	890	922	
16:00-17:00	982	966	971	1024	1011	1041	942	
17:00-18:00	956	1047	1126	1102	1084	1016	925	
18:00-19:00	906	570	528	523	544	642	826	
19:00-20:00	893	438	463	396	428	575	693	
20:00-21:00	163	415	469	454	455	605	704	
21:00-22:00	86	410	405	477	506	652	642	
22:00-23:00	60	98	100	120	118	159	152	
23:00-00:00	48	38	57	49	57	86	82	
PM Total	7199	6298	6458	6546	6650	7855	8080	
24h. Total	7199	7617	7831	8016	8132	9368	9372	874
Noon - Noon	8518	7671	7928	8028	8163	9147	8954	
ADT	8344	7948						
AWD								





Weekly Volume Summary

Thu, Aug 22, 2013

Location: Hwy 400 - 0.80km N of Langstaff Rd

LHRS/Offset: 46822 / 0.80

Region: Central

Pattern Type: Commuter Recreation

PCS#: 37

Hwy. TVIS#: 400122

Count Direction: NB

Report Dates: Aug 12, 2013 to Aug 18, 2013

Hour Interval	Mon 13/08/12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Mon 19
0:00- 1:00		1,042	1,353	1,577	1,605	2,256	2,326	1,148
1:00- 2:00		635	670	735	807	1,351	1,396	563
2:00- 3:00		460	486	496	603	971	957	406
3:00- 4:00		332	377	400	449	697	703	331
4:00- 5:00		559	579	619	659	660	516	541
5:00- 6:00		1,701	1,568	1,738	1,766	1,179	704	1,800
6:00- 7:00		3,894	3,711	3,688	3,941	2,702	1,206	3,892
7:00- 8:00		4,067	4,147	4,401	4,454	4,287	2,048	4,242
8:00- 9:00		4,268	4,149	4,447	4,698	5,781	3,524	4,354
9:00-10:00		5,259	5,341	5,276	6,156	7,894	5,955	5,449
10:00-11:00		5,714	6,063	6,344	7,321	7,828	7,549	6,371
11:00-12:00		5,394	5,793	6,171	7,707	7,583	7,743	6,099
AM Total	0	33,325	34,237	35,892	40,166	43,189	34,627	35,196
12:00-13:00		5,764	5,792	6,316	7,997	7,743	7,383	5,946
13:00-14:00	1,420	1,525	1,599	1,700	1,718	1,943	1,761	
14:00-15:00	6,537	6,997	7,044	7,277	6,946	7,287	6,703	
15:00-16:00	8,649	8,774	8,431	8,073	6,672	7,040	6,049	
16:00-17:00	7,829	7,966	7,509	7,057	7,001	6,647	5,803	
17:00-18:00	8,189	8,209	7,212	7,305	7,549	6,141	5,128	
18:00-19:00	6,982	7,632	7,872	7,899	7,306	5,573	4,482	
19:00-20:00	5,404	5,722	5,830	6,420	7,028	4,595	4,333	
20:00-21:00	4,445	4,585	4,799	5,626	5,809	3,939	3,996	
21:00-22:00	3,557	4,026	4,268	4,771	5,249	3,914	3,963	
22:00-23:00	2,521	2,847	3,113	3,455	3,847	3,288	3,022	
23:00-24:00	1,769	2,098	2,509	2,465	3,000	2,927	2,065	
PM Total	57,302	66,145	65,978	68,364	70,122	61,037	54,688	5,946
24 Hr. Total	57,302	99,470	100,215	104,256	110,288	104,226	89,315	41,142
Noon - Noon	90,627	100,382	101,870	108,530	113,311	95,664	89,884	



Weekly Volume Summary

Thu, Aug 22, 2013

Location: Hwy 400 - 0.80km N of Langstaff Rd

LHRS/Offset: 46822 / 0.80

Region: Central

Pattern Type: Commuter Recreation

PCS#: 37

Hwy. TVIS#: 400122

Count Direction: SB

Report Dates: Aug 12, 2013 to Aug 18, 2013

Hour Interval	Mon 13/08/12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Mon 19
0:00- 1:00		612	605	721	784	1,402	1,852	951
1:00- 2:00		385	355	398	505	793	1,120	477
2:00- 3:00		332	301	346	323	500	603	361
3:00- 4:00		482	446	488	501	434	519	506
4:00- 5:00		1,123	1,195	1,177	1,119	636	513	1,261
5:00- 6:00		5,247	5,162	5,138	4,663	1,424	768	5,237
6:00- 7:00		9,782	9,451	8,845	8,014	2,832	1,355	9,322
7:00- 8:00		10,294	9,203	9,768	9,515	3,385	1,789	9,924
8:00- 9:00		8,763	9,350	8,964	8,085	4,401	2,678	9,229
9:00-10:00		7,036	6,843	6,803	6,301	5,218	4,512	7,206
10:00-11:00		5,895	5,857	5,793	5,934	5,858	5,846	5,217
11:00-12:00		5,676	5,726	5,743	5,820	6,517	6,934	4,632
AM Total	0	55,627	54,494	54,184	51,564	33,400	28,489	54,323
12:00-13:00		5,439	5,721	5,625	5,962	6,797	7,705	4,792
13:00-14:00	1,521	1,410	1,430	1,430	1,508	1,615	1,956	
14:00-15:00	6,183	5,747	5,891	5,994	6,338	6,680	7,764	
15:00-16:00	6,005	6,007	5,902	5,952	6,375	6,695	7,724	
16:00-17:00	6,111	6,298	6,148	7,517	6,379	6,781	7,672	
17:00-18:00	5,924	6,081	7,136	9,778	5,441	6,946	7,555	
18:00-19:00	5,161	5,579	7,371	18,668	4,539	6,661	7,590	
19:00-20:00	4,937	5,036	5,461	4,975	4,850	6,078	7,183	
20:00-21:00	4,538	4,464	5,321	4,979	5,221	6,023	6,986	
21:00-22:00	3,511	4,588	3,736	4,054	4,583	5,968	6,517	
22:00-23:00	2,552	2,601	2,992	3,108	3,731	5,151	6,180	
23:00-24:00	1,231	1,311	1,333	1,553	1,971	3,304	3,887	
PM Total	47,674	54,561	58,442	73,633	56,898	68,699	78,719	4,792
24 Hr. Total	47,674	110,188	112,936	127,817	108,462	102,099	107,208	59,115
Noon - Noon	103,301	109,055	112,626	125,197	90,298	97,188	133,042	



Weekly Volume Summary

Thu, Aug 22, 2013

Location: Hwy 400 - 0.80km N of Langstaff Rd

LHRS/Offset: 46822 / 0.80

Region: Central

Pattern Type: Commuter Recreation

PCS#: 37

Hwy. TVIS#: 400122

Count Direction: NB/SB

Report Dates: Aug 12, 2013 to Aug 18, 2013

Hour Interval	Mon 13/08/12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Mon 19
0:00- 1:00		1,654	1,958	2,298	2,389	3,658	4,178	2,099
1:00- 2:00		1,020	1,025	1,133	1,312	2,144	2,516	1,040
2:00- 3:00		792	787	842	926	1,471	1,560	767
3:00- 4:00		814	823	888	950	1,131	1,222	837
4:00- 5:00		1,682	1,774	1,796	1,778	1,296	1,029	1,802
5:00- 6:00		6,948	6,730	6,876	6,429	2,603	1,472	7,037
6:00- 7:00		13,676	13,162	12,533	11,955	5,534	2,561	13,214
7:00- 8:00		14,361	13,350	14,169	13,969	7,672	3,837	14,166
8:00- 9:00		13,031	13,499	13,411	12,783	10,182	6,202	13,583
9:00-10:00		12,295	12,184	12,079	12,457	13,112	10,467	12,655
10:00-11:00		11,609	11,920	12,137	13,255	13,686	13,395	11,588
11:00-12:00		11,070	11,519	11,914	13,527	14,100	14,677	10,731
AM Total	0	88,952	88,731	90,076	91,730	76,589	63,116	89,519
12:00-13:00		11,203	11,513	11,941	13,959	14,540	15,088	10,738
13:00-14:00	2,941	2,935	3,029	3,130	3,226	3,558	3,717	
14:00-15:00	12,720	12,744	12,935	13,271	13,284	13,967	14,467	
15:00-16:00	14,654	14,781	14,333	14,025	13,047	13,735	13,773	
16:00-17:00	13,940	14,264	13,657	14,574	13,380	13,428	13,475	
17:00-18:00	14,113	14,290	14,348	17,083	12,990	13,087	12,683	
18:00-19:00	12,143	13,211	15,243	26,567	11,845	12,234	12,072	
19:00-20:00	10,341	10,758	11,291	11,395	11,878	10,673	11,516	
20:00-21:00	8,983	9,049	10,120	10,605	11,030	9,962	10,982	
21:00-22:00	7,068	8,614	8,004	8,825	9,832	9,882	10,480	
22:00-23:00	5,073	5,448	6,105	6,563	7,578	8,439	9,202	
23:00-24:00	3,000	3,409	3,842	4,018	4,971	6,231	5,952	
PM Total	104,976	120,706	124,420	141,997	127,020	129,736	133,407	10,738
24 Hr. Total	104,976	209,658	213,151	232,073	218,750	206,325	196,523	100,257
Noon - Noon	193,928	209,437	214,496	233,727	203,609	192,852	222,926	
ADT	221,277	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
		225,456	190,328	182,619	228,393	211,838	161,779	19,223

SEVEN DAY HOURLY REPORT

VDS Station1:	400DN0050DNC						
HIGHWAY:	400	STREAM:	COLLECTORS	DIRECTION:	NORTH BOUND		
LHRS / OFFSET:	46820 / 1.3	GPS:	(43.803, -79.542)	CONFIDENCE LEVEL:	95%		
DESCRIPTION	SOUTH OF LANGSTAFF						

HOUR-ENDING	SUN	MON	TUE	WED	THU	FRI	SAT
	30-Oct-16	31-Oct-16	01-Nov-16	02-Nov-16	03-Nov-16	04-Nov-16	05-Nov-16
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	517	188	217	237	220	369	583
02:00	367	72	142	130	136	154	321
03:00	225	61	84	76	97	103	173
04:00	157	51	61	60	53	70	131
05:00	97	62	58	66	71	78	90
06:00	81	155	183	201	153	183	82
07:00	118	459	492	512	434	505	237
08:00	195	634	977	669	551	634	334
09:00	310	552	938	599	601	569	530
10:00	461	557	630	595	590	654	702
11:00	771	713	730	707	669	724	944
12:00	1119	828	842	919	876	967	1211
13:00	1300	1047	943	993	930	1115	1388
14:00	1332	1159	1029	1124	1082	1288	1501
15:00	1494	1300	1252	1365	1372	1455	1507
16:00	1452	1891	1695	1845	1835	1789	1531
17:00	1441	1911	1835	1681	1855	1706	1538
18:00	1264	1792	1897	1665	1789	1691	1456
19:00	1012	1563	1715	1713	1707	1642	1385
20:00	722	941	1435	1335	1347	1436	1140
21:00	654	690	1189	1071	1133	1132	766
22:00	502	649	942	782	946	1069	789
23:00	355	419	563	557	593	761	642
24:00	284	374	476	338	463	680	579

24 Hr Total	16,230	18,068	20,325	19,240	19,503	20,774	19,560
A.M. Total	4,418	4,332	5,354	4,771	4,451	5,010	5,338
P.M. Total	11,812	13,736	14,971	14,469	15,052	15,764	14,222
Noon-Noon		16,144	19,090	19,742	18,920	20,062	21,102
Highest Hour Starting	14:00	16:00	17:00	15:00	16:00	15:00	16:00
Highest Hour Volume	1,494	1,911	1,897	1,845	1,855	1,789	1,538
ADT =	19,100	AWD =		18,792			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

SEVEN DAY HOURLY REPORT

VDS Station1:	400DN0050DSC					
HIGHWAY:	400	STREAM:	COLLECTORS	DIRECTION:	SOUTH BOUND	
LHRS / OFFSET:	46820 / 1.3	GPS:	(43.803, -79.543)	CONFIDENCE LEVEL:	95%	
DESCRIPTION	S. OF LANGSTAFF					

HOUR-ENDING	SUN	MON	TUE	WED	THU	FRI	SAT
	30-Oct-16	31-Oct-16	01-Nov-16	02-Nov-16	03-Nov-16	04-Nov-16	05-Nov-16
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	548	209	237	216	189	223	369
02:00	336	104	137	150	148	143	251
03:00	185	61	113	101	95	97	154
04:00	137	110	136	130	136	137	113
05:00	108	279	315	284	304	298	145
06:00	132	1088	1093	1160	1011	1047	380
07:00	263	2426	2431	2452	2280	2336	846
08:00	446	2775	3076	2920	2837	2946	1142
09:00	663	2785	3110	2897	2861	2945	1542
10:00	1209	2410	2563	2627	2501	2364	1979
11:00	1645	1908	1859	2031	2104	2014	2060
12:00	1849	1829	1674	1899	2038	2068	2220
13:00	2051	1770	1810	1933	1957	2149	2249
14:00	1994	1756	1893	1980	1894	2049	2312
15:00	1965	1802	1803	1951	1997	2164	2114
16:00	2009	2117	1974	2102	2138	2176	2217
17:00	1993	2184	2070	2243	2239	2489	2065
18:00	1760	2053	2366	2342	2286	2307	2124
19:00	1385	1454	1974	1858	1966	2082	2017
20:00	1075	977	1499	1394	1510	1817	1449
21:00	744	886	1083	1083	1170	1377	1153
22:00	547	797	869	804	796	1106	974
23:00	453	522	521	545	575	750	677
24:00	303	395	383	394	481	665	572

24 Hr Total	23,800	32,697	34,989	35,496	35,513	37,749	31,124
A.M. Total	7,521	15,984	16,744	16,867	16,504	16,618	11,201
P.M. Total	16,279	16,713	18,245	18,629	19,009	21,131	19,923
Noon-Noon		32,263	33,457	35,112	35,133	35,627	32,332
Highest Hour Starting	12:00	08:00	08:00	07:00	08:00	07:00	13:00
Highest Hour Volume	2,051	2,785	3,110	2,920	2,861	2,946	2,312
ADT =	33,053	AWD =		34,318			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

SEVEN DAY HOURLY REPORT

VDS Station1:	400DN0060DSC					
HIGHWAY:	400	STREAM:	COLLECTORS	DIRECTION:	SOUTH BOUND	
LHRS / OFFSET:	46822 / 0.14	GPS:	(43.811, -79.544)	CONFIDENCE LEVEL:	95%	
DESCRIPTION	AT LANGSTAFF					

HOUR-ENDING	SUN	MON	TUE	WED	THU	FRI	SAT
	30-Oct-16	31-Oct-16	01-Nov-16	02-Nov-16	03-Nov-16	04-Nov-16	05-Nov-16
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	307	133	121	94	94	105	219
02:00	212	83	72	74	58	59	139
03:00	125	45	57	48	35	45	99
04:00	91	73	88	93	94	86	67
05:00	77	220	244	211	216	230	92
06:00	98	874	858	918	782	829	307
07:00	203	1816	1788	1803	1657	1728	690
08:00	337	1850	2247	1998	1916	1991	842
09:00	483	2002	2360	2097	2078	2139	1124
10:00	939	1814	1889	1892	1802	1678	1475
11:00	1318	1318	1250	1386	1449	1373	1542
12:00	1419	1236	989	1199	1329	1343	1645
13:00	1521	1193	1135	1175	1227	1349	1591
14:00	1468	1144	1140	1245	1166	1245	1655
15:00	1454	1106	1060	1134	1195	1237	1522
16:00	1485	1067	1039	1019	1170	1161	1550
17:00	1437	1017	893	1056	1061	1230	1469
18:00	1232	966	1149	1229	1137	1189	1534
19:00	1017	888	1130	1117	1166	1359	1523
20:00	790	647	1001	920	1021	1393	1116
21:00	518	633	721	667	748	953	894
22:00	392	560	527	523	522	798	740
23:00	325	335	314	321	360	491	449
24:00	209	205	192	194	239	382	346

24 Hr Total	17,457	21,225	22,264	22,413	22,522	24,393	22,630
A.M. Total	5,609	11,464	11,963	11,813	11,510	11,606	8,241
P.M. Total	11,848	9,761	10,301	10,600	11,012	12,787	14,389
Noon-Noon		23,312	21,724	22,114	22,110	22,618	21,028
Highest Hour Starting	12:00	08:00	08:00	08:00	08:00	08:00	13:00
Highest Hour Volume	1,521	2,002	2,360	2,097	2,078	2,139	1,655
ADT =	21,843	AWD =		22,376			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

SEVEN DAY HOURLY REPORT

VDS Station1:	400DN0080DER					
HIGHWAY:	400	STREAM:	OTHER	DIRECTION:	OTHER	
LHRS / OFFSET:	46822 / 0	GPS:	(43.803, -79.542)	CONFIDENCE LEVEL:	95%	
DESCRIPTION	400NB - LANGSTAFF					

HOUR-ENDING	SUN	MON	TUE	WED	THU	FRI	SAT
	30-Oct-16	31-Oct-16	01-Nov-16	02-Nov-16	03-Nov-16	04-Nov-16	05-Nov-16
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	150	67	68	74	70	65	130
02:00	103	32	44	32	40	36	74
03:00	72	33	41	34	44	43	53
04:00	63	36	38	41	48	47	53
05:00	42	100	104	104	99	110	55
06:00	40	406	380	390	361	354	91
07:00	104	985	487	996	903	1012	319
08:00	103	931	301	900	850	929	324
09:00	131	810	1115	930	827	861	333
10:00	236	746	727	814	896	779	406
11:00	307	524	637	643	651	655	510
12:00	353	542	630	645	653	655	484
13:00	433	570	652	659	607	673	456
14:00	401	615	677	664	713	716	491
15:00	376	655	766	775	810	768	479
16:00	359	812	811	921	809	1019	442
17:00	334	1155	963	1047	1047	1142	426
18:00	322	1084	1105	1033	1162	1066	432
19:00	302	784	688	953	709	897	397
20:00	212	291	408	409	362	431	263
21:00	187	214	313	315	312	297	216
22:00	138	194	254	241	275	249	168
23:00	179	170	214	200	229	223	190
24:00	94	150	167	133	157	192	166

24 Hr Total	5,041	11,906	11,590	12,953	12,634	13,219	6,958
A.M. Total	1,704	5,212	4,572	5,603	5,442	5,546	2,832
P.M. Total	3,337	6,694	7,018	7,350	7,192	7,673	4,126
Noon-Noon		8,549	11,266	12,621	12,792	12,738	10,505
Highest Hour Starting	12:00	16:00	08:00	16:00	17:00	16:00	10:00
Highest Hour Volume	433	1,155	1,115	1,047	1,162	1,142	510
ADT =	10,614	AWD =		11,593			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

SEVEN DAY HOURLY REPORT

VDS Station1:	400DN0090DSR					
HIGHWAY:	400	STREAM:	OTHER	DIRECTION:	OTHER	
LHRS / OFFSET:	46822 / 0	GPS:	(43.808, -79.544)	CONFIDENCE LEVEL:	95%	
DESCRIPTION	LANGSTAFF E.- 400 S.					

HOUR-ENDING	SUN	MON	TUE	WED	THU	FRI	SAT
	30-Oct-16	31-Oct-16	01-Nov-16	02-Nov-16	03-Nov-16	04-Nov-16	05-Nov-16
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	67	38	23	33	26	17	65
02:00	60	9	18	15	27	21	30
03:00	31	5	7	16	13	9	25
04:00	31	15	12	9	12	18	20
05:00	17	30	35	31	27	34	22
06:00	19	111	105	120	111	108	41
07:00	35	353	379	375	321	350	86
08:00	53	595	551	570	552	593	154
09:00	105	453	433	444	443	454	248
10:00	163	298	331	350	326	324	270
11:00	195	266	277	288	283	288	280
12:00	238	235	314	302	307	303	310
13:00	303	239	314	300	298	346	374
14:00	299	249	336	326	319	344	369
15:00	271	238	300	311	308	351	310
16:00	280	354	351	396	354	377	316
17:00	291	425	440	461	468	511	309
18:00	319	456	540	477	522	472	317
19:00	215	211	365	308	352	337	304
20:00	173	137	262	239	231	278	175
21:00	128	124	201	221	224	230	135
22:00	95	126	171	141	140	145	129
23:00	83	95	108	106	96	127	140
24:00	45	50	55	47	62	100	134

24 Hr Total	3,516	5,112	5,928	5,886	5,822	6,137	4,563
A.M. Total	1,014	2,408	2,485	2,553	2,448	2,519	1,551
P.M. Total	2,502	2,704	3,443	3,333	3,374	3,618	3,012
Noon-Noon		4,910	5,189	5,996	5,781	5,893	5,169
Highest Hour Starting	17:00	07:00	07:00	07:00	07:00	07:00	12:00
Highest Hour Volume	319	595	551	570	552	593	374
ADT =	5,281	AWD =		5,554			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

SEVEN DAY HOURLY REPORT

VDS Station1:	400DN0100DSR					
HIGHWAY:	400	STREAM:	OTHER	DIRECTION:	OTHER	
LHRS / OFFSET:	46822 / 0	GPS:	(43.810, -79.545)	CONFIDENCE LEVEL:	95%	
DESCRIPTION	LANGSTAFF W - 400 S.					

HOUR-ENDING	SUN	MON	TUE	WED	THU	FRI	SAT
	30-Oct-16	31-Oct-16	01-Nov-16	02-Nov-16	03-Nov-16	04-Nov-16	05-Nov-16
	Loops	Loops	Loops	Loops	Loops	Loops	Loops
01:00	130	27	76	78	66	91	72
02:00	48	11	48	52	50	49	60
03:00	14	12	40	30	35	37	28
04:00	16	16	25	28	20	24	22
05:00	8	18	25	28	30	22	19
06:00	7	53	57	65	50	63	12
07:00	16	120	138	153	128	129	33
08:00	30	185	145	209	213	213	85
09:00	40	192	189	215	206	193	87
10:00	46	195	239	221	215	236	112
11:00	37	232	219	225	235	245	124
12:00	73	230	278	292	295	289	152
13:00	78	282	256	328	292	318	192
14:00	109	283	321	269	324	376	178
15:00	95	339	350	373	383	413	170
16:00	140	545	529	564	536	542	218
17:00	155	604	626	596	592	593	175
18:00	81	511	536	485	473	508	137
19:00	75	278	361	330	349	250	97
20:00	60	144	175	161	186	191	95
21:00	65	79	105	119	137	127	85
22:00	30	76	138	98	90	119	75
23:00	25	67	74	74	104	98	53
24:00	28	120	117	119	159	154	61

24 Hr Total	1,406	4,619	5,067	5,112	5,168	5,280	2,342
A.M. Total	465	1,291	1,479	1,596	1,543	1,591	806
P.M. Total	941	3,328	3,588	3,516	3,625	3,689	1,536
Noon-Noon		2,232	4,807	5,184	5,059	5,216	4,495
Highest Hour Starting	16:00	16:00	16:00	16:00	16:00	16:00	15:00
Highest Hour Volume	155	604	626	596	592	593	218
ADT =	4,142	AWD =		4,500			

ADT (Average Daily Traffic)-The average daily volume of the days being displayed

AWD (Average Weekday Traffic) - The average weekday traffic based on data taken from Monday @noon to Friday @noon.

Hwy: 400 **Between: RUTHERFORD RD IC-33**
TS: 125 **and: 400-MAJOR MACKENZIE DR IC-35**
Regn: CENTRAL **Pattern: IC** **PDCS: 30** **Factor: 0.95**
LHRS: 46824 **Offset: 1.210** **Locn: 1.210 KM N OF RUTHERFORD RD IC-33**
Dir: N **Lanes: 5** **Speed: 100 km/h** **Dates: 17-Apr-2016 to 24-Apr-2016**

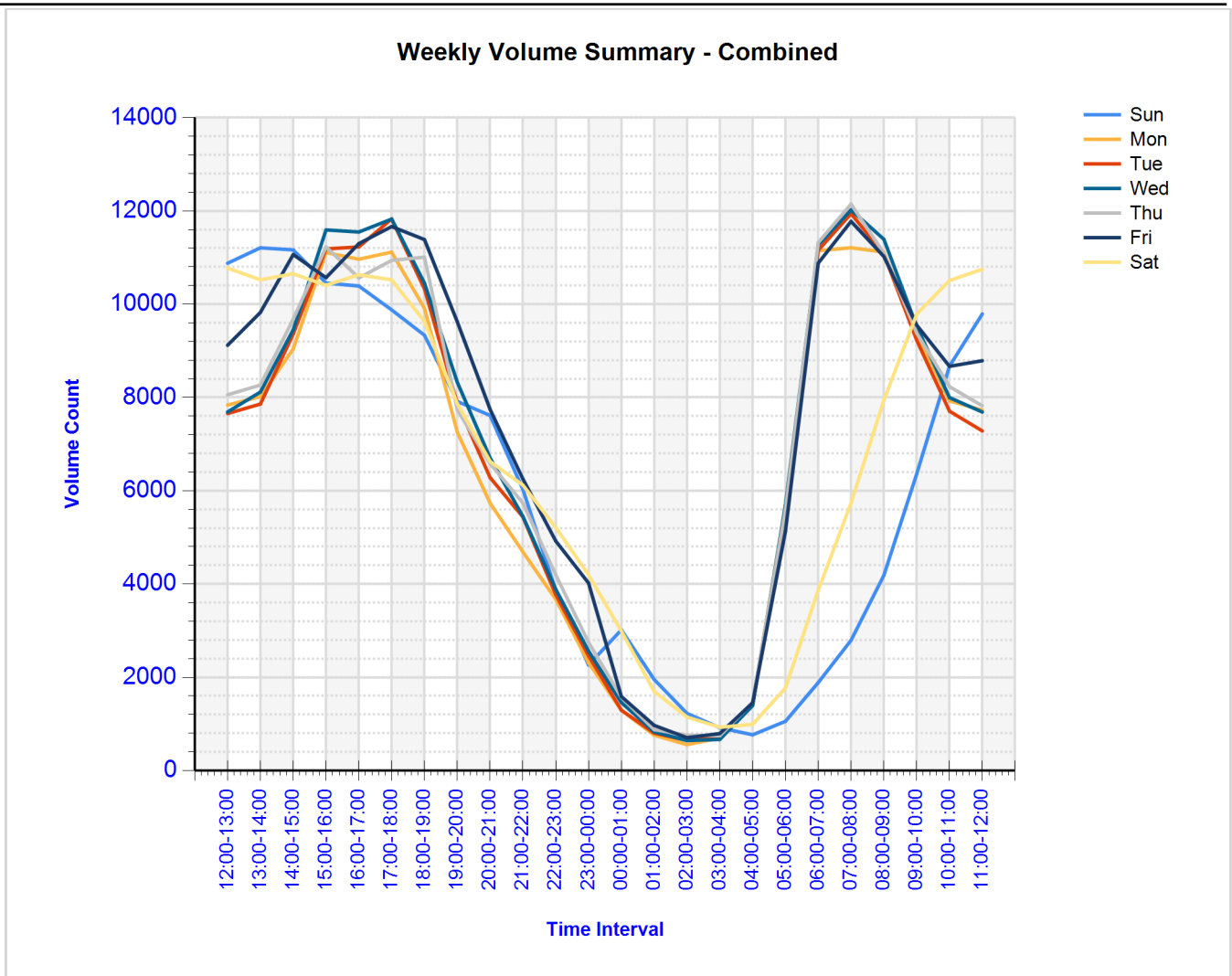
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	04/17	04/18	04/19	04/20	04/21	04/22	04/23	04/24
00:00-01:00		792	917	1040	1164	1088	2009	1929
01:00-02:00		471	521	565	595	677	1118	1213
02:00-03:00		285	382	400	426	426	729	776
03:00-04:00		280	320	282	322	371	548	526
04:00-05:00		308	345	361	361	403	447	369
05:00-06:00		1105	1078	1134	1135	1132	655	396
06:00-07:00		2958	2931	3046	3038	2940	1543	710
07:00-08:00		3500	3757	3827	3823	3822	2644	1277
08:00-09:00		3242	3391	3500	3221	3472	3524	1918
09:00-10:00		3200	2975	3183	3104	3382	4217	2665
10:00-11:00		3212	3047	3150	3199	3765	4792	3673
11:00-12:00		3390	3116	3457	3410	4097	4997	4154
AM Total		22743	22780	23945	23798	25575	27223	19606
12:00-13:00	4567	3822	3737	3741	4001	4676	5273	
13:00-14:00	4901	4240	4201	4214	4399	5366	5228	
14:00-15:00	5020	5336	5504	5498	5595	6530	5640	
15:00-16:00	5086	7182	7324	7396	6954	5898	5607	
16:00-17:00	5239	7044	7341	7356	6360	6596	5644	
17:00-18:00	4840	7167	7631	7422	6677	7052	5620	
18:00-19:00	4679	6593	6699	6766	7353	6532	5100	
19:00-20:00	3904	4380	4970	5200	4925	5604	4172	
20:00-21:00	3744	3603	4095	4232	4231	4840	3668	
21:00-22:00	2991	2987	3562	3486	3685	3964	3426	
22:00-23:00	2050	2295	2384	2434	2605	3159	2932	
23:00-00:00	1347	1553	1686	1730	1892	2781	2548	
PM Total	48368	56202	59134	59475	58677	62998	54858	
24h. Total	48368	78945	81914	83420	82475	88573	82081	19606
Noon - Noon	71111	78982	83079	83273	84252	90221	74464	

Hwy: 400 **Between:** RUTHERFORD RD IC-33
TS: 125 **and:** 400-MAJOR MACKENZIE DR IC-35
Regn: CENTRAL **Pattern:** IC **PDCS:** 30 **Factor:** 0.95
LHRS: 46824 **Offset:** 1.210 **Locn:** 1.210 KM N OF RUTHERFORD RD IC-33
Dir: S **Lanes:** 4 **Speed:** 100 km/h **Dates:** 17-Apr-2016 to 24-Apr-2016

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	04/17	04/18	04/19	04/20	04/21	04/22	04/23	04/24
00:00-01:00		501	377	418	405	499	982	1087
01:00-02:00		287	281	266	282	292	579	740
02:00-03:00		270	265	243	332	278	418	449
03:00-04:00		415	395	385	424	422	379	390
04:00-05:00		1094	1066	1031	1102	1049	543	397
05:00-06:00		4587	4509	4551	4457	3999	1114	659
06:00-07:00		8189	8228	8227	8283	7941	2323	1176
07:00-08:00		7711	8184	8196	8322	7954	3093	1516
08:00-09:00		7875	7686	7892	7871	7551	4416	2268
09:00-10:00		6182	6253	6341	6277	6170	5569	3696
10:00-11:00		4715	4659	4847	5033	4903	5716	4999
11:00-12:00		4339	4166	4231	4411	4691	5752	5637
AM Total		46165	46069	46628	47199	45749	30884	23014
12:00-13:00	6311	4015	3918	3948	4057	4443	5502	
13:00-14:00	6308	3778	3658	3903	3867	4458	5295	
14:00-15:00	6145	3705	3857	3953	4085	4534	5013	
15:00-16:00	5368	3926	3862	4197	4274	4671	4800	
16:00-17:00	5151	3921	3887	4192	4204	4703	4987	
17:00-18:00	5038	3950	4198	4403	4263	4613	4903	
18:00-19:00	4655	3320	3629	3686	3656	4854	4531	
19:00-20:00	4011	2877	2904	3126	2815	4019	3696	
20:00-21:00	3871	2131	2187	2471	2350	2905	2960	
21:00-22:00	3038	1701	1875	1961	2052	2288	2694	
22:00-23:00	1813	1377	1387	1453	1591	1763	2282	
23:00-00:00	916	759	774	832	854	1239	1648	
PM Total	52625	35460	36136	38125	38068	44490	48311	
24h. Total	52625	81625	82205	84753	85267	90239	79195	23014
Noon - Noon	98790	81529	82764	85324	83817	75374	71325	

Hwy: 400 **Between: RUTHERFORD RD IC-33**
TS: 125 **and: 400-MAJOR MACKENZIE DR IC-35**
Regn: CENTRAL **Pattern: IC** **PDCS: 30** **Factor: 0.95**
LHRS: 46824 **Offset: 1.210** **Locn: 1.210 KM N OF RUTHERFORD RD IC-33**
Dir: COMBINED **Lanes: 9** **Speed: 100 km/h** **Dates: 17-Apr-2016 to 24-Apr-2016**

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
H. Interval	04/17	04/18	04/19	04/20	04/21	04/22	04/23	04/24
00:00-01:00		1293	1294	1458	1569	1587	2991	3016
01:00-02:00		758	802	831	877	969	1697	1953
02:00-03:00		555	647	643	758	704	1147	1225
03:00-04:00		695	715	667	746	793	927	916
04:00-05:00		1402	1411	1392	1463	1452	990	766
05:00-06:00		5692	5587	5685	5592	5131	1769	1055
06:00-07:00		11147	11159	11273	11321	10881	3866	1886
07:00-08:00		11211	11941	12023	12145	11776	5737	2793
08:00-09:00		11117	11077	11392	11092	11023	7940	4186
09:00-10:00		9382	9228	9524	9381	9552	9786	6361
10:00-11:00		7927	7706	7997	8232	8668	10508	8672
11:00-12:00		7729	7282	7688	7821	8788	10749	9791
AM Total		68908	68849	70573	70997	71324	58107	42620
12:00-13:00	10878	7837	7655	7689	8058	9119	10775	
13:00-14:00	11209	8018	7859	8117	8266	9824	10523	
14:00-15:00	11165	9041	9361	9451	9680	11064	10653	
15:00-16:00	10454	11108	11186	11593	11228	10569	10407	
16:00-17:00	10390	10965	11228	11548	10564	11299	10631	
17:00-18:00	9878	11117	11829	11825	10940	11665	10523	
18:00-19:00	9334	9913	10328	10452	11009	11386	9631	
19:00-20:00	7915	7257	7874	8326	7740	9623	7868	
20:00-21:00	7615	5734	6282	6703	6581	7745	6628	
21:00-22:00	6029	4688	5437	5447	5737	6252	6120	
22:00-23:00	3863	3672	3771	3887	4196	4922	5214	
23:00-00:00	2263	2312	2460	2562	2746	4020	4196	
PM Total	100993	91662	95270	97600	96745	107488	103169	
24h. Total	100993	160570	164119	168173	167742	178812	161276	42620
Noon - Noon	169901	160511	165843	168597	168069	165595	145789	
ADT	AWD	AADT	SADT	SAWDT	WADT	DHV		
163472	165755	155300	181500	179800	145500	16600		





Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 24 - Hwy 400 NB to Rutherford Rd

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824024

Count Direction: N/A/N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		637	679	260	295	313	302	353
1:00- 2:00		358	401	107	121	165	149	189
2:00- 3:00		232	307	68	86	102	109	119
3:00- 4:00		147	186	54	57	70	45	68
4:00- 5:00		83	115	87	77	77	81	84
5:00- 6:00		134	62	215	262	258	263	260
6:00- 7:00		231	109	698	687	706	687	655
7:00- 8:00		419	223	858	920	873	869	841
8:00- 9:00		804	492	969	952	938	937	923
9:00-10:00		1,170	1,242	1,217	981	1,014	963	1,247
10:00-11:00		1,406	1,465	1,347	1,028	1,114	1,034	1,266
11:00-12:00		1,356	1,468	1,126	1,008	1,087	1,049	1,175
AM Total	0	6,977	6,749	7,006	6,474	6,717	6,488	7,180
12:00-13:00	1,298	1,467	1,450	1,057	1,007	1,052	1,069	
13:00-14:00	1,250	1,448	1,394	968	1,036	1,042	1,119	
14:00-15:00	1,611	1,467	1,371	1,303	1,235	1,183	1,231	
15:00-16:00	1,286	1,486	1,316	1,441	1,413	1,126	1,235	
16:00-17:00	1,289	1,468	1,369	1,397	1,257	1,169	1,152	
17:00-18:00	1,328	1,428	1,279	1,566	1,284	1,322	1,267	
18:00-19:00	1,358	1,273	1,187	1,515	1,633	1,540	1,539	
19:00-20:00	1,605	1,064	1,019	1,082	1,276	1,299	1,268	
20:00-21:00	1,235	874	902	962	1,047	1,026	1,116	
21:00-22:00	1,035	875	811	815	664	905	1,034	
22:00-23:00	826	864	681	600	461	751	723	
23:00-24:00	732	712	445	467	505	461	564	
PM Total	14,853	14,426	13,224	13,173	12,818	12,876	13,317	0
24 Hr. Total	14,853	21,403	19,973	20,179	19,292	19,593	19,805	7,180
Noon - Noon	21,830	21,175	20,230	19,647	19,535	19,364	20,497	
	ADT	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
	20,325	19,761						



Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 34 - Hwy 400 SB to Rutherford Rd

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824034

Count Direction: N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		122	164	90	71	64	88	111
1:00- 2:00		82	102	27	37	31	42	55
2:00- 3:00		68	68	31	32	36	40	55
3:00- 4:00		42	31	25	46	26	27	34
4:00- 5:00		39	44	75	69	86	82	78
5:00- 6:00		83	39	267	255	273	274	271
6:00- 7:00		163	86	749	728	746	813	718
7:00- 8:00		229	97	648	638	623	671	798
8:00- 9:00		311	162	728	627	610	658	881
9:00-10:00		597	335	825	862	841	847	889
10:00-11:00		756	554	806	776	794	834	772
11:00-12:00		711	702	640	743	739	789	735
AM Total	0	3,203	2,384	4,911	4,884	4,869	5,165	5,397
12:00-13:00	732	777	767	743	714	734	758	
13:00-14:00	728	686	729	666	629	664	688	
14:00-15:00	674	685	679	696	678	641	646	
15:00-16:00	638	595	660	661	544	609	585	
16:00-17:00	592	586	605	577	562	633	608	
17:00-18:00	611	608	512	521	572	572	592	
18:00-19:00	547	560	508	490	538	574	560	
19:00-20:00	570	506	376	424	510	476	485	
20:00-21:00	438	393	291	358	385	373	407	
21:00-22:00	310	331	294	246	300	293	315	
22:00-23:00	252	301	219	176	196	184	242	
23:00-24:00	213	269	199	180	178	127	170	
PM Total	6,305	6,297	5,839	5,738	5,806	5,880	6,056	0
24 Hr. Total	6,305	9,500	8,223	10,649	10,690	10,749	11,221	5,397
Noon - Noon	9,508	8,681	10,750	10,622	10,675	11,045	11,453	
ADT	10,391	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
		10,949						



Weekly Volume Summary

Wed, Dec 11, 2013

Location: Hwy 400 & Rutherford Rd - Ramp 52 - Rutherford Rd EB to Hwy 400 NB

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

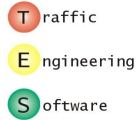
PCS#: n/a

Hwy. TVIS#: 46824052

Count Direction: N/A

Report Dates: Nov 26, 2013 to Dec 2, 2013

Hour Interval	Tue 13/11/26	Wed 27	Thu 28	Fri 29	Sat 30	Sun 1	Mon 2	Tue 3
0:00- 1:00		20	21	31	58	73	16	21
1:00- 2:00		12	20	17	28	52	12	12
2:00- 3:00		4	7	10	24	24	4	1
3:00- 4:00		10	10	3	18	14	7	10
4:00- 5:00		13	10	11	6	13	8	7
5:00- 6:00		30	32	32	22	7	29	40
6:00- 7:00		103	94	91	43	19	93	88
7:00- 8:00		184	169	179	63	22	217	175
8:00- 9:00		180	171	168	129	59	179	188
9:00-10:00		143	156	130	129	96	149	158
10:00-11:00		82	89	121	182	119	89	126
11:00-12:00		98	123	142	154	130	105	126
AM Total	0	879	902	935	856	628	908	952
12:00-13:00	130	117	153	153	183	144	108	
13:00-14:00	144	135	142	171	202	160	151	
14:00-15:00	175	154	188	213	181	151	154	
15:00-16:00	237	222	217	231	174	161	231	
16:00-17:00	209	232	246	215	193	175	231	
17:00-18:00	238	159	204	200	217	165	213	
18:00-19:00	219	219	197	169	182	133	152	
19:00-20:00	127	161	158	170	152	139	167	
20:00-21:00	150	136	155	156	104	118	121	
21:00-22:00	104	128	145	133	104	104	112	
22:00-23:00	74	84	94	128	133	69	62	
23:00-24:00	29	45	61	97	102	31	53	
PM Total	1,836	1,792	1,960	2,036	1,927	1,550	1,755	0
24 Hr. Total	1,836	2,671	2,862	2,971	2,783	2,178	2,663	952
Noon - Noon	2,715	2,694	2,895	2,892	2,555	2,458	2,707	
	ADT 2,702	AWD 2,753	AADT	AAWD	SADT	SAWDT	WADT	DHV



Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 53 - Rutherford Rd EB to Hwy 400 SB

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824053

Count Direction: N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		146	222	58	52	57	107	73
1:00- 2:00		96	120	22	19	23	34	43
2:00- 3:00		52	80	19	15	18	22	40
3:00- 4:00		34	48	26	21	23	21	27
4:00- 5:00		59	45	71	77	85	97	99
5:00- 6:00		130	59	457	422	454	448	420
6:00- 7:00		300	145	857	926	867	887	879
7:00- 8:00		416	205	1,134	1,185	1,158	1,194	1,132
8:00- 9:00		564	324	1,059	1,085	1,055	1,065	1,002
9:00-10:00		696	548	702	809	715	745	712
10:00-11:00		630	645	472	572	533	530	550
11:00-12:00		605	627	465	471	447	449	520
AM Total	0	3,728	3,068	5,342	5,654	5,435	5,599	5,497
12:00-13:00	492	572	581	451	410	411	444	
13:00-14:00	445	572	561	365	395	388	424	
14:00-15:00	412	589	506	409	438	359	447	
15:00-16:00	421	555	517	405	430	392	466	
16:00-17:00	392	558	443	375	380	381	398	
17:00-18:00	385	515	465	380	432	401	392	
18:00-19:00	460	539	439	419	424	477	470	
19:00-20:00	493	456	445	397	429	425	474	
20:00-21:00	455	396	347	314	350	373	398	
21:00-22:00	303	405	306	281	301	230	304	
22:00-23:00	304	374	227	193	211	211	223	
23:00-24:00	249	312	159	98	116	181	159	
PM Total	4,811	5,843	4,996	4,087	4,316	4,229	4,599	0
24 Hr. Total	4,811	9,571	8,064	9,429	9,970	9,664	10,198	5,497
Noon - Noon	8,539	8,911	10,338	9,741	9,751	9,828	10,096	
	ADT 9,601	AWD 9,854	AADT	AAWD	SADT	SAWDT	WADT	DHV



Weekly Volume Summary

Wed, Dec 11, 2013

Location: Hwy 400 & Rutherford Rd - Ramp 62 - Rutherford Rd WB to Hwy 400 NB

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824062

Count Direction: N/A

Report Dates: Nov 26, 2013 to Dec 2, 2013

Hour Interval	Tue 13/11/26	Wed 27	Thu 28	Fri 29	Sat 30	Sun 1	Mon 2	Tue 3
0:00- 1:00		52	60	70	97	101	30	69
1:00- 2:00		23	49	32	56	57	19	27
2:00- 3:00		4	23	21	35	31	23	13
3:00- 4:00		23	15	19	24	25	16	18
4:00- 5:00		24	17	17	13	7	10	22
5:00- 6:00		38	31	37	18	8	38	30
6:00- 7:00		100	102	108	54	23	108	90
7:00- 8:00		173	179	192	71	35	151	161
8:00- 9:00		161	195	186	120	48	162	163
9:00-10:00		155	178	224	162	111	174	167
10:00-11:00		180	191	280	243	205	175	184
11:00-12:00		242	268	377	401	296	274	272
AM Total	0	1,175	1,308	1,563	1,294	947	1,180	1,216
12:00-13:00	322	292	319	427	416	375	365	
13:00-14:00	359	367	407	538	491	415	398	
14:00-15:00	467	440	510	526	503	460	486	
15:00-16:00	519	520	640	670	537	459	565	
16:00-17:00	628	697	664	671	540	497	672	
17:00-18:00	633	708	684	679	493	411	705	
18:00-19:00	483	471	472	467	402	304	498	
19:00-20:00	381	368	389	443	394	287	370	
20:00-21:00	343	316	415	463	319	237	296	
21:00-22:00	247	239	287	475	316	133	248	
22:00-23:00	146	157	165	249	131	89	153	
23:00-24:00	67	96	123	156	149	62	87	
PM Total	4,595	4,671	5,075	5,764	4,691	3,729	4,843	0
24 Hr. Total	4,595	5,846	6,383	7,327	5,985	4,676	6,023	1,216
Noon - Noon	5,770	5,979	6,638	7,058	5,638	4,909	6,059	
	ADT 6,007	AWD 6,112	AADT	AAWD	SADT	SAWDT	WADT	DHV

Weekly Volume Summary

Wed, May 03, 2017

Location: Hwy 400 & Rutherford Rd - Ramp 63 - Rutherford Rd WB to Hwy 400 SB

LHRS/Offset: 46824 / 0.0

Region: Central

Pattern Type: n/a

PCS#: n/a

Hwy. TVIS#: 46824063

Count Direction: N/A

Report Dates: Jun 10, 2016 to Jun 16, 2016

Hour Interval	Fri 16/06/10	Sat 11	Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17
0:00- 1:00		254	210	67	132	111	98	162
1:00- 2:00		98	143	22	80	63	56	86
2:00- 3:00		66	56	16	35	50	48	39
3:00- 4:00		53	41	19	41	40	44	39
4:00- 5:00		37	46	25	75	75	76	52
5:00- 6:00		99	49	256	239	240	262	248
6:00- 7:00		199	109	585	645	632	604	559
7:00- 8:00		296	132	926	924	922	909	863
8:00- 9:00		449	200	1,134	1,030	1,056	1,019	966
9:00-10:00		532	410	771	723	687	759	667
10:00-11:00		641	589	645	616	650	580	597
11:00-12:00		707	640	578	598	608	620	649
AM Total	0	3,431	2,625	5,044	5,138	5,134	5,075	4,927
12:00-13:00	723	709	680	602	585	642	656	
13:00-14:00	827	691	729	710	618	665	642	
14:00-15:00	714	737	800	676	645	673	690	
15:00-16:00	764	705	812	764	680	691	710	
16:00-17:00	623	809	881	739	629	672	603	
17:00-18:00	619	859	872	550	498	550	481	
18:00-19:00	704	908	899	663	583	613	645	
19:00-20:00	850	894	933	746	737	742	660	
20:00-21:00	803	819	850	749	705	691	697	
21:00-22:00	792	859	585	481	446	417	530	
22:00-23:00	808	935	410	361	342	318	339	
23:00-24:00	392	416	183	256	210	127	272	
PM Total	8,619	9,341	8,634	7,297	6,678	6,801	6,925	0
24 Hr. Total	8,619	12,772	11,259	12,341	11,816	11,935	12,000	4,927
Noon - Noon	12,050	11,966	13,678	12,435	11,812	11,876	11,852	
	ADT	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
	12,238	11,994						

Appendix B COLLISION DATA





Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Hwy 400 NB Ramp @ Rutherford Road

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 25

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
16-193999	2016-Jul-18, Mon,07:27	Clear	Turning movement	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					North	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly	
17-129690	2017-May-02, Tue,11:00	Clear	Rear end	P.D. only	North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-159877	2017-Jun-02, Fri,10:15	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
17-220174	2017-Jul-29, Sat,20:27	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Truck - tractor	Other motor vehicle	Driving properly	
					West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly	
17-238681s	2017-Aug-16, Wed,18:00	Clear	Rear end	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other	
					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
17-241102	2017-Aug-19, Sat,06:30	Clear	Angle	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control	
					North	Dry	Turning left	Truck - tractor	Other motor vehicle	Driving properly	
17-324057	2017-Nov-10, Fri,10:59	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-361690	2017-Dec-18, Mon,08:00	Snow	SMV other	P.D. only	North	Slush	Turning right	Automobile, station wagon	Skidding/sliding	Driving properly	
						Slush					
18-128491	2018-Apr-26, Thu,21:59	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	

18-201421	2018-Jun-28, Thu, 14:49	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Truck - tractor	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning right	Truck - tractor	Other motor vehicle	Improper turn
18-252327	2018-Aug-03, Fri, 15:45	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-260371	2018-Aug-17, Fri, 13:30	Rain	Sideswipe	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-285050	2018-Sep-08, Sat, 11:47	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Other
Comments:					North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Other
18-299109	2018-Sep-21, Fri, 12:36	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-358969s	2018-Nov-13, Tue, 16:32	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-65170	2018-Feb-28, Wed, 17:07	Clear	SMV other	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Pole (utility, power)	Lost control
Comments:						Dry				
18-70407	2018-Mar-05, Mon, 12:34	Clear	SMV other	Non-fatal injury	North	Dry	Turning right	Automobile, station wagon	Pedestrian	Failed to yield right-of-way
Comments:						Dry				1
19-100306s	2019-Mar-26, Tue, 13:00	Clear	Angle	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-121035s	2019-Apr-11, Thu, 18:44	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Truck - tractor	Other motor vehicle	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-268114s	2019-Aug-05, Mon, 16:30	Clear	Angle	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-316736s	2019-Sep-12, Thu,16:30	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-333796	2019-Sep-26, Thu,23:11	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-418856	2019-Dec-07, Sat,17:35	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
19-437402	2019-Dec-24, Tue,12:19	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-73341	2019-Mar-04, Mon,10:27	Clear	Rear end	P.D. only	West	Wet	Going ahead	Police vehicle	Other motor vehicle	Driving properly
Comments:					West	Ice	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Hwy 400 NB Ramp @ Rutherford Road

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 13

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-70997	2015-Mar-14, Sat,12:20	Clear	Angle	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-107192	2017-Apr-13, Thu,03:28	Clear	SMV other	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Cable guide rail	Driving properly	
						Dry					
17-162541	2017-Jun-04, Sun,21:20	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Making "U" turn	Passenger van	Other motor vehicle	Driving properly	
17-290288	2017-Oct-08, Sun,18:18	Clear	Angle	Non-fatal injury	South	Dry	Turning left	Passenger van	Other motor vehicle	Disobeyed traffic control	
					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
17-358266	2017-Dec-14, Thu,10:48	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Speed too fast for condition	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-363006	2017-Dec-19, Tue,13:55	Clear	Rear end	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Lost control	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-98343	2017-Apr-05, Wed,14:23	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Delivery van	Other motor vehicle	Other	
					West	Dry	Going ahead	Municipal transit bus	Other motor vehicle	Driving properly	
18-122546	2018-Apr-21, Sat,18:20	Clear	Rear end	P.D. only	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
18-279578	2018-Sep-03, Mon,15:10	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Passenger van	Other motor vehicle	Disobeyed traffic control	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

18-356312	2018-Nov-11, Sun,18:38	Clear	Turning movement	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning left	Pick-up truck	Other motor vehicle	Driving properly
19-209319	2019-Jun-22, Sat,10:24	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Stopped	Truck - open	Other motor vehicle	Driving properly
19-241057	2019-Jul-16, Tue,06:42	Clear	Rear end	P.D. only	East	Dry	Stopped	Truck - open	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-90462	2019-Mar-18, Mon,13:11	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Truck - tractor	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street & Bagg Street/Gensal Gate

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 26

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-103857	2015-Apr-16, Thu,17:00	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-165548	2015-Jun-15, Mon,15:46	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-205187	2015-Jul-23, Thu,16:37	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	
15-239396	2015-Aug-27, Thu,07:08	Clear	Rear end	P.D. only	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close	
					East	Dry	Going ahead	Motorcycle	Other motor vehicle	Driving properly	
15-337752	2015-Dec-14, Mon,10:12	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-344905	2015-Dec-22, Tue,14:24	Clear	Rear end	P.D. only	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
					South	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-121097	2016-May-05, Thu,21:05	Clear	Rear end	P.D. only	South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-12129	2016-Jan-13, Wed,18:03	Clear	Rear end	Non-fatal injury	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-83141	2016-Mar-29, Tue,18:07	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

17-100525	2017-Apr-07, Fri,11:36	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-200659	2017-Jul-10, Mon,19:21	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-210252	2017-Jul-20, Thu,07:52	Clear	Angle	Non-fatal injury	West	Dry	Turning right	Truck-other	Cyclist	Driving properly
Comments:					South	Dry	Going ahead	Bicycle	Other motor vehicle	Driving properly
17-243304	2017-Aug-21, Mon,11:29	Clear	Angle	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other
17-2627	2017-Jan-03, Tue,19:15	Rain	SMV other	Non-fatal injury	North	Wet	Turning left	Unknown	Pedestrian	Failed to yield right-of-way
Comments:						Wet				1
17-292320	2017-Oct-10, Tue,19:19	Clear	Rear end	Non-fatal injury	South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-15027	2018-Jan-15, Mon,07:05	Snow	SMV other	Non-fatal injury	West	Wet	Turning left	Delivery van	Pedestrian	Failed to yield right-of-way
Comments:						Wet				1
18-211045	2018-Jul-06, Fri,14:25	Clear	Angle	Non-fatal injury	North	Dry	Going ahead	Truck-other	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-219219s	2018-Jul-13, Fri,14:14	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-266954	2018-Aug-23, Thu,16:14	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-2699	2018-Jan-03, Wed,17:37	Snow	SMV other	Non-fatal injury	East	Wet	Turning left	Pick-up truck	Pedestrian	Driving properly
Comments:						Wet				1
18-297885	2018-Sep-20, Thu,09:43	Clear	Turning movement	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly

18-30019	2018-Jan-28, Sun,10:43	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Delivery van	Other motor vehicle	Driving properly
18-36561	2018-Feb-02, Fri,21:54	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-89244	2018-Mar-22, Thu,12:40	Clear	Turning movement	P.D. only	South	Dry	Turning left	Pick-up truck	Other motor vehicle	Failed to yield right-of- way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-153555	2019-May-08, Wed,13:55	Clear	Sideswipe	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-217505	2019-Jun-28, Fri,11:58	Clear	Angle	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street & Edilcan Drive/Courtland Avenue

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 15

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuver	Vehicle type	First Event	Driver Action	No. Ped
15-231349	2015-Aug-18, Tue,13:56	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-301869	2015-Nov-03, Tue,12:36	Clear	Other	P.D. only	West	Dry	Reversing	Truck - closed	Other motor vehicle	Driving properly	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-344111	2015-Dec-21, Mon,15:46	Rain	Rear end	P.D. only	South	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-64675	2016-Mar-09, Wed,15:56	Clear	Rear end	P.D. only	South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other	
					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-70912	2016-Mar-16, Wed,07:43	Clear	SMV other	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Pedestrian	Driving properly	
						Dry					
17-179169	2017-Jun-20, Tue,12:53	Clear	Rear end	P.D. only	South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
17-48140s	2017-Feb-16, Thu,18:42	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-48583	2017-Feb-17, Fri,08:47	Clear	SMV other	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Pedestrian	Failed to yield right-of-way	1
						Dry					
18-152348	2018-May-17, Thu,15:21	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly	

18-226703	2018-Jul-19, Thu,18:00	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-305673	2018-Sep-27, Thu,17:29	Clear	Turning movement	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
18-60767	2018-Feb-24, Sat,18:50	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-65617	2018-Mar-01, Thu,06:26	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Truck - tractor	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-70055	2018-Mar-05, Mon,07:57	Clear	SMV other	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Pedestrian	Failed to yield right-of- 1 way
Comments:						Dry				
19-294892	2019-Aug-26, Mon,07:59	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Going ahead	Municipal transit bus	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street & Langstaff Road

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 41

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-111201	2015-Apr-24, Fri,09:32	Clear	Sideswipe	Non-fatal injury	West	Dry	Changing lanes	Delivery van	Other motor vehicle	Improper lane change	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-111211	2015-Apr-24, Fri,09:38	Clear	Rear end	Non-fatal injury	East	Dry	Stopped	Tow truck	Other motor vehicle	Improper lane change	
Comments:					East	Dry	Changing lanes	Passenger van	Other motor vehicle	Driving properly	
15-155569	2015-Jun-05, Fri,15:20	Rain	Turning movement	Non-fatal injury	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-217923	2015-Aug-04, Tue,20:30	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Speed too slow	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-260180	2015-Sep-18, Fri,10:10	Clear	Rear end	P.D. only	East	Dry	Stopped	Passenger van	Other motor vehicle	Following too close	
Comments:					East	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Driving properly	
15-294275	2015-Oct-26, Mon,07:02	Clear	Rear end	P.D. only	East	Dry	Other	Truck - tractor	Other motor vehicle	Other	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-308478	2015-Nov-10, Tue,20:51	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-308516	2015-Nov-10, Tue,21:40	Rain	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-318402	2015-Nov-21, Sat,13:12	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition	
Comments:					North	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	

15-50690	2015-Feb-21, Sat,20:17	Snow	Turning movement	Non-fatal injury	North	Packed snow	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					South	Packed snow	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-71096	2015-Mar-14, Sat,14:41	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-105097	2016-Apr-20, Wed,09:05	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Stopped	School bus	Other motor vehicle	Driving properly
16-228088	2016-Aug-23, Tue,08:20	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-300369	2016-Nov-07, Mon,14:15	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-304195	2016-Nov-11, Fri,14:25	Clear	Turning movement	P.D. only	North	Dry	Turning left	Pick-up truck	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
16-311257	2016-Nov-19, Sat,13:41	Rain	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-4941	2016-Jan-06, Wed,10:10	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Truck - tractor	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-182659	2017-Jun-23, Fri,15:31	Clear	Rear end	P.D. only	North	Dry	Going ahead	Truck - tractor	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
17-193992	2017-Jul-04, Tue,12:18	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Truck - tractor	Other motor vehicle	Driving properly
17-281260s	2017-Sep-29, Fri,17:05	Clear	Angle	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

17-297770	2017-Oct-15, Sun,23:17	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-319769	2017-Nov-06, Mon,11:44	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-319788	2017-Nov-06, Mon,12:00	Clear	Angle	P.D. only	North	Dry	Going ahead	Truck - closed	Other motor vehicle	Improper passing
Comments:					West	Dry	Stopped	Fire vehicle	Other motor vehicle	Driving properly
17-335581	2017-Nov-22, Wed,08:01	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Truck - closed	Other motor vehicle	Other
Comments:					West	Dry	Going ahead	Truck - dump	Other motor vehicle	Driving properly
17-36894	2017-Feb-06, Mon,00:59	Clear	SMV other	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Curb	Exceeding speed limit
Comments:						Dry				
17-87795	2017-Mar-26, Sun,16:00	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-122236	2018-Apr-21, Sat,13:30	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-124186	2018-Apr-23, Mon,08:43	Clear	Turning movement	Non-fatal injury	East	Dry	Stopped	Delivery van	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-15012	2018-Jan-15, Mon,06:48	Snow	Turning movement	P.D. only	North	Slush	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Slush	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-280743	2018-Sep-04, Tue,15:30	Clear	Angle	P.D. only	South	Dry	Going ahead	Other	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-302570	2018-Sep-24, Mon,15:20	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

18-31115	2018-Jan-29, Mon,11:40	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-343818	2018-Oct-31, Wed,09:09	Rain	Rear end	P.D. only	North	Wet	Going ahead	Truck - open	Other motor vehicle	Driving properly
Comments:					North	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
18-355593	2018-Nov-11, Sun,01:24	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-4371	2018-Jan-05, Fri,09:53	Clear	SMV other	Non-fatal injury	East	Dry	Turning right	Automobile, station wagon	Pedestrian	Failed to yield right-of- way 1
Comments:						Dry				
19-11669	2019-Jan-11, Fri,06:57	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
19-11867	2019-Jan-11, Fri,06:50	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
19-138372	2019-Apr-25, Thu,17:50	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-233950	2019-Jul-10, Wed,12:00	Clear	Sideswipe	P.D. only	East	Dry	Merging	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly
19-415713	2019-Dec-05, Thu,07:10	Clear	Turning movement	P.D. only	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-63287	2019-Feb-23, Sat,21:26	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Improper lane change



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street & Locke Street/Bass Pro Mills Drive

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 8

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-264307	2015-Sep-22, Tue,21:21	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
15-43655	2015-Feb-15, Sun,10:10	Clear	Turning movement	P.D. only	South	Packed snow	Turning right	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					West	Dry	Going ahead	Municipal transit bus	Other motor vehicle	Driving properly	
16-215360	2016-Aug-09, Tue,19:59	Clear	Turning movement	Non-fatal injury	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper lane change	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-305212	2016-Nov-12, Sat,18:26	Clear	Turning movement	Non-fatal injury	North	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-321060	2016-Nov-30, Wed,08:11	Rain	Turning movement	P.D. only	West	Wet	Making "U" turn	Truck - tractor	Other motor vehicle	Improper turn	
					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-214655	2017-Jul-24, Mon,14:18	Clear	Sideswipe	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper lane change	
					North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly	
17-283942	2017-Oct-02, Mon,15:21	Clear	Rear end	P.D. only	North	Dry	Unknown	Delivery van	Other motor vehicle	Driving properly	
					North	Dry	Unknown	Automobile, station wagon	Other motor vehicle	Driving properly	
19-57767	2019-Feb-19, Tue,17:33	Clear	Sideswipe	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing	
					North	Dry	Stopped	Bus (other)	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street & Riverock Gate

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 32

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-116715	2015-Apr-29, Wed,17:51	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-221830	2015-Aug-08, Sat,17:47	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-232661	2015-Aug-19, Wed,20:56	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-274230	2015-Oct-03, Sat,12:57	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-335889	2015-Dec-11, Fri,20:28	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-338099	2015-Dec-14, Mon,17:15	Rain	Turning movement	P.D. only	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly	
15-341784	2015-Dec-18, Fri,18:27	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-74105	2015-Mar-17, Tue,17:30	Clear	Turning movement	P.D. only	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-140185	2016-May-24, Tue,16:52	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

16-221943	2016-Aug-16, Tue,17:58	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-235622	2016-Aug-30, Tue,17:50	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-244734	2016-Sep-08, Thu,17:18	Clear	SMV other	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Pole (utility, power)	Lost control
Comments:						Dry				
17-1289	2017-Jan-02, Mon,14:27	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
17-130929	2017-May-04, Thu,20:54	Rain	Angle	P.D. only	North	Wet	Slowing or stopping	School bus	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-19889	2017-Jan-20, Fri,17:29	Clear	Turning movement	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-209787	2017-Jul-19, Wed,17:06	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-250449	2017-Aug-28, Mon,16:56	Clear	Turning movement	P.D. only	South	Dry	Turning left	Passenger van	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-330350	2017-Nov-16, Thu,17:48	Clear	Rear end	P.D. only	North	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-338027	2017-Nov-24, Fri,12:56	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-48103	2017-Feb-16, Thu,17:41	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Municipal transit bus	Other motor vehicle	Driving properly

17-624	2017-Jan-01, Sun,19:24	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-7164	2017-Jan-07, Sat,21:25	Clear	SMV other	Non-fatal injury	East	Dry	Turning left	Municipal transit bus	Pedestrian	Improper turn	1
Comments:						Dry					
18-121311	2018-Apr-20, Fri,17:34	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
18-132434	2018-Apr-30, Mon,13:20	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					South	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly	
18-219393	2018-Jul-13, Fri,16:27	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-360454s	2018-Nov-15, Thu,14:52	Clear	Angle	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					South	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly	
18-378641	2018-Dec-02, Sun,18:38	Rain	Angle	P.D. only	West	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-384212	2018-Dec-07, Fri,17:21	Clear	Sideswipe	P.D. only	West	Dry	Other	Automobile, station wagon	Other motor vehicle	Improper passing	
Comments:					West	Dry	Stopped	Bus (other)	Other motor vehicle	Driving properly	
19-17917	2019-Jan-16, Wed,09:49	Clear	Sideswipe	Non-fatal injury	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					South	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly	
19-186345	2019-Jun-04, Tue,12:58	Clear	Rear end	Non-fatal injury	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					South		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
19-1875s	2019-Jan-02, Wed,16:45	Snow	Turning movement	P.D. only	South	Loose snow	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

19-224967	2019-Jul-03, Wed, 17:00	Clear	Angle	P.D. only	North	Dry	Turning right	Pick-up truck	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street & Rutherford Road

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 119

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-1009	2015-Jan-02, Fri,10:40	Clear	Rear end	P.D. only	East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-132648	2015-May-14, Thu,16:17	Clear	Rear end	P.D. only	East	Dry	Going ahead	Delivery van	Other motor vehicle	Following too close	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-150192	2015-May-31, Sun,13:34	Rain	Angle	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-187081	2015-Jul-07, Tue,11:47	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
15-189800	2015-Jul-09, Thu,21:39	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
15-214612	2015-Aug-01, Sat,12:31	Clear	Turning movement	P.D. only	East	Dry	Turning right	Truck - tractor	Other motor vehicle	Improper turn	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-214727	2015-Jul-31, Fri,19:35	Clear	Rear end	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-226101	2015-Aug-13, Thu,07:25	Clear	Turning movement	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
15-255089	2015-Sep-12, Sat,20:20	Rain	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

15-263986	2015-Sep-22, Tue,13:54	Clear	Turning movement	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
15-268240	2015-Sep-26, Sat,21:28	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-269071	2015-Sep-27, Sun,20:10	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
15-279757	2015-Oct-09, Fri,16:47	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-286816	2015-Oct-17, Sat,12:08	Clear	Turning movement	P.D. only	North	Dry	Turning left	Passenger van	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-286947	2015-Oct-17, Sat,14:46	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-340871	2015-Dec-17, Thu,18:51	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-345857	2015-Dec-23, Wed,16:40	Clear	Turning movement	P.D. only	East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Following too close
15-40355	2015-Feb-11, Wed,20:39	Clear	Angle	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
15-45883	2015-Feb-17, Tue,14:49	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
15-63247	2015-Mar-06, Fri,17:10	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly

15-6533	2015-Jan-08, Thu,09:48	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-88831	2015-Apr-01, Wed,15:25	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-9125	2015-Jan-10, Sat,17:28	Clear	Turning movement	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-97041	2015-Apr-10, Fri,00:30	Rain	Rear end	P.D. only	West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-106316	2016-Apr-20, Wed,19:00	Clear	SMV other	P.D. only	West	Dry	Going ahead	Unknown	Ran off road	Lost control
Comments:						Dry				
16-117197	2016-May-02, Mon,09:31	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
16-12780	2016-Jan-14, Thu,12:15	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-136015	2016-May-20, Fri,16:20	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					North	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
16-136861	2016-May-21, Sat,12:45	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-14665	2016-Jan-16, Sat,07:34	Clear	Rear end	P.D. only	West	Wet	Going ahead	Passenger van	Other motor vehicle	Speed too fast for condition
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-148363	2016-Jun-01, Wed,16:30	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-148491	2016-Jun-01, Wed,16:30	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-158523	2016-Jun-11, Sat,15:20	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Pulling away from shoulder or curb	Automobile, station wagon	Other motor vehicle	Driving properly
16-16724	2016-Jan-18, Mon,11:46	Clear	SMV other	Non-fatal injury	East	Dry	Going ahead	Truck - tractor	Pedestrian	Driving properly
Comments:						Dry				
16-181087	2016-Jul-04, Mon,17:47	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-181171	2016-Jul-04, Mon,18:20	Clear	Turning movement	P.D. only	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-192572	2016-Jul-16, Sat,14:18	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-202131	2016-Jul-26, Tue,15:36	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
16-204868	2016-Jul-29, Fri,12:34	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-211543	2016-Aug-05, Fri,16:46	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Stopped	Truck - open	Other motor vehicle	Driving properly
16-211567	2016-Aug-05, Fri,17:17	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-214285	2016-Aug-08, Mon,17:40	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control

16-216476	2016-Aug-10, Wed,22:07	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-23691	2016-Jan-25, Mon,08:03			P.D. only						
Comments:										
16-255942	2016-Sep-20, Tue,10:10	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-262725	2016-Sep-27, Tue,15:00	Clear	Turning movement	P.D. only	East	Dry	Turning left	Truck - dump	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-266360	2016-Oct-01, Sat,15:51	Rain	Turning movement	Non-fatal injury	West	Wet	Going ahead	Passenger van	Other motor vehicle	Disobeyed traffic control
Comments:					North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-292477	2016-Oct-30, Sun,00:24	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-307257	2016-Nov-15, Tue,07:42	Clear	Sideswipe	P.D. only	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-308190	2016-Nov-16, Wed,07:06	Rain	Turning movement	P.D. only	East	Wet	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-32034	2016-Feb-02, Tue,18:17	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					North		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-323573	2016-Dec-02, Fri,22:05	Clear	Turning movement	P.D. only	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-331088	2016-Dec-10, Sat,22:36	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

16-335133s	2016-Dec-15, Thu,12:00	Snow	Sideswipe	P.D. only	South	Loose snow	Turning left	Snow plow	Other motor vehicle	Driving properly
Comments:					South	Loose snow	Stopped	Delivery van	Other motor vehicle	Driving properly
16-339097	2016-Dec-20, Tue,16:12	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Changing lanes	Passenger van	Other motor vehicle	Failed to yield right-of-way
16-339546s	2016-Dec-21, Wed,06:59	Clear	Rear end	P.D. only	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-50901	2016-Feb-23, Tue,11:48	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Passenger van	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-54613	2016-Feb-27, Sat,12:32	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-55771	2016-Feb-28, Sun,21:45	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-71482	2016-Mar-16, Wed,19:35	Rain	Turning movement	Non-fatal injury	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-100668	2017-Apr-07, Fri,13:05	Clear	Rear end	P.D. only	South	Dry	Changing lanes	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					South	Dry	Stopped	Passenger van	Other motor vehicle	Speed too slow
17-115524	2017-Apr-20, Thu,14:07	Rain	Turning movement	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
17-119915	2017-Apr-24, Mon,15:42	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Municipal transit bus	Other motor vehicle	Driving properly
17-132503s	2017-May-05, Fri,10:30	Rain	Rear end	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

17-177803	2017-Jun-17, Sat,16:30	Clear	Rear end	Non-fatal injury	South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-182441s	2017-Jun-23, Fri,08:15	Clear	Angle	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-194177	2017-Jul-04, Tue,14:44	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly
17-2123	2017-Jan-03, Tue,12:35	Snow	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-217319	2017-Jul-27, Thu,05:55	Rain	Angle	Non-fatal injury	West	Wet	Going ahead	Passenger van	Other motor vehicle	Disobeyed traffic control
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-223936	2017-Aug-02, Wed,11:27	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-234115	2017-Aug-12, Sat,11:16	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-248592s	2017-Aug-26, Sat,15:02	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-25143	2017-Jan-25, Wed,23:20	Rain	Turning movement	P.D. only	South	Wet	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-277466	2017-Sep-25, Mon,21:57	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-29855	2017-Jan-28, Sat,06:00	Snow	Rear end	P.D. only	North	Loose snow	Slowing or stopping	Automobile, station wagon	Skidding/sliding	Speed too fast for condition
Comments:					North	Loose snow	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly

17-353038	2017-Dec-08, Fri,17:16	Clear	Turning movement	Non-fatal injury	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-38455s	2017-Feb-07, Tue,12:26	Rain	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-68544	2017-Mar-08, Wed,17:05	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-98121	2017-Apr-05, Wed,11:35	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-152310	2018-May-17, Thu,14:46	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Delivery van	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-157809	2018-May-22, Tue,15:19	Rain	Rear end	Non-fatal injury	North	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-160893s	2018-May-25, Fri,07:44	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-16935	2018-Jan-16, Tue,09:30	Snow	Rear end	P.D. only	East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
18-169937s	2018-Jun-01, Fri,16:20	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Delivery van	Other motor vehicle	Driving properly
18-193559	2018-Jun-21, Thu,14:50	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Truck - dump	Other motor vehicle	Driving properly
18-220440s	2018-Jul-14, Sat,13:42	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

18-220466s	2018-Jul-14, Sat,14:16	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-220872	2018-Jul-14, Sat,22:42	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-243453	2018-Aug-02, Thu,20:00	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-249814	2018-Aug-08, Wed,16:39	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-252249	2018-Aug-10, Fri,18:15	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-252545	2018-Aug-10, Fri,23:56	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
18-263211	2018-Aug-20, Mon,10:56	Clear	Rear end	P.D. only	East	Dry	Turning left	Truck - dump	Other motor vehicle	Driving properly
Comments:					East	Dry	Turning left	Pick-up truck	Other motor vehicle	Driving properly
18-290522	2018-Sep-13, Thu,14:53	Clear	Turning movement	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-311636s	2018-Oct-03, Wed,09:33	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-347403	2018-Nov-03, Sat,14:14	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-35943	2018-Feb-02, Fri,11:49	Clear	Turning movement	Non-fatal injury	East	Dry	Turning right	Truck - tractor	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly

18-54926	2018-Feb-19, Mon,18:22	Rain	Angle	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-55242	2018-Feb-20, Tue,05:47	Rain	Turning movement	Non-fatal injury	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-67276s	2018-Mar-02, Fri,14:36	Clear	Rear end	P.D. only	North	Dry	Going ahead	Passenger van	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-74866s	2018-Mar-09, Fri,07:48	Clear	Rear end	P.D. only	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-142159	2019-Apr-28, Sun,22:19	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-156393s	2019-May-10, Fri,22:17	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-204284s	2019-Jun-18, Tue,15:02	Clear	Turning movement	P.D. only	North	Dry	Turning left	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
19-208248s	2019-Jun-21, Fri,14:22	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-21664	2019-Jan-19, Sat,13:40	Snow	Rear end	P.D. only	North	Packed snow	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Packed snow	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-244690s	2019-Jul-18, Thu,11:00	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Pick-up truck	Other motor vehicle	Driving properly
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-301431	2019-Aug-31, Sat,09:42	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-322153	2019-Sep-17, Tue,13:01	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-334518	2019-Sep-27, Fri,14:07	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Going ahead	Police vehicle	Other motor vehicle	Driving properly
19-357120	2019-Oct-16, Wed,06:00	Rain	Rear end	Non-fatal injury	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-359279	2019-Oct-17, Thu,19:35	Clear	Other	P.D. only	West	Dry	Reversing	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-361778s	2019-Oct-19, Sat,19:40	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-363745s	2019-Oct-19, Sat,20:00	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-396332s	2019-Nov-15, Fri,15:30	Clear	Sideswipe	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-407103	2019-Nov-27, Wed,10:04	Rain	Rear end	P.D. only	East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Slowing or stopping	Truck - tractor	Other motor vehicle	Driving properly
19-426306	2019-Dec-14, Sat,06:52	Rain	Sideswipe	P.D. only	West	Wet	Going ahead	Truck - tank	Other motor vehicle	Other
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Other
19-66601	2019-Feb-26, Tue,14:56	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-8615	2019-Jan-08, Tue,16:03	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street btwn Bagg Street/Gensal Gate & Locke Street/Bass Pro Mills Drive

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 3

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuver	Vehicle type	First Event	Driver Action	No. Ped
18-39194s	2018-Feb-05, Mon,13:37	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					South	Dry	Stopped	Truck - open	Other motor vehicle	Driving properly	
19-234398	2019-Jul-10, Wed,21:48	Clear	Rear end	P.D. only	South	Dry	Going ahead	Police vehicle	Other motor vehicle	Driving properly	
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
19-241159s	2019-Jul-16, Tue,08:23	Clear	Sideswipe	P.D. only	South	Dry	Changing lanes	Pick-up truck	Other motor vehicle	Improper lane change	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street btwn Edilcan Drive/Courtland Avenue & Bagg Street/Gensal Gate

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 4

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuver	Vehicle type	First Event	Driver Action	No. Ped
15-334767	2015-Dec-10, Thu,17:19	Clear	Rear end	Non-fatal injury	North	Wet	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
Comments:					North	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-348743	2017-Dec-04, Mon,17:26	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
18-339028	2018-Oct-26, Fri,20:15	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
19-300721s	2019-Aug-29, Thu,17:45	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street btwn Langstaff Road & Edilcan Drive/Courtland Avenue

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 5

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-114518	2015-Apr-27, Mon,17:37	Clear	Rear end	P.D. only	North	Dry	Going ahead	Passenger van	Other motor vehicle	Following too close	
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-4277	2016-Jan-05, Tue,17:00	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					North	Dry	Turning left	Passenger van	Other motor vehicle	Improper turn	
17-138019s	2017-May-11, Thu,17:55	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-301815	2017-Oct-19, Thu,16:36	Clear	Angle	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
19-318981	2019-Sep-14, Sat,15:44	Clear	Rear end	P.D. only	North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Jane Street btwn Riverrock Gate & Rutherford Road

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 11

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
16-122839	2016-May-07, Sat,15:40	Clear	Sideswipe	Non-fatal injury	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-12934	2016-Jan-14, Thu,14:53	Snow	SMV other	P.D. only	East	Loose snow	Reversing	Truck - closed	Pole (utility, power)	Other	
Comments:						Loose snow					
17-172910s	2017-Jun-14, Wed,15:31	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-318159	2017-Nov-04, Sat,16:40	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-35726s	2017-Feb-04, Sat,16:59	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-307914	2018-Sep-29, Sat,18:00	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-347421s	2018-Nov-03, Sat,14:32	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
19-131927s	2019-Apr-20, Sat,14:23	Rain	Sideswipe	P.D. only	South	Wet	Making "U" turn	Pick-up truck	Other motor vehicle	Improper turn	
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
19-237050	2019-Jul-12, Fri,22:02	Clear	Sideswipe	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

19-424062s	2019-Dec-11, Wed,17:45	Clear	Sideswipe	P.D. only	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-428460	2019-Dec-16, Mon,09:02	Clear	Sideswipe	P.D. only	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road & Edgeley Boulevard

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 42

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-123968	2015-May-06, Wed,13:09	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-15331	2015-Jan-16, Fri,16:07	Clear	Turning movement	P.D. only	North	Dry	Making "U" turn	Tow truck	Other motor vehicle	Improper lane change	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-175843	2015-Jun-25, Thu,21:14	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-18301	2015-Jan-17, Sat,11:00	Clear	SMV other	P.D. only	East	Wet	Going ahead	Pick-up truck	Tree, shrub, stump	Lost control	
Comments:						Wet					
15-217129	2015-Aug-04, Tue,07:18	Clear	Turning movement	Non-fatal injury	West	Dry	Turning right	Passenger van	Other motor vehicle	Improper turn	
					South		Turning left	Truck-other	Other motor vehicle	Driving properly	
15-268042	2015-Sep-26, Sat,17:09	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-28441	2015-Jan-29, Thu,16:29	Snow	Turning movement	Non-fatal injury	East	Loose snow	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-296681	2015-Oct-28, Wed,15:25	Rain	Rear end	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-296752	2015-Oct-28, Wed,17:12	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	

15-301692	2015-Nov-03, Tue,10:17	Clear	Turning movement	P.D. only	East	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-343943	2015-Dec-21, Mon,12:36	Rain	Turning movement	P.D. only	West	Wet	Stopped	Truck - closed	Other motor vehicle	Lost control
Comments:					East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-45431	2015-Feb-17, Tue,09:20	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-52310	2015-Feb-23, Mon,15:20			P.D. only						
Comments:										
15-56361	2015-Feb-27, Fri,17:39	Clear	Turning movement	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-70979	2015-Mar-14, Sat,12:00	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-112390	2016-Apr-27, Wed,10:29	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-127480	2016-May-12, Thu,07:15	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Truck - dump	Other motor vehicle	Driving properly
16-140280	2016-May-24, Tue,18:25	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-183747	2016-Jul-04, Mon,19:15	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-271228	2016-Oct-06, Thu,16:55	Clear	Turning movement	P.D. only	North	Dry	Making "U" turn	Pick-up truck	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-280481	2016-Oct-16, Sun,23:59	Clear	Turning movement	P.D. only	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-287533	2016-Oct-24, Mon,18:26	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
16-300509	2016-Nov-07, Mon,17:25	Clear	Rear end	Non-fatal injury	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-120464	2017-Apr-25, Tue,07:24	Rain	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-135524	2017-May-09, Tue,14:23	Clear	Rear end	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-140595s	2017-May-13, Sat,19:00	Clear	Angle	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-244530	2017-Aug-22, Tue,16:40	Clear	Rear end	P.D. only	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
17-260675	2017-Sep-08, Fri,17:29	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Other
17-31554	2017-Jan-31, Tue,23:09	Snow	SMV other	P.D. only	West	Slush	Turning right	Automobile, station wagon	Curb	Lost control
Comments:						Slush				
17-361676s	2017-Dec-18, Mon,07:33	Snow	Angle	P.D. only	North	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-369483s	2017-Dec-27, Wed,18:05	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

17-371977	2017-Dec-30, Sat, 15:10	Snow	Turning movement	Non-fatal injury	West	Slush	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Slush	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-160452	2018-May-24, Thu, 18:50	Clear	Other	P.D. only	South	Dry	Reversing	Truck - closed	Other motor vehicle	Other
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-164763	2018-May-28, Mon, 16:25	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-189883	2018-Jun-18, Mon, 13:09	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
18-282102	2018-Sep-05, Wed, 17:00	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Truck - tractor	Other motor vehicle	Lost control
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-383031s	2018-Dec-06, Thu, 18:20	Clear	Turning movement	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-217477	2019-Jun-28, Fri, 11:31	Clear	Other	P.D. only	West	Dry	Reversing	Truck - closed	Other motor vehicle	Other
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-275384	2019-Aug-11, Sun, 07:59	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
19-347956	2019-Oct-08, Tue, 16:53	Clear	Rear end	Non-fatal injury	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-399836s	2019-Nov-20, Wed, 17:25	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-90759	2019-Mar-04, Mon, 17:44	Clear	Angle	Non-fatal injury	West	Dry	Stopped	Passenger van	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road & Exit 30

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 12

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-218944	2015-Aug-05, Wed,19:02	Clear	Rear end	Non-fatal injury	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Other	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-88715	2015-Apr-01, Wed,07:50	Clear	Turning movement	P.D. only	North	Dry	Turning right	Truck - tractor	Other motor vehicle	Improper turn	
Comments:					North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly	
17-112101	2017-Apr-17, Mon,15:32	Clear	Angle	Non-fatal injury	West	Dry	Other	Bicycle	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Dry	Turning right	Automobile, station wagon	Cyclist	Improper turn	
18-240649	2018-Jul-31, Tue,16:41	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly	
18-4202	2018-Jan-05, Fri,06:49	Strong wind	Rear end	Non-fatal injury	East	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Driving properly	
Comments:					East	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Driving properly	
18-4216	2018-Jan-05, Fri,06:49	Clear	Rear end	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other	Improper lane change	
Comments: v1 cutting off v3					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-44024	2018-Feb-09, Fri,17:22	Snow	Rear end	P.D. only	East	Packed snow	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Speed too fast for condition	
Comments:					East	Slush	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
19-103987s	2019-Mar-28, Thu,23:00	Clear	Rear end	P.D. only	West	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly	
Comments:					West	Dry	Slowing or stopping	Truck - tractor	Other motor vehicle	Driving properly	
19-187202	2019-Jun-05, Wed,07:04	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Passenger van	Other motor vehicle	Improper turn	
Comments:					North	Dry	Turning right	Truck - tractor	Other motor vehicle	Driving properly	

19-279828s	2019-Aug-14, Wed,16:43	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-428450	2019-Dec-16, Mon,09:00	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-90117s	2019-Mar-18, Mon,08:24	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road & Millway Avenue

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 13

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-165028	2015-Jun-15, Mon,06:26	Clear	Turning movement	P.D. only	East	Dry	Turning left	Pick-up truck	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
15-182226	2015-Jul-02, Thu,15:07	Clear	Turning movement	P.D. only	West	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-237076	2015-Aug-24, Mon,17:27	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-251149	2015-Sep-08, Tue,16:45	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-71431	2015-Mar-14, Sat,22:33	Clear	SMV other	Non-fatal injury	East	Dry	Stopped	Automobile, station wagon	Pole (utility, power)	Lost control	
16-140432	2016-May-24, Tue,21:24	Clear	Turning movement	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly	
16-230753	2016-Aug-25, Thu,18:11	Rain	Turning movement	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change	
					East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
17-243901	2017-Aug-21, Mon,23:19	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-283826	2017-Oct-02, Mon,13:18	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

18-36273	2018-Feb-02, Fri,16:18	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-382882	2018-Dec-06, Thu,16:00	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-173175	2019-May-24, Fri,17:18	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-229761	2019-Jul-07, Sun,09:25	Clear	Rear end	P.D. only	West	Dry	Going ahead	Delivery van	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road & Silmar Drive/Terecar Drive

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 38

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-109616	2015-Apr-22, Wed,14:51	Clear	Turning movement	P.D. only	West	Dry	Turning left	Pick-up truck	Other motor vehicle	Improper turn	
					South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	
15-140169	2015-May-21, Thu,16:16	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Failed to yield right-of-way	
					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-141485	2015-May-22, Fri,19:20	Clear	SMV other	Non-fatal injury	North	Dry	Turning left	Pick-up truck	Pedestrian	Failed to yield right-of-way	
						Dry					
15-148521	2015-May-29, Fri,16:42	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other	Failed to yield right-of-way	
					South	Dry	Going ahead	Motorcycle	Other	Driving properly	
15-180374	2015-Jun-30, Tue,17:07	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-250798	2015-Sep-08, Tue,11:04	Clear	SMV other	Non-fatal injury	South	Dry	Overtaking	Automobile, station wagon	Other	Lost control	
						Dry					
15-309872	2015-Nov-12, Thu,09:02	Rain	Angle	Non-fatal injury	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-339613	2015-Dec-16, Wed,12:10	Rain	Turning movement	Non-fatal injury	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-59676	2015-Mar-03, Tue,08:40	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

16-130853	2016-May-15, Sun,14:12	Clear	Sideswipe	Non-fatal injury	South	Wet	Changing lanes	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-156115	2016-Jun-09, Thu,09:05	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-168941	2016-Jun-21, Tue,17:37	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-16974	2016-Jan-18, Mon,15:45	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-174494	2016-Jun-27, Mon,11:34	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
16-199165	2016-Jul-23, Sat,12:15	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-292871	2016-Oct-30, Sun,12:58	Clear	Angle	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-296984	2016-Nov-03, Thu,17:09	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Delivery van	Other motor vehicle	Driving properly
16-339713	2016-Dec-21, Wed,10:32	Clear	Rear end	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Wet	Changing lanes	Passenger van	Other motor vehicle	Improper lane change
16-41922	2016-Feb-13, Sat,07:26	Clear	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-159247	2017-Jun-01, Thu,17:20	Clear	Rear end	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly

17-23207	2017-Jan-24, Tue,08:48	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-275999	2017-Sep-24, Sun,14:45	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-361677	2017-Dec-18, Mon,07:38	Snow	Rear end	P.D. only	North	Loose snow	Turning right	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					North	Loose snow	Stopped	Truck - open	Other motor vehicle	Driving properly
17-366609	2017-Dec-23, Sat,15:57	Clear	Angle	P.D. only	West	Slush	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Slush	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-38119	2017-Feb-07, Tue,07:00	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-118854	2018-Apr-18, Wed,17:15	Clear	Rear end	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-299944	2018-Sep-22, Sat,07:55	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
18-309792	2018-Oct-01, Mon,16:40	Rain	Angle	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-359147	2018-Nov-14, Wed,11:08	Clear	Rear end	P.D. only	West	Dry	Going ahead	Unknown	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-361549	2018-Nov-16, Fri,16:15	Clear	Angle	Non-fatal injury	East	Wet	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-73744	2018-Mar-08, Thu,11:00	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-161545s	2019-May-15, Wed, 15:08	Clear	Angle	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-229262	2019-Jul-06, Sat, 20:48	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-240419	2019-Jul-15, Mon, 15:51	Clear	Rear end	Non-fatal injury	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
19-316582s	2019-Sep-12, Thu, 15:14	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-35071s	2019-Jan-31, Thu, 16:45	Clear	Turning movement	P.D. only	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-367520s	2019-Oct-24, Thu, 13:19	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-397497	2019-Nov-18, Mon, 18:32	Rain	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road btwn Edgeley Boulevard & Millway Avenue

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 7

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-176835	2015-Jun-25, Thu,13:30	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West		Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
15-222322	2015-Aug-09, Sun,04:25	Clear	SMV other	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Curb	Lost control	
						Dry					
16-123619	2016-May-08, Sun,16:10	Rain	Approaching	Non-fatal injury	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition	
					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-195488	2016-Jul-19, Tue,18:17	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-288948	2017-Oct-07, Sat,09:26	Rain	SMV other	P.D. only	West	Wet	Going ahead	Pick-up truck	Tree, shrub, stump	Other	
18-271022	2018-Aug-27, Mon,11:53	Clear	Approaching	Non-fatal injury	East	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
19-359316	2019-Oct-17, Thu,20:13	Clear	Sideswipe	P.D. only	East	Dry	Merging	Automobile, station wagon	Other motor vehicle	Improper turn	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road btwn Exit 30 & Edgeley Boulevard

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 7

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
16-161702	2016-Jun-14, Tue,16:37	Clear	Rear end	P.D. only	West	Dry	Going ahead	Passenger van	Other motor vehicle	Lost control	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-253397	2016-Sep-17, Sat,14:21	Rain	Rear end	P.D. only	West	Wet	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
					West	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
17-135698	2017-May-09, Tue,17:09	Clear	Rear end	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
17-223155	2017-Aug-01, Tue,17:18	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
17-279793	2017-Sep-28, Thu,07:42	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other	
					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly	
18-137812s	2018-May-04, Fri,16:10	Rain	Rear end	P.D. only	West	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control	
					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
18-79474	2018-Mar-13, Tue,14:15	Clear	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road btwn Millway Avenue & Jane Street

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 5

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-225508	2015-Aug-12, Wed,15:42	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper lane change	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-66305	2016-Mar-11, Fri,09:28	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-259663	2017-Sep-07, Thu,15:41	Rain	Sideswipe	P.D. only	East	Wet	Changing lanes	School bus	Other motor vehicle	Improper lane change	
					East	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
17-37676	2017-Feb-06, Mon,17:31	Clear	Angle	Non-fatal injury	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
19-415728	2019-Dec-05, Thu,07:34	Clear	Sideswipe	P.D. only	West	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
					West	Wet	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road btwn Silmar Drive/Terecar Drive & Exit 30

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 8

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-326909	2015-Dec-01, Tue,19:55	Clear	Turning movement	P.D. only	South	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-137889	2017-May-11, Thu,15:50	Clear	Rear end	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
17-138811	2017-May-12, Fri,14:01	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	
17-216932	2017-Jul-26, Wed,16:40	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-283199	2017-Oct-01, Sun,20:48	Clear	Rear end	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Lost control	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
18-140861	2018-May-07, Mon,16:38	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
18-216327	2018-Jul-11, Wed,06:25	Clear	Sideswipe	Non-fatal injury	East	Dry	Changing lanes	Delivery van	Other motor vehicle	Failed to yield right-of-way	
					East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	
18-70671	2018-Mar-05, Mon,16:48	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Langstaff Road btwn Weston Road & Silmar Drive/Terecar Drive

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 23

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-320287	2015-Nov-24, Tue,06:05	Snow	Rear end	Non-fatal injury	East	Ice	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control	
Comments:					East	Ice	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control	
16-134283	2016-May-18, Wed,22:13	Clear	Rear end	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-176673	2016-Jun-29, Wed,17:21	Clear	Rear end	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-4292	2016-Jan-05, Tue,17:44			P.D. only							
Comments:											
17-104054	2017-Apr-10, Mon,14:10	Clear	Angle	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					East	Wet	Going ahead	Truck - tractor	Other motor vehicle	Driving properly	
17-11925s	2017-Jan-12, Thu,17:50	Clear	Angle	P.D. only	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-131556	2017-May-05, Fri,15:00	Rain	Sideswipe	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West		Turning right	Automobile, station wagon	Other motor vehicle	Improper lane change	
17-231326	2017-Aug-09, Wed,16:18	Clear	Angle	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-258758s	2017-Sep-06, Wed,16:50	Clear	Angle	P.D. only	South	Dry	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way	
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

17-277974	2017-Sep-26, Tue, 11:35	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					East		Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
17-351863	2017-Dec-07, Thu, 14:43	Clear	Turning movement	P.D. only	West	Dry	Turning left	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-81827s	2017-Mar-21, Tue, 17:50	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-114666	2018-Apr-14, Sat, 01:21	Rain	Sideswipe	P.D. only	West	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-120085	2018-Apr-19, Thu, 17:37	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Truck - car carrier	Other motor vehicle	Other
Comments:					West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Other
18-199188	2018-Jun-26, Tue, 15:03	Clear	Angle	P.D. only	West	Dry	Reversing	Truck - open	Other motor vehicle	Driving properly
Comments:					South	Dry	Stopped	Police vehicle	Other motor vehicle	Driving properly
18-210795	2018-Jul-06, Fri, 10:50	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
18-361348s	2018-Nov-16, Fri, 12:37	Clear	Angle	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-252304s	2019-Jul-24, Wed, 15:44	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-26032	2019-Jan-23, Wed, 15:31	Rain	Angle	P.D. only	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-377686s	2019-Oct-31, Thu, 16:30	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

19-384552	2019-Nov-07, Thu,10:23	Clear	Angle	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-441271	2019-Dec-28, Sat,19:44	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-86163s	2019-Mar-14, Thu,15:45	Rain	Angle	Non-fatal injury	South	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road & Julliard Drive

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 88

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-188572	2015-Jul-08, Wed,19:00	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-198081	2015-Jul-17, Fri,10:29	Rain	Turning movement	P.D. only	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit	
15-198507	2015-Jul-17, Fri,17:10	Rain	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-247974	2015-Sep-05, Sat,06:58	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-276527	2015-Oct-06, Tue,09:46	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Dry	Going ahead	Automobile, station wagon	Curb	Driving properly	
15-291510	2015-Oct-22, Thu,17:36	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Passenger van	Other motor vehicle	Improper turn	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-304852	2015-Nov-06, Fri,13:00	Clear	Approaching	P.D. only	South	Dry	Overtaking	Pick-up truck	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-326973	2015-Dec-01, Tue,21:30	Rain	SMV other	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Pedestrian	Failed to yield right-of-way	
						Wet					
15-333038	2015-Dec-08, Tue,18:45	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	

15-333976	2015-Dec-09, Wed,18:35	Rain	Sideswipe	P.D. only	West	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-337951	2015-Dec-14, Mon,14:25	Clear	Turning movement	Non-fatal injury	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Wet	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
15-339761	2015-Dec-16, Wed,14:43	Clear	Turning movement	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-345140	2015-Dec-22, Tue,19:44	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
15-345563	2015-Dec-23, Wed,09:52	Clear	Turning movement	Non-fatal injury	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-49813	2015-Feb-20, Fri,20:24	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
15-56378	2015-Feb-27, Fri,17:44	Clear	Rear end	Non-fatal injury	West	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-84497	2015-Mar-28, Sat,13:20	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-85587	2015-Mar-29, Sun,17:05	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-104658	2016-Apr-19, Tue,18:39	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-136673	2016-May-21, Sat,08:41	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly

16-143439	2016-May-27, Fri,17:16	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East		Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-149415	2016-Jun-02, Thu,15:45	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-158515	2016-Jun-11, Sat,15:05	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-164669	2016-Jun-17, Fri,16:40	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-173197	2016-Jun-25, Sat,21:46	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
16-180082	2016-Jul-03, Sun,15:46	Clear	Approaching	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-185076	2016-Jul-08, Fri,16:52	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-211434	2016-Aug-05, Fri,14:29	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Speed too slow
Comments:					East	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly
16-227276	2016-Aug-22, Mon,10:01	Clear	Rear end	Non-fatal injury	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-24639	2016-Jan-26, Tue,08:07	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-247564	2016-Sep-11, Sun,18:00	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

16-262665	2016-Sep-27, Tue,14:25	Clear	Turning movement	P.D. only	West	Dry	Turning right	Truck - dump	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-282026	2016-Oct-18, Tue,16:20	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
16-282181	2016-Oct-18, Tue,19:31	Rain	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-305243	2016-Nov-12, Sat,19:31	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-306833	2016-Nov-14, Mon,17:51	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-310717	2016-Nov-18, Fri,20:25	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-316999	2016-Nov-25, Fri,21:03	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-339059	2016-Dec-20, Tue,15:20	Clear	Turning movement	P.D. only	South	Dry	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly
16-339603	2016-Dec-21, Wed,08:24	Clear	Turning movement	Non-fatal injury	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-341116	2016-Dec-22, Thu,22:45	Clear	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-55020	2016-Feb-27, Sat,22:10	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-69141	2016-Mar-12, Sat,14:00	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-78658	2016-Mar-24, Thu,21:47	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-124593	2017-Apr-28, Fri,20:52	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-131424	2017-May-05, Fri,12:08	Rain	Sideswipe	P.D. only	North	Wet	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-198396	2017-Jul-08, Sat,13:19	Clear	SMV other	P.D. only	North	Dry	Turning right	Automobile, station wagon	Curb	Lost control
Comments:						Dry				
17-215002	2017-Jul-24, Mon,21:06	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-216546	2017-Jul-26, Wed,10:46	Clear	Sideswipe	P.D. only	North	Dry	Overtaking	Passenger van	Other motor vehicle	Improper passing
Comments:					North	Dry	Turning left	Truck - tractor	Other motor vehicle	Driving properly
17-217101	2017-Jul-26, Wed,21:11	Rain	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-218861	2017-Jul-28, Fri,14:56	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-269891	2017-Sep-18, Mon,15:07	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-270259	2017-Sep-18, Mon,00:02	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

17-285219	2017-Oct-03, Tue, 18:50	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-298314	2017-Oct-16, Mon, 14:00	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-318947	2017-Nov-05, Sun, 14:18	Other	Sideswipe	P.D. only	North	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-361937	2017-Dec-18, Mon, 11:43	Snow	Angle	P.D. only	West	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-37297	2017-Feb-06, Mon, 11:20	Clear	Angle	P.D. only	South	Dry	Turning right	Automobile, station wagon	Cyclist	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Bicycle	Other motor vehicle	Other
17-40878	2017-Feb-09, Thu, 16:04	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-76664	2017-Mar-16, Thu, 19:57	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-1277	2018-Jan-02, Tue, 12:53	Clear	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-153366	2018-May-18, Fri, 13:47	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Driving properly
18-159826	2018-May-24, Thu, 09:55	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-168692	2018-May-31, Thu, 17:00	Clear	Sideswipe	P.D. only	North	Dry	Turning left	Municipal transit bus	Other motor vehicle	Driving properly
Comments:					North	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Driving properly

18-175546	2018-Jun-06, Wed,15:52	Clear	Turning movement	Non-fatal injury	North	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
18-206775	2018-Jul-03, Tue,07:56	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-266823	2018-Aug-23, Thu,14:21	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-281268	2018-Sep-05, Wed,07:13	Clear	Rear end	Non-fatal injury	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-298549	2018-Sep-20, Thu,21:01	Clear	Other	P.D. only	East	Dry	Reversing	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
18-307928	2018-Sep-29, Sat,19:26	Clear	Rear end	Non-fatal injury	North	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
18-331840s	2018-Oct-19, Fri,19:00	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-346560s	2018-Nov-02, Fri,16:50	Rain	Turning movement	P.D. only	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-387793	2018-Dec-11, Tue,08:20	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-402986s	2018-Dec-26, Wed,14:10	Clear	Sideswipe	P.D. only	North	Wet	Making "U" turn	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-95425	2018-Mar-15, Thu,16:30	Clear	Angle	P.D. only	East	Dry	Turning left	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-122068s	2019-Apr-12, Fri,14:07	Rain	Angle	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-147166	2019-May-03, Fri,08:00	Rain	SMV other	P.D. only	South	Wet	Turning right	Automobile, station wagon	Pedestrian	
Comments:						Wet				
19-149066	2019-May-04, Sat,19:00	Clear	Rear end	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-150378	2019-May-05, Sun,22:14	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-162730	2019-May-16, Thu,13:36	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-205206s	2019-Jun-18, Tue,22:10	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-215009	2019-Jun-26, Wed,16:32	Clear	Rear end	P.D. only	North	Dry	Turning right	Automobile, station wagon	Cyclist	Other
Comments:					North	Dry	Going ahead	Bicycle	Other motor vehicle	Other
19-239089	2019-Jul-14, Sun,15:24	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper lane change
19-260031	2019-Jul-30, Tue,14:11	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-286388	2019-Aug-19, Mon,18:02	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Truck - tank	Other motor vehicle	Driving properly
19-369956	2019-Oct-26, Sat,11:14	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control

19-383841	2019-Nov-06, Wed, 18:41	Snow	SMV other	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Pedestrian	Improper turn	1
Comments:						Wet					
19-404232s	2019-Nov-24, Sun, 17:52	Clear	Angle	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					East	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly		



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road & Sweetriver Boulevard

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 114

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-11997	2015-Jan-13, Tue,13:33	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-151254	2015-Jun-01, Mon,15:53	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-163452	2015-Jun-12, Fri,21:45	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-16456	2015-Jan-17, Sat,19:11	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-201685	2015-Jul-20, Mon,16:24	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Truck - tractor	Other motor vehicle	Improper lane change	
Comments:					East	Dry	Changing lanes	Passenger van	Other motor vehicle	Driving properly	
15-204299	2015-Jul-22, Wed,19:51	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-208439	2015-Jul-26, Sun,16:23	Clear	Rear end	Non-fatal injury	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-215984	2015-Aug-02, Sun,19:40	Clear	Turning movement	Non-fatal injury	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					South	Dry	Stopped	Motorcycle	Other motor vehicle	Driving properly	
15-230099	2015-Aug-17, Mon,09:40	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

15-242093	2015-Aug-29, Sat,23:42	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-282779	2015-Oct-13, Tue,08:37	Clear	Sideswipe	Non-fatal injury	West	Dry	Changing lanes	Truck - tractor	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-302206	2015-Nov-03, Tue,18:39	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
15-310357	2015-Nov-12, Thu,18:07	Clear	Sideswipe	Non-reportable	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
15-317216	2015-Nov-20, Fri,08:50	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-322598	2015-Nov-26, Thu,19:13	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-331579	2015-Dec-07, Mon,02:55	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-341688	2015-Dec-18, Fri,16:05	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-346372	2015-Dec-24, Thu,10:19	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-347885	2015-Dec-26, Sat,15:46	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-36808	2015-Feb-07, Sat,18:39	Snow	Sideswipe	P.D. only	West	Loose snow	Going ahead	Snow plow	Other motor vehicle	Driving properly
Comments:					West	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

15-48227	2015-Feb-19, Thu,12:50	Clear	Turning movement	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-52360	2015-Feb-23, Mon,16:54	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-55614	2015-Feb-26, Thu,21:15	Clear	Rear end	P.D. only	North	Wet	Going ahead	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-6990	2015-Jan-08, Thu,15:13	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-70454	2015-Mar-13, Fri,21:42	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-115073	2016-Apr-29, Fri,21:40	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-162339	2016-Jun-15, Wed,10:00	Clear	Angle	P.D. only	South	Dry	Merging	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-168949	2016-Jun-21, Tue,17:49	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
16-179160	2016-Jul-02, Sat,12:23	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-181289	2016-Jul-04, Mon,23:08	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
16-184102	2016-Jul-07, Thu,15:28	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-200221	2016-Jul-24, Sun,15:26	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-204301	2016-Jul-28, Thu,21:01	Rain	Angle	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-231543	2016-Aug-26, Fri,15:25	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-259100	2016-Sep-23, Fri,12:56	Clear	Turning movement	Non-fatal injury	North	Dry	Turning right	Automobile, station wagon	Cyclist	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Bicycle	Other motor vehicle	Driving properly
16-284469	2016-Oct-21, Fri,10:12	Rain	Angle	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-286501	2016-Oct-22, Sat,15:00	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-304388	2016-Nov-11, Fri,18:56	Clear	Sideswipe	P.D. only	South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-311297	2016-Nov-19, Sat,15:33	Rain	Angle	Non-fatal injury	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-320590	2016-Nov-29, Tue,17:09	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-339186	2016-Dec-20, Tue,17:49	Clear	Rear end	Non-fatal injury	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-37471	2016-Feb-08, Mon,15:00	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-59460	2016-Mar-03, Thu,23:27	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-72461	2016-Mar-17, Thu,21:22	Rain	Turning movement	P.D. only	East	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-84385	2016-Mar-30, Wed,20:19	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-128400s	2017-May-02, Tue,14:33	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-166870	2017-Jun-08, Thu,21:00	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
17-182719	2017-Jun-23, Fri,16:08	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-194519	2017-Jul-04, Tue,21:26	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-222768	2017-Aug-01, Tue,12:15	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-253560s	2017-Aug-31, Thu,18:13	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-258512	2017-Sep-06, Wed,11:27	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-275784	2017-Sep-24, Sun,10:56	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other

17-307557	2017-Oct-25, Wed,11:49	Clear	Sideswipe	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-315688	2017-Nov-02, Thu,12:40	Rain	Approaching	Non-fatal injury	West	Wet	Going ahead	Passenger van	Other motor vehicle	Lost control
Comments:					East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-325355	2017-Nov-11, Sat,18:48	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-325477	2017-Nov-11, Sat,20:43	Clear	Angle	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-35339	2017-Feb-03, Fri,19:00	Clear	Sideswipe	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change
17-364081s	2017-Dec-20, Wed,12:05	Clear	Rear end	Non-reportable	North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-43807	2017-Feb-11, Sat,14:00	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-49014	2017-Feb-17, Fri,14:20	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly
17-64699	2017-Mar-04, Sat,21:28	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-77704	2017-Mar-17, Fri,17:42	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-118201s	2018-Apr-18, Wed,07:45	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

18-151233s	2018-May-16, Wed,17:07	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-173263	2018-Jun-04, Mon,19:39	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-188793	2018-Jun-17, Sun,13:39	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-197322	2018-Jun-24, Sun,21:06	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
18-208382	2018-Jul-04, Wed,12:30	Clear	Rear end	P.D. only	West	Dry	Going ahead	Passenger van	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Truck - open	Other motor vehicle	Driving properly
18-213644	2018-Jul-08, Sun,17:45	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-238032	2018-Jun-29, Fri,14:31	Rain	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
18-247370	2018-Aug-06, Mon,13:19	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
18-258086	2018-Aug-15, Wed,19:27	Clear	Rear end	Non-fatal injury	West	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-266466	2018-Aug-23, Thu,09:47	Clear	Turning movement	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-296199	2018-Sep-18, Tue,17:28	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

18-317703	2018-Oct-08, Mon,16:46	Fog, mist, smoke, dust	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-318297	2018-Oct-09, Tue,08:56	Clear	SMV other	Non-fatal injury	South	Wet	Turning right	Passenger van	Pedestrian	Failed to yield right-of-way
Comments:						Wet				1
18-322814	2018-Oct-12, Fri,21:42	Rain	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-325619	2018-Oct-15, Mon,14:10	Clear	Turning movement	Non-fatal injury	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
18-331612s	2018-Oct-20, Sat,15:27	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-337797s	2018-Oct-25, Thu,20:37	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
18-344195	2018-Oct-31, Wed,14:48	Rain	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-346723	2018-Nov-02, Fri,19:55	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-349148	2018-Nov-05, Mon,09:00	Rain	Rear end	P.D. only	South	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					South	Wet	Stopped	Pick-up truck	Other motor vehicle	Driving properly
18-373253s	2018-Nov-27, Tue,17:40	Snow	Sideswipe	P.D. only	West	Loose snow	Stopped	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Loose snow	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
18-381814	2018-Dec-05, Wed,18:10	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly

18-399987	2018-Dec-22, Sat,18:18	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly
18-401780s	2018-Dec-24, Mon,17:48	Rain	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-44181	2018-Feb-09, Fri,20:42	Snow	Sideswipe	P.D. only	West	Loose snow	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Loose snow	Going ahead	Truck - tractor	Other motor vehicle	Driving properly
18-69692	2018-Mar-04, Sun,19:18	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-1234	2019-Jan-02, Wed,08:37	Clear	SMV other	P.D. only	East	Dry	Turning left	Automobile, station wagon	Pole (utility, power)	Lost control
Comments:						Dry				
19-164485	2019-May-17, Fri,21:19	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-171630s	2019-May-23, Thu,13:50	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-174290s	2019-May-25, Sat,17:07	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-184339	2019-Jun-02, Sun,20:05	Clear	Sideswipe	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-203776	2019-Jun-18, Tue,09:03	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-287272	2019-Aug-20, Tue,11:53	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other

19-30050	2019-Jan-27, Sun,10:58	Snow	Rear end	P.D. only	East	Slush	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					East	Slush	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-302921	2019-Sep-01, Sun,11:10	Clear	Turning movement	P.D. only	South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-311747s	2019-Sep-08, Sun,15:53	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-312647s	2019-Sep-09, Mon,12:03	Clear	Rear end	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-331090	2019-Sep-24, Tue,20:22	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-33580s	2019-Jan-30, Wed,12:17	Clear	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-38419s	2019-Feb-03, Sun,14:40	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-385591	2019-Nov-08, Fri,08:19	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-404085	2019-Nov-24, Sun,15:04	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-411659s	2019-Dec-01, Sun,14:29	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-429069s	2019-Dec-16, Mon,17:30	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

19-5285s	2019-Jan-05, Sat,17:30	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-56195	2019-Feb-18, Mon,12:50	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-57653	2019-Feb-19, Tue,15:55	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Going ahead	Delivery van	Other motor vehicle	Driving properly
19-59068	2019-Feb-20, Wed,16:37	Snow	Angle	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-76261s	2019-Mar-06, Wed,16:09	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-98989	2019-Mar-25, Mon,12:20	Clear	Other	P.D. only	West	Dry	Reversing	Truck - tractor	Other motor vehicle	Other
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road & Vellore Woods Boulevard

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 55

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-115484	2015-Apr-28, Tue,15:28	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-126353	2015-May-08, Fri,15:08	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-141218	2015-May-22, Fri,14:19	Clear	Turning movement	Non-fatal injury	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-152373	2015-Jun-02, Tue,16:40	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
15-179470	2015-Jun-29, Mon,18:15	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-183593	2015-Jul-03, Fri,21:44	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-20317	2015-Jan-21, Wed,18:52	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-279430	2015-Oct-09, Fri,11:01	Rain	Rear end	P.D. only	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-311095	2015-Nov-13, Fri,14:50	Clear	Approaching	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	

15-323473	2015-Nov-27, Fri,19:00	Rain	Turning movement	Non-fatal injury	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-331664	2015-Dec-07, Mon,08:10	Clear	Turning movement	Non-fatal injury	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
15-332184	2015-Dec-07, Mon,19:40	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-332803	2015-Dec-08, Tue,13:51	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
15-336353	2015-Dec-12, Sat,12:43	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-52888	2015-Feb-24, Tue,09:12	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
15-61669	2015-Mar-05, Thu,08:18	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
16-114028	2016-Apr-28, Thu,21:26	Clear	Turning movement	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-115769	2016-Apr-30, Sat,14:46	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-122775	2016-May-07, Sat,14:12	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
16-132209	2016-May-16, Mon,23:33	Clear	Rear end	Non-fatal injury	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-163775	2016-Jun-16, Thu,16:10	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-194743	2016-Jul-18, Mon,22:43	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-201297	2016-Jul-25, Mon,16:57	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-205025	2016-Jul-29, Fri,15:40	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-229713	2016-Aug-24, Wed,18:42	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
16-271017	2016-Oct-06, Thu,08:15	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Merging	Automobile, station wagon	Other motor vehicle	Driving properly
16-277643	2016-Oct-13, Thu,16:48	Clear	Sideswipe	P.D. only	West	Dry	Slowing or stopping	Police vehicle	Other motor vehicle	Driving properly
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-293791	2016-Oct-31, Mon,14:29	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-309736	2016-Nov-17, Thu,18:30	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-311878	2016-Nov-20, Sun,08:21	Snow	Rear end	P.D. only	West	Slush	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					West	Slush	Stopped	Passenger van	Other motor vehicle	Driving properly
16-311883	2016-Nov-20, Sun,08:21	Snow	Rear end	P.D. only	West	Slush	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Slush	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly

16-5467	2016-Jan-06, Wed,17:55	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly
16-58178	2016-Mar-02, Wed,15:02	Clear	Turning movement	P.D. only	East	Dry	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-72758	2016-Mar-18, Fri,07:26	Clear	Rear end	Non-fatal injury	East	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-275144	2017-Sep-23, Sat,17:18	Clear	Rear end	Non-fatal injury	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-293858	2017-Oct-12, Thu,08:18	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-309822	2017-Oct-27, Fri,15:44	Clear	Rear end	Non-fatal injury	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-358800	2017-Dec-14, Thu,20:35	Clear	Turning movement	P.D. only	West	Dry	Going ahead	Passenger van	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Turning left	Passenger van	Other motor vehicle	Driving properly
18-219748	2018-Jul-13, Fri,22:46	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-225039s	2018-Jul-18, Wed,11:35	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
18-228604	2018-Jul-21, Sat,10:35	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-236082s	2018-Jul-27, Fri,17:42	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

18-241998	2018-Aug-01, Wed,18:02	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-244749	2018-Aug-04, Sat,00:50	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-317889	2018-Oct-08, Mon,21:36	Fog, mist, smoke, dust	Angle	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-385573	2018-Dec-03, Mon,00:18	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-150778s	2019-May-06, Mon,09:30	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-192904	2019-Jun-09, Sun,12:48	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-206968	2019-Jun-20, Thu,14:47	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
19-227683	2019-Jul-05, Fri,15:48	Clear	Rear end	Non-fatal injury	West	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-234404	2019-Jul-10, Wed,21:55	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Truck - tractor	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-31930	2019-Jan-29, Tue,07:46	Snow	Rear end	P.D. only	West	Loose snow	Going ahead	Snow plow	Other motor vehicle	
Comments:					West	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-36320s	2019-Feb-01, Fri,16:59	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

19-39606	2019-Feb-04, Mon,15:55	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Ambulance	Other motor vehicle	Other
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
19-425279	2019-Dec-13, Fri,11:34	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road btwn Exit 33 & Canada's Wonderland Drive

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 21

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-297364	2015-Oct-29, Thu,11:08	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-52883	2015-Feb-24, Tue,09:00	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
16-112285	2016-Apr-27, Wed,06:50	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-129110	2016-May-13, Fri,15:36	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-227238	2016-Aug-22, Mon,08:30	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-232750	2016-Aug-27, Sat,22:02	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-233903	2016-Aug-29, Mon,07:48	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-289399	2016-Oct-26, Wed,16:10	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-306116	2016-Nov-13, Sun,21:40	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	

16-318459	2016-Nov-27, Sun,12:35	Clear	SMV other	P.D. only	East	Dry		Pulling away from shoulder or curb	Automobile, station wagon	Curb	Failed to yield right-of-way
Comments:					East			Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-325606	2016-Dec-05, Mon,10:54	Clear	Sideswipe	P.D. only	West	Wet		Merging	Truck - tractor	Other motor vehicle	Improper lane change
Comments:					West	Wet		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-326303	2016-Dec-06, Tue,02:47	Clear	Turning movement	P.D. only	East	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry		Turning left	Passenger van	Other motor vehicle	Driving properly
16-345629	2016-Dec-29, Thu,03:37	Snow	SMV other	P.D. only	North	Loose snow		Unknown	Automobile, station wagon	Cable guide rail	Lost control
Comments:						Loose snow					
16-54443	2016-Feb-27, Sat,09:02	Clear	Angle	P.D. only	East	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					North	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-218988	2017-Jul-28, Fri,17:35	Clear	Rear end	P.D. only	West	Dry		Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry		Going ahead	Delivery van	Other motor vehicle	Driving properly
17-273978	2017-Sep-22, Fri,14:02	Clear	Rear end	Non-fatal injury	West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-41433	2017-Feb-10, Fri,08:49	Clear	Rear end	Non-fatal injury	West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-174510s	2018-Jun-05, Tue,17:40	Clear	Rear end	P.D. only	West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry		Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-285068	2019-Aug-18, Sun,18:48	Rain	Rear end	P.D. only	East	Wet		Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-322549	2019-Sep-17, Tue,18:33	Clear	Rear end	Non-fatal injury	West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-49255	2019-Feb-12, Tue, 13:00	Snow	Rear end	P.D. only	West	Loose snow	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Loose snow	Slowing or stopping	Truck - tractor	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road btwn Exit 33 & Sweetriver Boulevard

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 46

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-117264	2015-Apr-30, Thu,09:40	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-152466	2015-Jun-02, Tue,18:38	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					West	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly	
15-15685	2015-Jan-16, Fri,23:54	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-164676	2015-Jun-14, Sun,16:25	Rain	Angle	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-172562	2015-Jun-22, Mon,13:48	Clear	Turning movement	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					East	Dry	Turning right	Truck - open	Other motor vehicle	Driving properly	
15-180464	2015-Jun-30, Tue,19:19	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-18273	2015-Jan-19, Mon,17:37	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-45008	2015-Feb-16, Mon,19:37	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-45085	2015-Feb-16, Mon,21:36	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

15-45335	2015-Feb-17, Tue,08:00	Clear	Rear end	P.D. only	West	Ice	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
15-7762	2015-Jan-09, Fri,12:09	Snow	Rear end	P.D. only	West	Ice	Going ahead	Truck - tractor	Other motor vehicle	Lost control
Comments:					West		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-9186	2015-Jan-10, Sat,19:06	Clear	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-98155	2015-Apr-11, Sat,00:30	Clear	SMV other	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Pole (utility, power)	Lost control
Comments:						Dry				
16-153500	2016-Jun-06, Mon,16:09	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-16792	2016-Jan-14, Thu,19:10			P.D. only						
Comments:										
16-191488	2016-Jul-15, Fri,12:12	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-225200	2016-Aug-19, Fri,21:47	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-254583	2016-Sep-18, Sun,22:28	Clear	SMV other	P.D. only	North	Dry	Other	Automobile, station wagon	Other	Other
Comments:										
16-270371	2016-Oct-05, Wed,20:24	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-278214	2016-Oct-14, Fri,10:01	Clear	Rear end	P.D. only	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-285005	2016-Oct-21, Fri,20:19	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly

16-308429	2016-Nov-16, Wed,11:48	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-43031	2016-Feb-14, Sun,16:25	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
16-71285	2016-Mar-16, Wed,15:25	Rain	Angle	Non-fatal injury	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-110175	2017-Apr-15, Sat,16:51	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-200208	2017-Jul-10, Mon,11:33	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-223387	2017-Aug-01, Tue,22:32	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-228342	2017-Aug-06, Sun,18:40	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-314000	2017-Oct-31, Tue,21:34	Clear	Rear end	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-186793	2018-Jun-15, Fri,18:22	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Passenger van	Other motor vehicle	Other
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Other
18-283318	2018-Sep-06, Thu,19:50	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-314368s	2018-Oct-05, Fri,15:55	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					West	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly

18-353061s	2018-Nov-08, Thu,17:05	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
18-354041s	2018-Nov-09, Fri,15:24	Rain	Sideswipe	P.D. only	East	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-368812	2018-Nov-23, Fri,12:58	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-401833s	2018-Dec-24, Mon,18:43	Clear	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-402726	2018-Dec-26, Wed,06:57	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-90756s	2018-Mar-23, Fri,17:40	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West		Stopped	Pick-up truck	Other motor vehicle	Driving properly
19-214643s	2019-Jun-25, Tue,21:05	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-227733	2019-Jul-05, Fri,16:29	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-243594	2019-Jul-17, Wed,21:18	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-329634s	2019-Sep-23, Mon,16:04	Clear	Sideswipe	Non-fatal injury	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	
19-362970	2019-Oct-20, Sun,19:49	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Unknown	Other motor vehicle	Improper passing
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-437213	2019-Dec-24, Tue,08:51	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Truck - tractor	Other motor vehicle	Driving properly
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
19-54346	2019-Feb-16, Sat,18:18	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-79906s	2019-Mar-09, Sat,13:58	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	
Comments:					East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road btwn Julliard Drive & Jane Street

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 14

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuver	Vehicle type	First Event	Driver Action	No. Ped
15-19120	2015-Jan-20, Tue,15:28	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	
15-247521	2015-Sep-04, Fri,16:12	Clear	Sideswipe	Non-fatal injury	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-203630s	2017-Jul-13, Thu,12:30	Rain	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-251416	2017-Aug-29, Tue,15:54	Clear	Rear end	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
Comments:					West	Dry	Going ahead	Delivery van	Other motor vehicle	Driving properly	
17-284176	2017-Oct-02, Mon,19:26	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
17-346719s	2017-Dec-01, Fri,18:30	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle		
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
18-257979	2018-Aug-15, Wed,17:27	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly	
18-281234	2018-Sep-05, Wed,05:45	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Truck - tractor	Other motor vehicle	Improper lane change	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-367986s	2018-Nov-22, Thu,18:01	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	

18-405188s	2018-Dec-28, Fri,17:45	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-203741s	2019-Jun-18, Tue,08:35	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	
19-354257	2019-Oct-13, Sun,19:22	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-429032	2019-Dec-16, Mon,17:00	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
19-88383	2019-Mar-16, Sat,15:04	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road btwn Sweetriver Boulevard & Julliard Drive

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 21

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-286290	2015-Oct-16, Fri,19:29	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Pulling away from shoulder or curb	Automobile, station wagon	Other motor vehicle	Driving properly	
15-287131	2015-Oct-17, Sat,19:51	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-11888	2017-Jan-12, Thu,17:28	Clear	SMV other	P.D. only	South	Wet	Turning right	Automobile, station wagon	Pole (sign, parking meter)	Lost control	
Comments:											
17-189437	2017-Jun-30, Fri,08:06	Rain	Sideswipe	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					West	Wet	Changing lanes	Truck - tractor	Other motor vehicle	Driving properly	
17-189923	2017-Jun-30, Fri,15:13	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-205725	2017-Jul-15, Sat,17:05	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					North	Dry	Going ahead	Moped	Other motor vehicle	Speed too fast for condition	
17-223123	2017-Aug-01, Tue,16:42	Clear	Rear end	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
17-265579	2017-Sep-13, Wed,22:00	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-298662	2017-Oct-16, Mon,20:38	Clear	Angle	P.D. only	West	Dry	Turning right	Truck - closed	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

17-299487	2017-Oct-17, Tue,15:40	Clear	Angle	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East		Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
17-302776	2017-Oct-20, Fri,14:08	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-312850	2017-Oct-30, Mon,19:17	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
17-344527s	2017-Nov-30, Thu,13:30	Rain	Rear end	P.D. only	West	Wet	Slowing or stopping	Pick-up truck	Other motor vehicle	Following too close
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	
17-370562	2017-Dec-28, Thu,21:08	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West		Going ahead	Pick-up truck	Other motor vehicle	Driving properly
18-17704	2018-Jan-17, Wed,12:10	Clear	Angle	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-18223	2018-Jan-17, Wed,21:11	Clear	Angle	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-235174	2018-Jul-26, Thu,23:24	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Passenger van	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-192267	2019-Jun-08, Sat,22:48	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Truck - tractor	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-212658	2019-Jun-24, Mon,21:26	Rain	Sideswipe	P.D. only	West	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-370571	2019-Oct-26, Sat,20:43	Rain	Rear end	Non-fatal injury	East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close

19-431542s	2019-Dec-18, Wed,22:25	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road btwn Vellore Woods Boulevard & Exit 33

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 12

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-43663	2015-Feb-15, Sun,10:28	Clear	Rear end	P.D. only	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-91317	2015-Apr-04, Sat,03:15	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-173680	2016-Jun-26, Sun,11:25	Clear	Rear end	Non-fatal injury	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-188472	2016-Jul-12, Tue,12:13	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:					West	Dry	Changing lanes	Truck - tractor	Other motor vehicle	Driving properly	
16-229284	2016-Aug-24, Wed,10:53	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-242179	2016-Sep-06, Tue,10:11	Clear	SMV other	P.D. only	East	Dry	Going ahead	Pick-up truck	Ran off road	Lost control	
Comments:					East	Dry	Unknown	Unknown	Other	Other	
16-274799	2016-Oct-10, Mon,17:26	Clear	Turning movement	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
16-41946	2016-Feb-13, Sat,08:27	Clear	SMV other	P.D. only	East	Ice	Changing lanes	Automobile, station wagon	Other	Driving properly	
Comments:						Wet					
17-287100	2017-Oct-05, Thu,14:37	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

18-143373	2018-May-09, Wed, 19:30	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Police vehicle	Other motor vehicle	Driving properly
19-326250	2019-Sep-20, Fri, 17:38	Clear	Rear end	Non-fatal injury	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-58781	2019-Feb-20, Wed, 13:26	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Rutherford Road btwn Weston Road & Vellore Woods Boulevard

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 71

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-126456	2015-May-08, Fri,16:21	Clear	SMV other	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Tree, shrub, stump	Driving properly	
Comments:						Dry					
15-152367	2015-Jun-02, Tue,16:32	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-153491	2015-Jun-03, Wed,17:18	Clear	SMV other	Non-fatal injury	East	Dry	Turning right	Automobile, station wagon	Pedestrian	Improper turn	
Comments:						Dry					
15-16086	2015-Jan-17, Sat,11:44	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-169566	2015-Jun-19, Fri,14:55	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
15-209566	2015-Jul-27, Mon,17:45	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-251067	2015-Sep-08, Tue,15:20	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-278781	2015-Oct-08, Thu,15:20	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-305889	2015-Nov-07, Sat,18:15	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	

15-76589	2015-Mar-20, Fri,12:30	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-94315	2015-Apr-07, Tue,09:00	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-136169	2016-May-20, Fri,19:11	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-168852	2016-Jun-21, Tue,16:06	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-173014	2016-Jun-25, Sat,16:30	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-195462	2016-Jul-19, Tue,17:39	Clear	Sideswipe	P.D. only	West	Dry	Overtaking	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
16-265619	2016-Sep-30, Fri,17:05	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-265711	2016-Sep-30, Fri,19:16	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-297893	2016-Nov-04, Fri,17:07	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-304988	2016-Nov-12, Sat,12:31	Clear	Turning movement	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-306693	2016-Nov-14, Mon,14:38	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-310720	2016-Nov-18, Fri,20:32	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-347100	2016-Dec-30, Fri,20:50	Clear	SMV other	P.D. only	West	Dry	Turning right	Automobile, station wagon	Ran off road	Speed too fast for condition
Comments:										
16-77575	2016-Mar-23, Wed,18:03	Rain	Turning movement	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-169630	2017-Jun-11, Sun,15:10	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-183438	2017-Jun-24, Sat,10:00	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-184124	2017-Jun-24, Sat,22:51	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-18772	2017-Jan-19, Thu,17:33	Clear	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-218879	2017-Jul-28, Fri,15:16	Clear	Sideswipe	P.D. only	West	Dry	Merging	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly
17-222846	2017-Aug-01, Tue,13:18	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-225706s	2017-Aug-09, Wed,23:02	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-231683	2017-Aug-09, Wed,23:05	Clear	Angle	P.D. only	East	Dry	Going ahead	Unknown	Other motor vehicle	Other
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly

17-246662	2017-Aug-24, Thu,16:49	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-262207	2017-Sep-10, Sun,13:35	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-27179	2017-Jan-27, Fri,19:30	Clear	Angle	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-30336	2017-Jan-30, Mon,19:41	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-309962	2017-Oct-27, Fri,20:45	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-342116	2017-Nov-28, Tue,13:39	Clear	Angle	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-344346	2017-Nov-30, Thu,12:19	Rain	Angle	Non-fatal injury	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-370403	2017-Dec-28, Thu,17:20	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-37631	2017-Feb-06, Mon,16:48	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Truck - dump	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-37745s	2017-Feb-03, Fri,13:00	Clear	Sideswipe	P.D. only	East	Dry	Other	Pick-up truck	Other motor vehicle	Other
Comments:					East		Other	Automobile, station wagon	Other motor vehicle	Other
17-85821s	2017-Mar-25, Sat,13:12	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

18-105375	2018-Apr-05, Thu, 17:19	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-110624	2018-Apr-10, Tue, 15:16	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
18-134951	2018-May-02, Wed, 17:32	Clear	Sideswipe	P.D. only	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-170646	2018-Jun-02, Sat, 10:51	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
18-175703	2018-Jun-06, Wed, 18:10	Clear	Approaching	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-181522	2018-Jun-11, Mon, 16:06	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-218367s	2018-Jul-12, Thu, 18:50	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-265664	2018-Aug-22, Wed, 16:00	Clear	Angle	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-268244	2018-Aug-24, Fri, 19:08	Clear	Turning movement	P.D. only	East	Dry	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-275276	2018-Aug-30, Thu, 21:13	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-300632	2018-Sep-22, Sat, 20:43	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

18-337718	2018-Oct-25, Thu, 19:23	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-369831	2018-Nov-24, Sat, 11:46	Rain	Sideswipe	P.D. only	East	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Municipal transit bus	Other motor vehicle	Driving properly
18-391612	2018-Dec-14, Fri, 16:17	Rain	Turning movement	Non-fatal injury	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
18-394622	2018-Dec-17, Mon, 15:45	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Truck - tractor	Other motor vehicle	Driving properly
18-65112	2018-Feb-28, Wed, 16:20	Clear	Turning movement	Non-fatal injury	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-94447	2018-Mar-27, Tue, 07:19	Clear	Turning movement	P.D. only	West	Dry	Turning left	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
19-178786s	2019-May-25, Sat, 19:30	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-181903	2019-May-31, Fri, 17:23	Clear	Rear end	P.D. only	West	Dry	Going ahead	Delivery van	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-21876	2019-Jan-19, Sat, 17:43	Snow	SMV other	P.D. only	West	Packed snow	Turning right	Automobile, station wagon	Curb	Driving properly
Comments:						Packed snow				
19-255111	2019-Jul-26, Fri, 15:36	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-295630s	2019-Aug-26, Mon, 19:43	Clear	Angle	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

19-305529s	2019-Sep-03, Tue,15:17	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-308405	2019-Sep-05, Thu,18:47	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Other
Comments:					West		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-344317s	2019-Oct-13, Sun,15:27	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Delivery van	Other motor vehicle	Driving properly
19-352922	2019-Oct-12, Sat,15:54	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-39901	2019-Feb-04, Mon,20:35	Rain	Sideswipe	P.D. only	East	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-436457	2019-Dec-23, Mon,15:00	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Truck - tractor	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-53100	2019-Feb-15, Fri,19:12	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road & Astona Boulevard

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 17

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-150415	2015-May-31, Sun,19:20	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
Comments:					North	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-158222	2015-Jun-08, Mon,10:13	Rain	Rear end	Non-fatal injury	East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Other	
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-21360	2015-Jan-22, Thu,18:21	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-253291	2015-Sep-10, Thu,20:19	Clear	Rear end	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-298143	2015-Oct-30, Fri,08:25	Rain	Turning movement	Non-fatal injury	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Other	
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-321748	2015-Nov-25, Wed,18:20	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-257383	2016-Sep-21, Wed,17:59	Clear	Turning movement	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly	
16-259818	2016-Sep-24, Sat,08:33	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-276205	2016-Oct-12, Wed,08:00	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Delivery van	Other motor vehicle	Lost control	
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	

17-285175	2017-Oct-03, Tue,18:12	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-17970	2018-Jan-17, Wed,15:45	Clear	Angle	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
18-240183s	2018-Jul-31, Tue,10:30	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					North	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Driving properly
18-368715	2018-Nov-23, Fri,11:30	Clear	SMV other	Non-fatal injury	North	Dry	Turning left	Delivery van	Pedestrian	Failed to yield right-of- 1 way
Comments:						Dry				
18-383312	2018-Dec-07, Fri,00:26	Snow	SMV other	P.D. only	West	Wet	Unknown	Automobile, station wagon	Pole (utility, power)	Lost control
Comments:						Wet				
19-154883	2019-May-09, Thu,15:33	Clear	SMV other	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other	Lost control
Comments:	other					Dry				
19-203961	2019-Jun-18, Tue,11:13	Clear	Rear end	Non-fatal injury	South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-277826	2019-Aug-13, Tue,08:25	Clear	Other	P.D. only	North	Dry	Pulling onto shoulder or toward curb	Automobile, station wagon	Ran off road	Lost control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Debris falling off vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road & Greenpark Boulevard/Crestmount Boulevard

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 19

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-17837	2015-Jan-19, Mon,09:47	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-183893	2015-Jul-04, Sat,08:04	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					North	Dry	Stopped	Delivery van	Other motor vehicle	Driving properly	
15-194890	2015-Jul-14, Tue,13:46	Rain	Turning movement	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
					West	Wet	Turning left	Pick-up truck	Other motor vehicle	Driving properly	
15-235245	2015-Aug-22, Sat,15:51	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-289618	2015-Oct-20, Tue,18:09	Rain	Rear end	P.D. only	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
15-323594	2015-Nov-27, Fri,22:24	Clear	Rear end	Non-fatal injury	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control	
					South	Wet	Stopped	Pick-up truck	Other motor vehicle	Driving properly	
16-211343	2016-Aug-05, Fri,12:34	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
16-282533	2016-Oct-19, Wed,08:51	Clear	Angle	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-92764	2016-Apr-08, Fri,11:52	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

17-240268	2017-Aug-18, Fri,11:03	Clear	Turning movement	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Pick-up truck	Other motor vehicle	Driving properly
17-316788s	2017-Nov-03, Fri,13:23	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
17-50983	2017-Feb-19, Sun,15:19	Clear	Rear end	P.D. only	South	Dry	Going ahead	Delivery van	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-178130s	2018-Jun-08, Fri,17:22	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-2310	2018-Jan-03, Wed,11:10	Clear	Sideswipe	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-366730	2018-Nov-21, Wed,14:31	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-373229s	2018-Nov-20, Tue,17:15	Snow	Turning movement	P.D. only	East	Loose snow	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-247037	2019-Jul-20, Sat,14:23	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-269510	2019-Aug-06, Tue,20:06	Clear	Turning movement	P.D. only	North	Dry	Turning left	Pick-up truck	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-65061	2019-Feb-25, Mon,11:28	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road & Langstaff Road

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 71

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-114949	2015-Apr-28, Tue,06:54	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-127137	2015-May-09, Sat,10:02	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Speed too fast for condition	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-158740	2015-Jun-08, Mon,20:47	Clear	Turning movement	P.D. only	South	Dry	Turning left	Truck-other	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control	
15-201816	2015-Jul-20, Mon,18:43	Clear	Rear end	P.D. only	West	Dry	Going ahead	Truck - dump	Other motor vehicle	Following too close	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-205738	2015-Apr-18, Sat,15:51	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-210592	2015-Jul-28, Tue,16:54	Clear	Turning movement	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-212279	2015-Jul-30, Thu,07:45	Clear	Rear end	P.D. only	East	Dry	Going ahead	Delivery van	Other motor vehicle	Following too close	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-264198	2015-Sep-22, Tue,18:35	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition	
					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-292001	2015-Oct-23, Fri,10:27	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Driving properly	

15-298537	2015-Oct-30, Fri, 15:35	Clear	Turning movement	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-308963	2015-Nov-11, Wed, 10:53	Rain	Turning movement	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-332963	2015-Dec-08, Tue, 16:29	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-75981	2015-Mar-18, Wed, 14:00			P.D. only						
Comments:										
15-87815	2015-Mar-31, Tue, 16:50	Clear	Turning movement	Non-fatal injury	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-116505	2016-May-01, Sun, 13:11	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-124045	2016-May-09, Mon, 06:40	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-157215	2016-Jun-10, Fri, 10:34	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-157657	2016-Jun-10, Fri, 17:27	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-172164	2016-Jun-24, Fri, 18:53	Clear	Turning movement	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-19224	2016-Jan-20, Wed, 17:33	Clear	Rear end	P.D. only	North	Dry	Changing lanes	Pick-up truck	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

16-203602	2016-Jul-26, Tue,06:49	Clear	Rear end	P.D. only	West	Dry	Going ahead	Delivery van	Other motor vehicle	Speed too fast for condition
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-211480	2016-Aug-05, Fri,15:32	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Truck - open	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-250171	2016-Sep-14, Wed,11:00	Clear	Rear end	P.D. only	North	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly
Comments:					North	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-264624	2016-Sep-29, Thu,16:40	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
16-276587	2016-Oct-12, Wed,14:30	Clear	Turning movement	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning right	Delivery van	Other motor vehicle	Driving properly
16-302290	2016-Nov-09, Wed,17:16	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-308032	2016-Nov-15, Tue,22:27	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-309306	2016-Nov-17, Thu,11:17	Clear	Turning movement	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
16-330013	2016-Dec-09, Fri,17:19	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-334239	2016-Dec-14, Wed,17:56	Clear	Turning movement	Non-fatal injury	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-346693	2016-Dec-30, Fri,11:45	Clear	Angle	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-5994	2016-Jan-07, Thu,09:31	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-71838	2016-Mar-17, Thu,08:29	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Truck - open	Other motor vehicle	Other
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
17-120085s	2017-Apr-24, Mon,18:30	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-159167s	2017-Jun-01, Thu,16:11	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-172894	2017-Jun-14, Wed,15:30	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-240284	2017-Aug-18, Fri,11:15	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other
Comments:					North	Dry	Slowing or stopping	Passenger van	Other motor vehicle	Driving properly
17-281860	2017-Sep-30, Sat,11:01	Clear	Rear end	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
17-28846	2017-Jan-29, Sun,10:13	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-303781	2017-Oct-21, Sat,13:25	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Delivery van	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-334014	2017-Nov-20, Mon,15:55	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
17-340530	2017-Nov-27, Mon,06:20	Clear	Turning movement	P.D. only	South	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly

17-49952	2017-Feb-18, Sat, 14:28	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Slowing or stopping	Delivery van	Other motor vehicle	Driving properly
17-60372s	2017-Feb-28, Tue, 17:32	Clear	Angle	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Delivery van	Other motor vehicle	Driving properly
17-85534s	2017-Mar-25, Sat, 06:55	Rain	Angle	P.D. only	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
18-182074	2018-Jun-12, Tue, 06:55	Clear	Rear end	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
18-191079	2018-Jun-19, Tue, 14:00	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Other
18-194936	2018-Jun-22, Fri, 15:40	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-20848	2018-Jan-19, Fri, 21:00	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-231709	2018-Jul-24, Tue, 07:35	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
18-233173	2018-Jul-25, Wed, 11:39	Clear	SMV other	Non-fatal injury	South	Dry	Turning right	Automobile, station wagon	Pedestrian	Failed to yield right-of-way
Comments:						Dry				1
18-280806	2018-Sep-04, Tue, 16:20	Clear	Sideswipe	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Truck - closed	Other motor vehicle	Driving properly
18-353859s	2018-Nov-09, Fri, 12:16	Rain	Sideswipe	P.D. only	West	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

18-369505	2018-Nov-24, Sat,02:46	Clear	SMV other	P.D. only	West	Wet	Turning left	Automobile, station wagon	Ran off road	Lost control
Comments:						Wet				
18-369893s	2018-Nov-24, Sat,13:01	Rain	Angle	P.D. only	West	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:						North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle
18-44913	2018-Feb-10, Sat,15:00	Snow	Rear end	P.D. only	North	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:						North	Loose snow	Stopped	Automobile, station wagon	Other motor vehicle
19-101548s	2019-Mar-27, Wed,11:35	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:						North	Dry	Stopped	Pick-up truck	Other motor vehicle
19-107952s	2019-Apr-01, Mon,18:25	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	
Comments:						East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle
19-122512	2019-Apr-12, Fri,22:01	Clear	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:						West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle
19-148526	2019-May-04, Sat,10:42	Rain	Turning movement	Non-fatal injury	South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:						North	Wet	Going ahead	Pick-up truck	Other motor vehicle
19-181752	2019-May-31, Fri,15:26	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:						West	Dry	Stopped	Automobile, station wagon	Other motor vehicle
19-225037	2019-Jul-03, Wed,17:59	Clear	Angle	Non-fatal injury	South	Dry	Turning right	Automobile, station wagon	Cyclist	Failed to yield right-of-way
Comments:						East	Dry	Going ahead	Bicycle	Other motor vehicle
19-233641	2019-Jul-10, Wed,12:06	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:						South	Dry	Stopped	Automobile, station wagon	Other motor vehicle
19-275745	2019-Aug-11, Sun,13:41	Clear	SMV other	Non-fatal injury	West	Dry	Turning right	Pick-up truck	Pedestrian	Driving properly
Comments:							Dry			

19-309836	2019-Sep-06, Fri,13:00	Rain	Sideswipe	Non-reportable	West	Wet	Stopped	Fire vehicle	Other motor vehicle	Driving properly
Comments:					West	Wet	Going ahead	Truck - tractor	Other motor vehicle	Improper passing
19-324402	2019-Sep-19, Thu,08:58	Clear	Rear end	Non-fatal injury	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
19-338389	2019-Sep-30, Mon,22:14	Clear	Turning movement	Non-fatal injury	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-340214s	2019-Oct-02, Wed,10:45	Rain	Rear end	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-348152	2019-Oct-08, Tue,20:20	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-348204	2019-Oct-08, Tue,20:20	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-439780s	2019-Dec-24, Tue,12:40	Clear	Sideswipe	P.D. only	West	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road & Rutherford Road

Municipality..... Vaughan

Traffic Control.... Traffic signal

Total Collisions.... 155

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-112392	2015-Apr-25, Sat,12:48	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-132382	2015-May-14, Thu,11:31	Clear	Rear end	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-137927	2015-May-19, Tue,14:38	Clear	Rear end	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Lost control	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-142140	2015-May-23, Sat,12:19	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
15-154758	2015-Jun-03, Wed,11:30	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-163446	2015-Jun-13, Sat,12:35	Clear	Sideswipe	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-167852	2015-Jun-17, Wed,17:00	Clear	Angle	P.D. only	West	Dry	Pulling away from shoulder or curb	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-183049	2015-Jul-03, Fri,12:08	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-193423	2015-Jul-11, Sat,22:00	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	

15-20186	2015-Jan-21, Wed,16:03	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-202260	2015-Jul-21, Tue,08:56	Clear	Rear end	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-214516	2015-Aug-01, Sat,10:34	Clear	Turning movement	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Improper passing
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-217796	2015-Aug-04, Tue,16:40	Clear	Turning movement	P.D. only	North	Dry	Turning right	Passenger van	Other motor vehicle	Other
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-224320	2015-Aug-11, Tue,12:35	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-248285	2015-Sep-05, Sat,12:24	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-253161	2015-Sep-10, Thu,17:25	Clear	Angle	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Motorcycle	Other motor vehicle	Driving properly
15-254028	2015-Sep-11, Fri,15:59	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
15-259668	2015-Sep-17, Thu,19:50	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-290034	2015-Oct-21, Wed,07:15	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-299684	2015-Oct-31, Sat,23:55	Rain	Turning movement	Non-fatal injury	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

15-313527	2015-Nov-16, Mon,12:59	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-315804	2015-Nov-18, Wed,18:48	Rain	Turning movement	Non-fatal injury	North	Wet	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-334055	2015-Dec-09, Wed,20:47	Clear	Rear end	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-350615	2015-Dec-30, Wed,19:50	Clear	Sideswipe	P.D. only	East	Wet	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Wet	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
15-36679	2015-Jan-31, Sat,16:07	Snow	Sideswipe	Non-fatal injury	South	Packed snow	Changing lanes	Pick-up truck	Other motor vehicle	Improper lane change
Comments:					South	Packed snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-49723	2015-Feb-20, Fri,18:15	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
15-55801	2015-Feb-27, Fri,07:38	Clear	Rear end	P.D. only	South	Dry	Slowing or stopping	Unknown	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Driving properly
15-62146	2015-Mar-05, Thu,15:54	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
15-64854	2015-Mar-08, Sun,11:28			P.D. only						
Comments:										
15-82690	2015-Mar-26, Thu,18:05	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
15-91818	2015-Apr-04, Sat,16:19	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

16-1059	2016-Jan-01, Fri,21:15	Clear	Rear end	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-126257	2016-May-11, Wed,07:35	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-129270	2016-May-13, Fri,18:25	Clear	Rear end	P.D. only	West	Dry	Going ahead	Passenger van	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
16-132973	2016-May-16, Mon,18:00	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-13939	2016-Jan-15, Fri,13:32	Clear	Angle	Non-fatal injury	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Wet	Going ahead	Delivery van	Other motor vehicle	Driving properly
16-139857	2016-May-24, Tue,12:37	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-153738	2016-Jun-06, Mon,21:26	Clear	Turning movement	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Other
16-155649	2016-Jun-08, Wed,17:40	Clear	Turning movement	P.D. only	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-171679	2016-Jun-24, Fri,10:18	Clear	Rear end	Non-fatal injury	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-172965	2016-Jun-25, Sat,15:45	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-174380	2016-Jun-27, Mon,09:44	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

16-182126	2016-Jul-05, Tue,17:57	Clear	Turning movement	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
16-185958	2016-Jul-09, Sat,17:13	Clear	Rear end	Non-fatal injury	East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-201226	2016-Jul-25, Mon,16:57	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-202902	2016-Jul-25, Mon,11:38	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-204990	2016-Jul-29, Fri,15:00	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North		Stopped	Automobile, station wagon	Other motor vehicle	Following too close
16-205887	2016-Jul-30, Sat,14:52	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-21339	2016-Jan-22, Fri,17:36			P.D. only						
Comments:										
16-223175	2016-Aug-17, Wed,20:39	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-229430	2016-Aug-24, Wed,13:05	Clear	Rear end	Non-fatal injury	South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-244539	2016-Sep-07, Wed,20:07	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-252718	2016-Sep-16, Fri,18:48	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-25419	2016-Jan-26, Tue,22:03			P.D. only						
Comments:										

16-261551	2016-Sep-26, Mon,08:35	Clear	Rear end	P.D. only	North	Dry	Going ahead	Truck - open	Other motor vehicle	Other
Comments:					North	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly
16-261789	2016-Sep-26, Mon,13:58	Rain	Turning movement	P.D. only	West	Wet	Turning left	Tow truck	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-262662	2016-Sep-27, Tue,14:20	Clear	Turning movement	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-266446	2016-Oct-01, Sat,17:21	Rain	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-292395	2016-Oct-29, Sat,22:40	Clear	Sideswipe	P.D. only	West	Dry	Merging	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-297541	2016-Nov-04, Fri,10:22	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-307828	2016-Nov-15, Tue,17:43	Clear	Rear end	P.D. only	South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-308809	2016-Nov-16, Wed,21:37	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-310630	2016-Nov-18, Fri,18:38	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-31084	2016-Feb-01, Mon,20:15	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-317146	2016-Nov-26, Sat,00:40	Rain	Sideswipe	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Other

16-319519	2016-Nov-28, Mon,15:08	Clear	Sideswipe	P.D. only	South	Dry	Overtaking	Truck - tractor	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-333876	2016-Dec-14, Wed,11:02	Clear	Sideswipe	P.D. only	West	Dry	Overtaking	Delivery van	Other motor vehicle	Improper passing
Comments:					West	Dry	Stopped	Intercity bus	Other motor vehicle	Driving properly
16-341568s	2016-Dec-23, Fri,12:18	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-347081	2016-Dec-30, Fri,20:10	Clear	Turning movement	P.D. only	West	Dry	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-42425	2016-Feb-13, Sat,20:38	Clear	Rear end	P.D. only	South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-53396	2016-Feb-26, Fri,07:25	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-66753	2016-Mar-11, Fri,17:32	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing
16-76644	2016-Mar-22, Tue,20:44	Rain	Rear end	P.D. only	West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
16-88851	2016-Apr-04, Mon,15:42	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-97118	2016-Apr-12, Tue,16:30	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Ambulance	Other motor vehicle	Following too close
Comments:					South	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
17-106207s	2017-Apr-12, Wed,09:48	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

17-113195s	2017-Apr-18, Tue,13:33	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-120783s	2017-Apr-23, Sun,23:50	Clear	Angle	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-127894	2017-May-02, Tue,07:19	Clear	Sideswipe	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
17-167996	2017-Jun-09, Fri,23:20	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Pick-up truck	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-193395	2017-Jul-03, Mon,21:30	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Exceeding speed limit
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-197656	2017-Jul-07, Fri,17:57	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-206468	2017-Jul-15, Sat,10:00	Clear	Rear end	P.D. only	East	Dry	Going ahead	Passenger van	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-207625	2017-Jul-17, Mon,17:11	Clear	Angle	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-235583	2017-Aug-13, Sun,21:56	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-245437	2017-Aug-22, Tue,22:00	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-26519	2017-Jan-27, Fri,08:40	Clear	Angle	P.D. only	East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly

17-268370	2017-Sep-16, Sat,14:30	Clear	Angle	Non-fatal injury	East	Dry	Going ahead	Automobile, station wagon	Cyclist	Failed to yield right-of-way
Comments:					North		Going ahead	Bicycle	Other motor vehicle	Other
17-302974s	2017-Oct-20, Fri,17:08	Clear	Sideswipe	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-30322	2017-Jan-30, Mon,19:19	Clear	Sideswipe	Non-fatal injury	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-326628	2017-Nov-13, Mon,07:23	Clear	Turning movement	Non-fatal injury	North	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-343996	2017-Nov-30, Thu,07:16	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:	stopped abruptly				South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-351133	2017-Dec-06, Wed,19:41	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-351868	2017-Dec-07, Thu,14:47	Clear	Sideswipe	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
Comments:					East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
17-366332s	2017-Dec-22, Fri,17:30	Snow	Turning movement	P.D. only	East	Loose snow	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-368251	2017-Dec-26, Tue,07:38	Clear	Angle	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-371156s	2017-Dec-29, Fri,15:51	Snow	Turning movement	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-371265s	2017-Dec-29, Fri,17:45	Snow	Turning movement	P.D. only	South	Loose snow	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					North	Loose snow	Going ahead	Automobile, station wagon	Other motor vehicle	

17-57094	2017-Feb-25, Sat,12:31	Clear	Rear end	P.D. only	East	Dry	Going ahead	Unknown	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-81442	2017-Mar-21, Tue,11:14	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-88405	2017-Mar-27, Mon,23:35	Rain	Rear end	P.D. only	West	Wet	Unknown	Unknown	Other motor vehicle	Speed too fast for condition
Comments:					West	Wet	Turning right	Automobile, station wagon	Other motor vehicle	Driving properly
17-96703	2017-Apr-04, Tue,06:47	Rain	Turning movement	P.D. only	East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-98453	2017-Apr-05, Wed,15:55	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-128355s	2018-Apr-26, Thu,19:30	Clear	Rear end	P.D. only	East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-133850	2018-May-01, Tue,17:22	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-140744	2018-May-07, Mon,14:54	Clear	Rear end	Non-fatal injury	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-207353	2018-Jul-03, Tue,15:36	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					West	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
18-218378	2018-Jul-12, Thu,19:00	Clear	Rear end	P.D. only	West	Dry	Going ahead	Truck - tractor	Other motor vehicle	Following too close
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
18-222997s	2018-Jul-12, Thu,22:45	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

18-225935	2018-Jul-19, Thu,06:51	Clear	Rear end	P.D. only	East	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
18-24966	2018-Jan-24, Wed,06:08	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly
18-284484	2018-Sep-07, Fri,20:18	Clear	Rear end	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Lost control
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-300301	2018-Sep-22, Sat,14:56	Clear	Angle	Non-fatal injury	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
18-313422	2018-Oct-04, Thu,18:27	Clear	Angle	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-314582	2018-Oct-05, Fri,19:52	Clear	Angle	P.D. only	West	Dry	Turning right	Pick-up truck	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-32997s	2018-Jan-31, Wed,06:59	Clear	Rear end	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-330675	2018-Oct-19, Fri,21:01	Clear	SMV other	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Pedestrian	Failed to yield right-of- 1 way
Comments:						Dry				
18-330734	2018-Oct-19, Fri,22:00	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-345282	2018-Nov-01, Thu,13:32	Rain	Turning movement	Non-fatal injury	South	Wet	Stopped	Unknown	Other motor vehicle	Improper turn
Comments:					East	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-354979	2018-Nov-10, Sat,12:43	Clear	Angle	P.D. only	North	Dry	Turning left	Unknown	Other motor vehicle	Improper turn
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

18-363582	2018-Nov-18, Sun,18:40	Clear	Rear end	P.D. only	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-367954	2018-Nov-22, Thu,17:25	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-377158s	2018-Nov-30, Fri,16:30	Clear	Rear end	P.D. only	West	Dry	Unknown	Automobile, station wagon	Other motor vehicle	
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	
18-389653	2018-Dec-12, Wed,20:25	Clear	Rear end	Non-fatal injury	West	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-392486	2018-Dec-15, Sat,12:37	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-396887s	2018-Dec-19, Wed,18:34	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-397843	2018-Dec-20, Thu,17:09	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Other
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
18-50285	2018-Feb-15, Thu,13:01	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-50635	2018-Feb-15, Thu,18:37	Clear	Rear end	P.D. only	West	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Wet	Going ahead	Truck - open	Other motor vehicle	Driving properly
18-82966	2018-Mar-15, Thu,19:30	Clear	Rear end	Non-fatal injury	South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-103087s	2019-Mar-28, Thu,12:35	Rain	Rear end	P.D. only	East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Wet	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

19-107901s	2019-Apr-01, Mon,17:20	Clear	Turning movement	P.D. only	West	Dry	Turning left	Delivery van	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-129268s	2019-Apr-18, Thu,10:36	Clear	Rear end	P.D. only	East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					East	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-141360	2019-Apr-28, Sun,07:51	Clear	Angle	Non-fatal injury	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Disobeyed traffic control
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-157143	2019-May-11, Sat,15:49	Clear	Rear end	Non-fatal injury	West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-176680	2019-May-27, Mon,16:14	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Bus (other)	Other motor vehicle	Improper turn
Comments:					South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-176829	2019-May-27, Mon,19:07	Clear	Turning movement	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-212930s	2019-Jun-25, Tue,07:03	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-217635s	2019-Jun-28, Fri,13:46	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-225110	2019-Jul-03, Wed,19:42	Clear	Rear end	P.D. only	East	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-27300s	2019-Jan-24, Thu,15:30	Clear	Turning movement	P.D. only	West	Wet	Turning left	Passenger van	Other motor vehicle	Driving properly
Comments:					East	Wet	Going ahead	Passenger van	Other motor vehicle	Driving properly
19-29149	2019-Jan-25, Fri,13:30	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Delivery van	Other motor vehicle	Other
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly

19-291953	2019-Aug-23, Fri,17:45	Clear	Rear end	P.D. only	West	Dry	Going ahead	Truck - dump	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-295719	2019-Aug-26, Mon,21:12	Clear	Sideswipe	Non-fatal injury	North	Dry	Turning left	Automobile, station wagon	Cyclist	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Bicycle	Other motor vehicle	Driving properly
19-296832	2019-Aug-27, Tue,18:20	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-325215	2019-Sep-19, Thu,20:09	Clear	Rear end	P.D. only	West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-325452	2019-Sep-19, Thu,20:10	Clear	Rear end	P.D. only	West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
19-342157	2019-Oct-03, Thu,20:34	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					North	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly
19-351661s	2019-Oct-11, Fri,14:02	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	
19-356939	2019-Oct-15, Tue,23:17	Clear	Sideswipe	P.D. only	West	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Going ahead	Delivery van	Other motor vehicle	Driving properly
19-373742s	2019-Oct-29, Tue,12:20	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-376492	2019-Oct-31, Thu,15:55	Rain	Turning movement	Non-fatal injury	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-382639s	2019-Nov-05, Tue,19:53	Clear	Angle	P.D. only	South	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					West	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly

19-434680	2019-Dec-21, Sat,20:49	Clear	Turning movement	P.D. only	West	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					East	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-436851	2019-Dec-23, Mon,21:28	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road & Valeria Boulevard

Municipality..... Vaughan

Traffic Control.... Stop sign

Total Collisions.... 17

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-248880	2015-Sep-06, Sun,02:44	Clear	SMV other	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Pole (utility, power)	Other	
Comments:						Dry					
15-54346	2015-Feb-25, Wed,12:30	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:						North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
15-72969	2015-Mar-16, Mon,15:40	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:						South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-160668	2016-Jun-13, Mon,17:30	Clear	Sideswipe	Non-fatal injury	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change	
Comments:						North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other
16-298015	2016-Nov-04, Fri,19:16	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other	
Comments:						North		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-300440	2016-Nov-07, Mon,15:59	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:						North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
16-56246	2016-Feb-29, Mon,10:48	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:						South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-7581	2016-Jan-08, Fri,19:39	Clear	Turning movement	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:						North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
17-181539	2017-Jun-22, Thu,13:30	Clear	Turning movement	Non-fatal injury	South	Dry	Going ahead	Truck-other	Other motor vehicle	Improper turn	
Comments:						North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Other

17-262451	2017-Sep-10, Sun,19:30	Clear	Angle	Non-fatal injury	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-280735	2017-Sep-29, Fri,07:19	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-308380	2017-Oct-26, Thu,08:35	Clear	Angle	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-70283	2017-Mar-10, Fri,09:06	Clear	SMV other	P.D. only	North	Dry	Turning left	Automobile, station wagon	Pole (sign, parking meter)	Improper turn
Comments:						Dry				
18-343011	2018-Oct-30, Tue,14:10	Clear	Rear end	Non-fatal injury	North	Dry	Slowing or stopping	School bus	Other motor vehicle	Lost control
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-65355	2018-Feb-28, Wed,20:59	Clear	Sideswipe	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Ran off road	Improper turn
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-111755	2019-Apr-04, Thu,15:47	Clear	Angle	Non-fatal injury	East	Dry	Turning right	Automobile, station wagon	Cyclist	Disobeyed traffic control
Comments:					North	Dry	Going ahead	Bicycle	Other motor vehicle	Driving properly
19-402240	2019-Nov-22, Fri,19:42	Clear	Angle	P.D. only	East	Dry	Turning right	Passenger van	Other motor vehicle	Failed to yield right-of- way
Comments:					South	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road btwn Astona Boulevard & Rutherford Road

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 36

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-161865	2015-Jun-11, Thu,18:27	Clear	Turning movement	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing	
					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
15-209692	2015-Jul-27, Mon,17:15	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn	
					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-313729	2015-Nov-16, Mon,16:30	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Lost control	
					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
15-316731	2015-Nov-19, Thu,16:35	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-107604	2016-Apr-22, Fri,15:30	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-123550	2016-May-08, Sun,14:23	Clear	Rear end	Non-fatal injury	South	Wet	Going ahead	Passenger van	Other motor vehicle	Lost control	
					South	Wet	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
16-142347	2016-May-26, Thu,18:52	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-191724	2016-Jul-15, Fri,15:00	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					South		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
16-217180	2016-Aug-11, Thu,16:03	Clear	Turning movement	P.D. only	West	Dry	Turning left	Passenger van	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

16-248934	2016-Sep-13, Tue,09:01	Clear	Turning movement	P.D. only	East	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Going ahead	School bus	Other motor vehicle	Driving properly
16-277712	2016-Oct-13, Thu,18:04	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
16-296998	2016-Nov-03, Thu,17:23	Clear	Turning movement	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing
16-46347	2016-Feb-18, Thu,09:11	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
17-113379s	2017-Apr-18, Tue,16:44	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
17-178234	2017-Jun-19, Mon,16:00	Clear	Angle	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-190052	2017-Jun-30, Fri,16:55	Clear	Angle	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-201751	2017-Jul-11, Tue,17:51	Clear	Angle	P.D. only	East	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-238712	2017-Aug-16, Wed,18:46	Clear	Angle	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing
17-254433	2017-Sep-01, Fri,15:35	Clear	Angle	P.D. only	West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
17-284043	2017-Oct-02, Mon,16:45	Clear	Angle	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly

17-294508	2017-Oct-12, Thu,17:48	Clear	Sideswipe	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-117562	2018-Apr-17, Tue,16:25	Clear	Turning movement	P.D. only	North	Wet	Going ahead	Delivery van	Other motor vehicle	Improper passing
Comments:					South	Wet	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
18-142134	2018-May-08, Tue,19:32	Clear	Sideswipe	P.D. only	North	Dry	Overtaking	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					North		Making "U" turn	Automobile, station wagon	Other motor vehicle	Driving properly
18-184	2018-Jan-01, Mon,03:08	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-255853	2018-Aug-14, Tue,04:15	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					South	Dry	Stopped	Truck - open	Other motor vehicle	Driving properly
18-351648	2018-Nov-07, Wed,11:44	Clear	Turning movement	P.D. only	South	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
18-42898	2018-Feb-08, Thu,18:27	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
19-173264	2019-May-24, Fri,18:41	Clear	Angle	P.D. only	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly
19-183017	2019-Jun-01, Sat,16:06	Clear	SMV other	Non-fatal injury	North	Dry	Going ahead	Motorcycle	Other	Lost control
Comments:	V1 HIT POTHOLE AND D1 LOST CONTROL					Dry				
19-196821	2019-Jun-12, Wed,16:31	Clear	Angle	Non-fatal injury	West	Dry	Turning left	Pick-up truck	Other motor vehicle	Failed to yield right-of-way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-207875	2019-Jun-21, Fri,10:23	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Passenger van	Other motor vehicle	Driving properly

19-291843	2019-Aug-23, Fri,16:31	Clear	Rear end	P.D. only	North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-300684s	2019-Aug-30, Fri,16:42	Clear	Rear end	P.D. only	South	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close
Comments:					South	Dry	Stopped	Pick-up truck	Other motor vehicle	Driving properly
19-367883s	2019-Oct-24, Thu,18:33	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing
Comments:					West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-437478	2019-Dec-24, Tue,13:51	Clear	Angle	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper lane change
Comments:					West	Dry	Turning left	Passenger van	Other motor vehicle	Improper turn
19-76333s	2019-Mar-06, Wed,17:08	Clear	Angle	P.D. only	West	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Failed to yield right-of- way
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road btwn Greenpark Boulevard/Crestmount Boulevard & Valeria Boulevard

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 5

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuver	Vehicle type	First Event	Driver Action	No. Ped
15-158502	2015-Jun-08, Mon,15:33	Clear	Turning movement	P.D. only	North	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					West	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-198502	2015-Jul-17, Fri,17:06	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-239943	2015-Aug-27, Thu,16:56	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-260684	2017-Sep-08, Fri,17:55	Clear	Sideswipe	P.D. only	North	Dry	Changing lanes	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
19-417559	2019-Dec-06, Fri,16:06	Clear	Rear end	P.D. only	South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road btwn Langstaff Road & Greenpark Boulevard/Crestmount Boulevard

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 4

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuver	Vehicle type	First Event	Driver Action	No. Ped
16-27072	2016-Jan-28, Thu, 16:18			P.D. only							
Comments:											
18-290305	2018-Sep-13, Thu, 11:35	Clear	Rear end	P.D. only	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Following too close	
Comments:											
					North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Driving properly	
18-380182s	2018-Dec-03, Mon, 17:20	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Other	
Comments:											
					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
19-225010	2019-Jul-03, Wed, 18:08	Clear	Angle	Non-fatal injury	West	Dry	Turning right	Automobile, station wagon	Cyclist	Driving properly	
Comments:											
					South	Dry	Going ahead	Bicycle	Other motor vehicle	Other	



Collision Details Report

From: January 1, 2015 **To:** December 31, 2019

Location Weston Road btwn Valeria Boulevard & Astona Boulevard

Municipality..... Vaughan

Traffic Control....

Total Collisions.... 14

Collision ID	Date/Day/Time	Environment	Impact Type	Classification	Direction	Surface Cond'n	Vehicle Manoeuvre	Vehicle type	First Event	Driver Action	No. Ped
15-212775	2015-Jul-30, Thu, 16:00	Clear	Turning movement	P.D. only	North	Dry	Turning right	Automobile, station wagon	Other motor vehicle	Improper turn	
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
15-7109	2015-Jan-08, Thu, 17:09	Clear	Turning movement	Non-fatal injury	West	Dry	Turning left	Automobile, station wagon	Other motor vehicle	Failed to yield right-of-way	
Comments:					North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
17-115266	2017-Apr-20, Thu, 10:11	Clear	Rear end	P.D. only	North	Dry	Turning right	Automobile, station wagon		Other	
Comments:	turning did not get struck				North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly	
17-167683	2017-Jun-09, Fri, 16:17	Clear	Sideswipe	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Improper passing	
Comments:					North	Dry	Merging	Automobile, station wagon	Other motor vehicle	Driving properly	
17-198321	2017-Jul-08, Sat, 12:00	Clear	Rear end	P.D. only	North	Dry	Slowing or stopping	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
17-338168	2017-Nov-24, Fri, 15:16	Clear	Rear end	Non-fatal injury	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close	
Comments:					North	Dry	Going ahead	Passenger van	Other motor vehicle	Driving properly	
17-84020	2017-Mar-23, Thu, 17:32	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition	
Comments:					North		Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	
18-208730	2018-Jul-04, Wed, 16:47	Clear	Angle	Non-fatal injury	North	Dry	Going ahead	Passenger van	Other motor vehicle	Other	
Comments:					West	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly	
18-260423	2018-Aug-17, Fri, 17:20	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Other	
Comments:					North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly	

18-306980	2018-Sep-28, Fri,19:47	Rain	Rear end	P.D. only	North	Wet	Going ahead	Automobile, station wagon	Other motor vehicle	Speed too fast for condition
Comments:					North		Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
18-397915	2018-Dec-20, Thu,18:19	Clear	Rear end	P.D. only	North	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Following too close
Comments:					North	Dry	Stopped	Automobile, station wagon	Other motor vehicle	Driving properly
19-232375	2019-Jul-09, Tue,12:30	Clear	Angle	Non-fatal injury	North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Improper passing
Comments:					West		Turning left	Automobile, station wagon	Other motor vehicle	Driving properly
19-332382	2019-Sep-25, Wed,20:47	Clear	Rear end	Non-fatal injury	South	Dry	Going ahead	Motorcycle	Other motor vehicle	Exceeding speed limit
Comments:					South	Dry	Going ahead	Automobile, station wagon	Other motor vehicle	Driving properly
19-435231	2019-Dec-22, Sun,12:11	Clear	Sideswipe	P.D. only	North	Dry	Making "U" turn	Automobile, station wagon	Other motor vehicle	Improper turn
Comments:					North	Dry	Going ahead	Pick-up truck	Other motor vehicle	Driving properly

Appendix C TAZ CONVERSION RATES (GGHMV4 VS AIMSUN)



Aimsun zones	EMME zones	AM Peak Ratio	PM Peak Ratio
101	3105	0.50	0.70
102	3105	0.10	0.06
103	3105	0.10	0.06
104	3105	0.10	0.06
105	3105	0.05	0.03
106	3105	0.05	0.03
107	3105	0.10	0.06
201	3088	0.03	0.03
202	3088	0.06	0.06
203	3088	0.06	0.06
204	3088	0.05	0.05
205	3088	0.05	0.05
206	3088	0.12	0.12
207	3088	0.12	0.12
208	3088	0.10	0.10
209	3088	0.06	0.06
210	3088	0.11	0.11
211	3088	0.12	0.12
212	3088	0.06	0.06
213	3088	0.06	0.06
301	3090	0.15	0.10
302	3090	0.00	0.00
303	3090	0.00	0.10
304	3090	0.15	0.10
305	3090	0.20	0.20
306	3090	0.20	0.20
307	3090	0.20	0.20
308	3090	0.10	0.10
1001	1001	1.00	1.00
1002	1002	1.00	1.00
1003	1003	0.40	0.45
1004	1004	1.00	1.00
1005	1005	0.49	0.50
1006	1006	0.50	0.40
1007	1007	1.00	1.00
1008	1008	1.00	1.00
1009	1009	1.00	1.00
1010	1010	0.90	0.90
1011	1011	1.00	1.00
1012	1012	1.00	1.00
1013	1013	1.00	1.00
1014	1014	1.00	1.00
1015	1015	1.00	1.00
1016	1016	1.00	1.00
1017	1017	1.00	1.00
1018	1018	1.00	1.00

Aimsun zones	EMME zones	AM Peak Ratio	PM Peak Ratio
1019	1019	1.00	1.00
1020	1020	1.00	1.00
1021	1021	1.00	1.00
1022	1022	1.00	1.00
1023	1023	1.00	1.00
1024	1024	1.00	1.00
2003	1003	0.60	0.55
2005	1005	0.02	0.02
2006	1006	0.50	0.60
2010	1010	0.10	0.10
3005	1005	0.49	0.48

Appendix D ROAD TYPES



Name: External ID: Functional Class:

Basic Parameters

Maximum Speed:	<input type="text" value="100.00 km/h"/>	Capacity (per Lane):	<input type="text" value="2100.00 PCUs/h"/>
Lane Width:	<input type="text" value="3.00 m"/>	<input type="checkbox"/> Internal (in a Node)	
User-Defined Cost:	<input type="text" value="0.00"/>	Second User-Defined Cost:	<input type="text" value="0.00"/>
Third User-Defined Cost:	<input type="text" value="0.00"/>	Draw Mode:	<input type="text" value="As Road"/>
HCM Road Type:	<input type="text" value="None"/>		

Shoulder

Right:	<input type="text" value="None"/>	Width:	<input type="text" value="0.00 m"/>
Left:	<input type="text" value="None"/>	Width:	<input type="text" value="0.00 m"/>

Not Allowed Vehicle Types

- 152: Bicycle
- 153: Bus
- 154: Car
- 156: Pedestrian
- 158: Taxi
- 159: Truck

Information

This road type is used in 39 sections

Microscopic Model

Lane Changing

Cooperation:	<input type="text" value="80.00 %"/>
Aggressiveness:	<input type="text" value="0.00 %"/>
<input type="checkbox"/> Imprudent Lane Changing	
<input checked="" type="checkbox"/> Return to Inside Lane After Overtaking	

Side Lane

Cooperation Distance:	<input type="text" value="Whole Lane"/>
Merging Distance:	<input type="text" value="Default"/>
<input checked="" type="checkbox"/> Merge: First Vehicle On Is First Vehicle Off	

Consider Two-Lane Car-Following Model

Queue Discharge

Acceleration Factor:	<input type="text" value="No Change"/>
Additional Reaction Time at Stop:	<input type="text" value="0.00 sec"/>
Additional Reaction Time at Traffic Light:	<input type="text" value="0.00 sec"/>

Section Parameters

Turn Parameters

Microscopic Model

Distance Zone 1: 500.00 m Additional Waiting Time Before Losing Turn: 0.00 sec

Distance Zone 2: 100.00 m Yellow Box Speed: 20.00 km/h

Yield Model

Initial Safety Margin: 3.00 sec Final Safety Margin: 1.00 sec

Initial Yield Time Factor: 1.00 Final Yield Time Factor: 2.00

Visibility to Give Way: 50.00 m Visibility along Main Stream: 144.00 m

Mesoscopic Model

Name: Secondary External ID: secondary Functional Class: 3

Basic Parameters

Maximum Speed:	50.00 km/h	Capacity (per Lane):	800.00 PCUs/h
Lane Width:	3.00 m	<input type="checkbox"/> Internal (in a Node)	
User-Defined Cost:	0.00	Second User-Defined Cost:	0.00
Third User-Defined Cost:	0.00	Draw Mode:	As Road
HCM Road Type:	None		

Shoulder

Right:	None	Width:	0.00 m
Left:	None	Width:	0.00 m

Not Allowed Vehicle Types

- 152: Bicycle
- 153: Bus
- 154: Car
- 156: Pedestrian
- 158: Taxi
- 159: Truck

Section Parameters Turn Parameters

Microscopic Model

Lane Changing

Cooperation:	80.00 %
Aggressiveness:	0.00 %
<input type="checkbox"/> Imprudent Lane Changing	
<input checked="" type="checkbox"/> Return to Inside Lane After Overtaking	

Side Lane

Cooperation Distance:	Whole Lane
Merging Distance:	Default
<input checked="" type="checkbox"/> Merge: First Vehicle On Is First Vehicle Off	

Consider Two-Lane Car-Following Model

Queue Discharge

Acceleration Factor:	No Change
Additional Reaction Time at Stop:	0.00 sec
Additional Reaction Time at Traffic Light:	0.00 sec

Microscopic Model

Section Parameters Turn Parameters

Microscopic Model

Distance Zone 1:	<input type="text" value="300.00 m"/>	Additional Waiting Time Before Losing Turn:	<input type="text" value="0.00 sec"/>
Distance Zone 2:	<input type="text" value="40.00 m"/>	Yellow Box Speed:	<input type="text" value="15.00 km/h"/>

Yield Model

Initial Safety Margin:	<input type="text" value="3.00 sec"/>	Final Safety Margin:	<input type="text" value="1.00 sec"/>
Initial Yield Time Factor:	<input type="text" value="1.00"/>	Final Yield Time Factor:	<input type="text" value="2.00"/>
Visibility to Give Way:	<input type="text" value="30.00 m"/>	Visibility along Main Stream:	<input type="text" value="60.00 m"/>

Main Dynamic Models Static Model Attributes

Name: Tertiary External ID: tertiary Functional Class: 3

Basic Parameters

Maximum Speed: 50.00 km/h Capacity (per Lane): 700.00 PCUs/h

Lane Width: 3.00 m Internal (in a Node)

User-Defined Cost: 0.00 Second User-Defined Cost: 0.00

Third User-Defined Cost: 0.00 Draw Mode: As Road

HCM Road Type: None

Shoulder

Right: None Width: 0.00 m

Left: None Width: 0.00 m

Not Allowed Vehicle Types

- 152: Bicycle
- 153: Bus
- 154: Car
- 156: Pedestrian
- 158: Taxi
- 159: Truck

Main Dynamic Models Static Model Attributes

Section Parameters Turn Parameters

Microscopic Model

Lane Changing

Cooperation: 80.00 %

Aggressiveness: 0.00 %

Imprudent Lane Changing

Return to Inside Lane After Overtaking

Side Lane

Cooperation Distance: Whole Lane

Merging Distance: Default

Merge: First Vehicle On Is First Vehicle Off

Consider Two-Lane Car-Following Model

Queue Discharge

Acceleration Factor: No Change

Additional Reaction Time at Stop: 0.00 sec

Additional Reaction Time at Traffic Light: 0.00 sec

Section Parameters Turn Parameters

Microscopic Model

Distance Zone 1:	<input type="text" value="300.00 m"/>	Additional Waiting Time Before Losing Turn:	<input type="text" value="0.00 sec"/>
Distance Zone 2:	<input type="text" value="40.00 m"/>	Yellow Box Speed:	<input type="text" value="15.00 km/h"/>

Yield Model

Initial Safety Margin:	<input type="text" value="3.00 sec"/>	Final Safety Margin:	<input type="text" value="1.00 sec"/>
Initial Yield Time Factor:	<input type="text" value="1.00"/>	Final Yield Time Factor:	<input type="text" value="2.00"/>
Visibility to Give Way:	<input type="text" value="30.00 m"/>	Visibility along Main Stream:	<input type="text" value="60.00 m"/>

Main **Dynamic Models** Static Model Attributes

Name: External ID: Functional Class:

Basic Parameters

Maximum Speed: Capacity (per Lane):

Lane Width: Internal (in a Node)

User-Defined Cost: Second User-Defined Cost:

Third User-Defined Cost: Draw Mode:

HCM Road Type:

Shoulder

Right: Width:

Left: Width:

Not Allowed Vehicle Types

- 152: Bicycle
- 153: Bus
- 154: Car
- 156: Pedestrian
- 158: Taxi
- 159: Truck

Main **Dynamic Models** Static Model Attributes

Section Parameters **Turn Parameters**

Microscopic Model

Lane Changing

Cooperation:

Aggressiveness:

Imprudent Lane Changing

Return to Inside Lane After Overtaking

Side Lane

Cooperation Distance:

Merging Distance:

Merge: First Vehicle On Is First Vehicle Off

Consider Two-Lane Car-Following Model

Queue Discharge

Acceleration Factor:

Additional Reaction Time at Stop:

Additional Reaction Time at Traffic Light:

Main

Dynamic Models

Static Model

Attributes

Section Parameters

Turn Parameters

Microscopic Model

Distance Zone 1: 400.00 m Additional Waiting Time Before Losing Turn: 0.00 sec

Distance Zone 2: 200.00 m Yellow Box Speed: 15.00 km/h

Yield Model

Initial Safety Margin: 3.00 sec Final Safety Margin: 1.00 sec

Initial Yield Time Factor: 1.00 Final Yield Time Factor: 2.00

Visibility to Give Way: 25.00 m Visibility along Main Stream: 60.00 m

Mesoscopic Model

Appendix E OD ADJUSTMENT PARAMETERS



Static OD Adjustment Settings

Main Tab

- **Traffic Demand:** Disaggregated Car and truck GGHMv4 AM and PM peak hours
- **Transit Plan:** AM/PM Period Buses
- **Real Data Set:** Based on car and truck observed data
- **Assignment Method:** Frank and Wolfe Assignment
- **Adjustment Parameters**
 - **Iterations:** 50
 - **Gradient Descent Iterations:** Default
- **Assignment Parameters**
 - **Maximum Iterations:** 100
 - **Relative Gap:** 0.01%

Centroids and Sections Tab

- **Matrix Elasticity:** 1
- **Trip Length Distribution Elasticity:** 0.50
- **Exit from Centroid Reliability Vector:** Default
- **Entrance to Centroid Reliability Vector:** Default
- **Maximum Deviation Permitted:** None
- **Weight Function:** None
- **Congested Sections:** None

Output to Generate Tab

- **Sections and Turns:** Store in Database
- **Path Assignment:** Store in Path Assignment file
- **Adjustment Outputs:** Store in Database

Appendix F DUE ASSIGNMENT PARAMETERS



Main Tab

- **Using Warm-up:** An extended 30 minutes peak hour demand was considered as the warm-up demand for both AM and PM peak hours.

Main Behaviour Reaction Time Arrivals Dynamic Traffic Assignment Variables Policies Attributes Pedestrians

Name: External ID:

Dynamic Traffic Assignment
Network Loading: Microscopic Simulator Assignment Approach: Dynamic User Equilibrium

Initial Simulation State
 Using Warm-Up:
 Using a Saved Initial State:

Attributes Overrides
Up
Down
Check All
Uncheck All

Performance Settings
Simulation Threads: Route Choice Threads:

Scripts
Pre-Run: Post-Run:

Reaction Time

- **Simulation Step:** default values were used

Main Behaviour Reaction Time Arrivals Dynamic Traffic Assignment Variables Policies Attributes Pedestrians

Simulation Step
Simulation Step:

Reaction Time Settings
 Fixed (Same for All Vehicle Types) Variable (Different for Each Vehicle Type)

Values
Reaction Time: (Same as Simulation Step)
Reaction Time at Stop: Reaction Time at Traffic Light:

Dynamic Traffic Assignment

- **Path Cost:** Instantaneous
- **Dynamic User Equilibrium Model:** Gradient Based
- **User-Defined Cost Weight:** 5

Main Behaviour Reaction Time Arrivals Dynamic Traffic Assignment Variables Policies Attributes Pedestrians

Costs

Cycle: Number of Intervals:
 Attractiveness Weight: User-Defined Cost Weight:
 Path Cost: Instantaneous Experienced
 Group Route Choice Intervals

08:00 - 08:15	08:15 - 08:30	08:30 - 08:45	08:45 - 09:00
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Fixed Routes

Vehicle Type	Following OD Routes
154: Car	100.00 %
156: Pedestrian	100.00 %

Dynamic User Equilibrium

Model: Enroute After Virtual Queue
 Do Not Consider Paths with a Percentage Below: Initial Step Size: Start the Assignment Process Continue the Assignment Process

Stopping Criteria
 Maximum Iterations: Relative Gap: Relative Gap Matrix:

Basic

Path Calculation

Source	Maximum Number of Initial Paths to Consider

Calculate Additional Paths: Blocked Cells Matrix for OD Pairs with No Additional Paths:
 Maximum Paths per Interval:

Vehicle Type	Number of Paths
154: Car	3
156: Pedestrian	3

Appendix G MODELLED VS. OBSERVED TURNING MOVEMENT RESULTS- SCENARIO 1 WITH BASE OD DEMAND



Intersection	Movement	AM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
Rutherford Road at Weston Road (Signalized)	NBL	106	93	13	70	57	13	36	36	0	34%	39%	0%	3.8	4.2	0.0
	NBT	391	357	34	174	137	35	217	220	-1	55%	62%	-3%	12.9	14.0	0.2
	NBR	580	534	46	399	301	98	181	233	-52	31%	44%	-113%	8.2	11.4	6.1
	SBL	458	432	26	642	624	18	-184	-192	8	-40%	-44%	31%	7.8	8.4	1.7
	SBT	1239	1152	88	931	857	72	308	295	16	25%	26%	18%	9.4	9.3	1.8
	SBR	28	25	3	57	55	2	-29	-30	1	-104%	-120%	33%	4.4	4.7	0.6
	EBL	32	29	3	30	29	1	2	0	2	6%	0%	67%	0.4	0.0	1.4
	EBT	1396	1290	106	1668	1637	29	-272	-347	77	-19%	-27%	73%	6.9	9.1	9.4
	EBR	78	67	11	345	335	10	-267	-268	1	-342%	-400%	9%	18.4	18.9	0.3
	WBL	186	152	35	108	70	38	78	82	-3	42%	54%	-9%	6.4	7.8	0.5
	WBT	719	618	102	643	572	69	76	46	33	11%	7%	32%	2.9	1.9	3.6
	WBR	194	182	12	142	123	19	52	59	-7	27%	32%	-58%	4.0	4.8	1.8
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	0	0	0	8	8	0	-8	-8	0	0%	0%	0%	4.0	4.0
NBT		0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
NBR		5	3	2	7	7	0	-2	-4	2	-40%	-133%	100%	0.8	1.8	2.0
SBL		672	634	38	589	577	11	83	57	27	12%	9%	71%	3.3	2.3	5.5
SBT		1	1	0	0	0	0	1	1	0	100%	100%	0%	1.4	1.4	0.0
SBR		5	4	1	0	0	0	5	4	1	100%	100%	100%	3.2	2.8	1.4
EBL		19	15	4	0	0	0	19	15	4	100%	100%	100%	6.2	5.5	2.8
EBT		2413	2239	174	2646	2500	144	-233	-261	30	-10%	-12%	17%	4.6	5.4	2.4
EBR		1	1	0	57	57	0	-56	-56	0	-5600%	-5600%	0%	10.4	10.4	0.0
WBL		0	0	0	38	38	0	-38	-38	0	0%	0%	0%	8.7	8.7	0.0
WBT		1120	986	134	850	728	120	270	258	14	24%	26%	10%	8.6	8.8	1.2
WBR		135	121	15	110	94	15	25	27	0	19%	22%	0%	2.3	2.6	0.0
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL														
	NBT															
	NBR															
	SBL	651	535	116	349	247	102	302	288	14	46%	54%	12%	13.5	14.6	1.3
	SBT															
	SBR	231	184	47	40	17	23	191	167	24	83%	91%	51%	16.4	16.7	4.1
	EBL															
	EBT	1686	1563	123	1862	1746	113	-176	-183	10	-10%	-12%	8%	4.2	4.5	0.9
	EBR															
	WBL															
	WBT	1022	933	89	961	845	113	61	88	-24	6%	9%	-27%	1.9	3.0	2.4
	WBR															
	Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	268	243	25	495	311	184	-227	-68	-159	-85%	-28%	-636%	11.6	4.1
NBT		0	0	0	5	1	4	-5	-1	-4	0%	0%	0%	3.2	1.4	2.8
NBR		659	565	94	846	703	143	-187	-138	-49	-28%	-24%	-52%	6.8	5.5	4.5
SBL		0	0	0	2	1	1	-2	-1	-1	0%	0%	0%	2.0	1.4	1.4
SBT																
SBR		0	0	0	8	5	3	-8	-5	-3	0%	0%	0%	4.0	3.2	2.4
EBL		0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
EBT		2107	1930	177	2023	1878	142	84	52	35	4%	3%	20%	1.8	1.2	2.8
EBR																
WBL																
WBT		2263	1985	278	1917	1682	232	346	303	46	15%	15%	17%	7.6	7.1	2.9
WBR		2	0	2	0	0	0	2	0	2	100%	0%	100%	2.0	0.0	2.0
Rutherford Road at Sweetriver Blvd.		NBL	49	36	13	159	76	82	-110	-40	-69	-224%	-111%	-531%	10.8	5.3
	NBT	42	34	8	2	2	0	40	32	8	96%	94%	100%	8.5	7.5	4.0
	NBR	33	32	1	32	22	10	1	10	-9	3%	31%	-900%	0.2	1.9	3.8
	SBL	90	85	5	40	39	1	50	46	4	56%	54%	80%	6.2	5.8	2.3
	SBT	91	89	2	24	24	0	67	65	2	74%	73%	100%	8.8	8.6	2.0
	SBR	167	142	25	101	97	4	66	45	21	40%	32%	84%	5.7	4.1	5.5
	EBL	99	93	6	55	45	10	44	48	-4	44%	52%	-67%	5.0	5.8	1.4
	EBT	2289	2033	256	2393	2180	210	-104	-147	46	-5%	-7%	18%	2.1	3.2	3.0
	EBR	335	306	29	378	323	54	-43	-17	-25	-13%	-6%	-86%	2.3	1.0	3.9
	WBL	81	74	7	82	78	4	-1	-4	3	-1%	-5%	43%	0.1	0.5	1.3
	WBT	2066	1726	341	1661	1515	144	405	211	197	20%	12%	58%	9.4	5.2	12.7
	WBR	48	48	1	2	2	0	46	46	1	96%	96%	100%	9.2	9.2	1.4
	Rutherford Road at Julliard Drive (Signalized)	NBL	49	36	13	31	13	16	18	23	-3	37%	64%	-23%	2.8	4.6
NBT		42	34	8	5	2	3	37	32	5	88%	94%	63%	7.6	7.5	2.1
NBR		33	32	1	16	9	4	17	23	-3	52%	72%	-300%	3.4	5.1	1.9
SBL		90	85	5	47	44	3	43	41	2	48%	48%	40%	5.2	5.1	1.0
SBT		91	89	2	21	18	3	70	71	-1	77%	80%	-50%	9.4	9.7	0.6
SBR		97	83	14	89	81	8	8	2	6	8%	2%	43%	0.8	0.2	1.8
EBL		105	99	6	103	64	39	2	35	-33	2%	35%	-550%	0.2	3.9	7.0
EBT		2173	1930	243	2269	2115	154	-96	-185	89	-4%	-10%	37%	2.0	4.1	6.3
EBR		88	80	8	60	46	11	28	34	-3	32%	43%	-38%	3.3	4.3	1.0
WBL		90	83	7	101	94	5	-11	-11	2	-12%	-13%	29%	1.1	1.2	0.8
WBT		2084	1741	344	1609	1484	125	475	257	219	23%	15%	64%	11.1	6.4	14.3
WBR		53	53	1	6	2	4	47	51	-3	89%	96%	-300%	8.7	9.7	1.9
Rutherford Road at Jane Street (Signalized)		NBL	91	61	30	73	50	23	18	11	7	20%	18%	23%	2.0	1.5
	NBT	255	230	26	219	184	26	36	46	0	14%	20%	0%	2.3	3.2	0.0
	NBR	94	77	17	112	91	20	-18	-14	-3	-19%	-18%	-18%	1.8	1.5	0.7
	SBL	113	106	7	4	4	0	109	102	7	96%	96%	100%	14.3	13.8	3.7
	SBT	1520	1484	37	1233	1158	67	287	326	-30	19%	22%	-81%	7.7	9.0	4.2
	SBR	136	131	5	310	285	25	-174	-154	-20	-128%	-118%	-400%	11.7	10.7	5.2
	EBL	162	154	9	168	144	24	-6	10	-15	-4%	6%	-167%	0.5	0.8	3.7
	EBT	1707	1497	210	1670	1591	77	37	-94	133	2%	-6%	63%	0.9	2.4	11.1
	EBR	385	359	27	468	411	57	-83	-52	-30	-22%	-14%	-111%	4.0	2.7	4.6
	WBL	155	135	21	450	431	18	-295	-296	3	-190%	-219%	14%	17.0	17.6	0.7

Intersection	Movement	AM Peak Hour															
		Observed			Modelled			Difference			Difference %			GEH			
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	
	WBT	2041	1865	176	1336	1248	86	705	617	90	35%	33%	51%	17.2	15.6	7.9	
	WBR	534	501	33	119	119	0	415	382	33	78%	76%	100%	23.0	21.7	8.1	
Jane Street at Riverock Gate (Signalized)	NBL	77	66	12	58	26	27	19	40	-15	25%	61%	-125%	2.3	5.9	3.4	
	NBT	366	297	69	340	280	60	26	17	9	7%	6%	13%	1.4	1.0	1.1	
	NBR	5	5	1	10	10	0	-5	-5	1	-100%	-100%	100%	1.8	1.8	1.4	
	SBL	102	91	11	182	182	0	-80	-91	11	-78%	-100%	100%	6.7	7.8	4.7	
	SBT	1785	1699	86	1899	1757	142	-114	-58	-56	-6%	-3%	-65%	2.7	1.4	5.2	
	SBR	143	143	1	63	50	4	80	93	-3	56%	65%	-300%	7.9	9.5	1.9	
	EBL	50	46	4	51	30	10	-1	16	-6	-2%	35%	-150%	0.1	2.6	2.3	
	EBT	77	74	3	48	46	0	29	28	3	38%	38%	100%	3.7	3.6	2.4	
	EBR	89	84	5	86	65	16	3	19	-11	3%	23%	-220%	0.3	2.2	3.4	
	WBL	3	1	2	8	8	0	-5	-7	2	-167%	-700%	100%	2.1	3.3	2.0	
	WBT	35	28	7	11	9	0	24	19	7	69%	68%	100%	5.0	4.4	3.7	
	WBR	24	11	13	25	25	0	-1	-14	13	-4%	-127%	100%	0.2	3.3	5.1	
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL																
	NBT	431	361	70	354	282	67	77	79	3	18%	22%	4%	3.9	4.4	0.4	
	NBR	56	47	9	59	48	11	-3	-1	-2	-5%	-2%	-22%	0.4	0.1	0.6	
	SBL	85	76	9	231	199	32	-146	-123	-23	-172%	-162%	-256%	11.6	10.5	5.1	
	SBT	1810	1619	192	1903	1744	154	-93	-125	38	-5%	-8%	20%	2.2	3.0	2.9	
	SBR																
	EBL																
	EBT																
	EBR																
	WBL	32	21	11	6	4	2	26	17	9	81%	81%	82%	6.0	4.8	3.5	
	WBT																
	WBR	16	11	5	59	39	20	-43	-28	-15	-269%	-255%	-300%	7.0	5.6	4.2	
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	62	49	13	96	46	50	-34	3	-37	-55%	6%	-285%	3.8	0.4	6.6	
	NBT	145	125	20	44	25	17	101	100	3	70%	80%	15%	10.4	11.5	0.7	
	NBR	13	10	3	37	28	9	-24	-18	-6	-185%	-180%	-200%	4.8	4.1	2.4	
	SBL	58	54	4	25	23	2	33	31	2	57%	57%	50%	5.1	5.0	1.2	
	SBT	345	326	19	58	52	4	287	274	15	83%	84%	79%	20.2	19.9	4.4	
	SBR	15	14	1	83	56	27	-68	-42	-26	-453%	-300%	-2600%	9.7	7.1	6.9	
	EBL	110	102	8	124	79	45	-14	23	-37	-13%	23%	-463%	1.3	2.4	7.2	
	EBT	223	196	27	240	193	47	-17	3	-20	-8%	2%	-74%	1.1	0.2	3.3	
	EBR	484	448	36	534	450	84	-50	-2	-48	-10%	0%	-133%	2.2	0.1	6.2	
	WBL	5	4	1	10	7	3	-5	-3	-2	-100%	-75%	-200%	1.8	1.3	1.4	
	WBT	52	29	23	28	14	14	24	15	9	46%	52%	39%	3.8	3.2	2.1	
	WBR	29	24	5	21	14	7	8	10	-2	28%	42%	-40%	1.6	2.3	0.8	
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	10	8	2	0	0	0	10	8	2	100%	100%	100%	4.5	4.0	2.0	
	NBT	115	100	15	126	90	36	-11	10	-21	-10%	10%	-140%	1.0	1.0	4.2	
	NBR	820	763	57	912	734	178	-92	29	-121	-11%	4%	-212%	3.1	1.1	11.2	
	SBL																
	SBT																
	SBR	75	68	7	61	25	36	14	43	-29	19%	63%	-414%	1.7	6.3	6.3	
	EBL																
	EBT																
	EBR																
	WBL																
	WBT	123	83	40	152	71	81	-29	12	-41	-24%	14%	-103%	2.5	1.4	5.3	
	WBR	8	6	2	27	17	10	-19	-11	-8	-238%	-183%	-400%	4.5	3.2	3.3	
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	9	4	5	50	34	16	-41	-30	-11	-456%	-750%	-220%	7.5	6.9	3.4	
	NBT	472	422	50	245	197	43	227	225	7	48%	53%	14%	12.0	12.8	1.0	
	NBR	237	217	20	227	167	60	10	50	-40	4%	23%	-200%	0.7	3.6	6.3	
	SBL	40	39	2	4	4	0	36	35	2	90%	90%	100%	7.7	7.5	2.0	
	SBT	1770	1708	62	1497	1361	131	273	347	-69	15%	20%	-111%	6.8	8.9	7.0	
	SBR	8	6	3	375	349	26	-367	-343	-23	-4588%	-5717%	-767%	26.5	25.7	6.0	
	EBL	4	1	4	179	142	37	-175	-141	-33	-4375%	-14100%	-825%	18.3	16.7	7.3	
	EBT	0	0	0	23	14	9	-23	-14	-9	0%	0%	0%	6.8	5.3	4.2	
	EBR	11	8	3	71	45	26	-60	-37	-23	-545%	-463%	-767%	9.4	7.2	6.0	
	WBL	97	70	27	213	99	114	-116	-29	-87	-120%	-41%	-322%	9.3	3.2	10.4	
	WBT	0	0	0	20	12	8	-20	-12	-8	0%	0%	0%	6.3	4.9	4.0	
	WBR	11	8	3	0	0	0	11	8	3	100%	100%	100%	4.7	4.0	2.4	
Jane Street at Langstaff Road (Signalized)	NBL	111	96	15	175	144	31	-64	-48	-16	-58%	-50%	-107%	5.4	4.4	3.3	
	NBT	433	378	55	355	266	84	78	112	-29	18%	30%	-53%	3.9	6.2	3.5	
	NBR	58	45	13	2	1	1	56	44	12	97%	98%	92%	10.2	9.2	4.5	
	SBL	52	43	9	111	90	21	-59	-47	-12	-113%	-109%	-133%	6.5	5.8	3.1	
	SBT	1047	948	99	823	674	144	224	274	-45	21%	29%	-45%	7.3	9.6	4.1	
	SBR	269	226	43	736	595	141	-467	-369	-98	-174%	-163%	-228%	20.8	18.2	10.2	
	EBL	193	164	30	211	169	42	-18	-5	-12	-9%	-3%	-40%	1.3	0.4	2.0	
	EBT	600	501	99	255	228	27	345	273	72	58%	54%	73%	16.7	14.3	9.1	
	EBR	285	261	25	334	310	24	-49	-49	1	-17%	-19%	4%	2.8	2.9	0.2	
	WBL	64	52	12	55	42	13	9	10	-1	14%	19%	-8%	1.2	1.5	0.3	
	WBT	366	257	109	230	212	18	136	45	91	37%	18%	83%	7.9	2.9	11.4	
	WBR	25	17	8	17	11	6	8	6	2	32%	35%	25%	1.7	1.6	0.8	
Langstaff Road at Millway Avenue (Signalized)	NBL	24	20	4	15	15	0	9	5	4	38%	25%	100%	2.0	1.2	2.8	
	NBT	7	7	0	10	6	4	-3	1	-4	-43%	14%	0%	1.0	0.4	2.8	
	NBR	21	19	2	88	80	8	-67	-61	-6	-319%	-321%	-300%	9.1	8.7	2.7	
	SBL	1	1	0	11	8	3	-10	-7	-3	-1000%	-700%	0%	4.1	3.3	2.4	
	SBT	10	10	0	34	30	4	-24	-20	-4	-240%	-200%	0%	5.1	4.5	2.8	
	SBR	59	56	3	4	3	1	55	53	2	93%	95%	67%	9.8	9.8	1.4	
	EBL	91	88	4	42	31	11	49	57	-7	54%	65%	-175%	6.0	7.4	2.6	
	EBT	1100	1042	59	704	623	81	396	419	-22	36%	40%	-37%	13.2	14.5	2.6	

Intersection	Movement	AM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
	EBR	162	162	1	14	11	3	148	151	-2	91%	93%	-200%	15.8	16.2	1.4
	WBL	57	57	0	469	418	51	-412	-361	-51	-723%	-633%	0%	25.4	23.4	10.1
	WBT	672	597	75	664	516	148	8	81	-73	1%	14%	-97%	0.3	3.4	6.9
	WBR	12	12	0	45	40	5	-33	-28	-5	-275%	-233%	0%	6.2	5.5	3.2
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	114	105	9	160	138	22	-46	-33	-13	-40%	-31%	-144%	3.9	3.0	3.3
	NBT	94	78	16	15	13	2	79	65	14	84%	83%	88%	10.7	9.6	4.7
	NBR	45	38	7	6	3	3	39	35	4	87%	92%	57%	7.7	7.7	1.8
	SBL	33	25	8	38	23	15	-5	2	-7	-15%	8%	-88%	0.8	0.4	2.1
	SBT	146	140	6	10	9	1	136	131	5	93%	94%	83%	15.4	15.2	2.7
	SBR	192	153	39	203	138	63	-11	15	-24	-6%	10%	-62%	0.8	1.2	3.4
	EBL	365	346	19	266	234	30	99	112	-11	27%	32%	-58%	5.6	6.6	2.2
	EBT	1289	1218	71	703	628	75	586	590	-4	45%	48%	-6%	18.6	19.4	0.5
	EBR	545	538	8	892	830	62	-347	-292	-54	-64%	-54%	-675%	12.9	11.2	9.1
	WBL	55	53	2	21	13	8	34	40	-6	62%	75%	-300%	5.5	7.0	2.7
	WBT	632	540	92	518	395	123	114	145	-31	18%	27%	-34%	4.8	6.7	3.0
	WBR	32	26	6	129	107	22	-97	-81	-16	-303%	-312%	-267%	10.8	9.9	4.3
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	314	305	9	540	493	47	-226	-188	-38	-72%	-62%	-422%	10.9	9.4	7.2
	NBT															
	NBR	857	788	69	487	411	76	370	377	-7	43%	48%	-10%	14.3	15.4	0.8
	SBL															
	SBT															
	SBR															
	EBL															
	EBT	1381	1340	41	1384	1289	93	-3	51	-52	0%	4%	-127%	0.1	1.4	6.4
	EBR															
	WBL															
	WBT	938	788	150	877	669	206	61	119	-56	7%	15%	-37%	2.0	4.4	4.2
	WBR															
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	63	61	2	3	2	1	60	59	1	95%	97%	50%	10.4	10.5	0.8
	NBT	53	50	3	2	2	0	51	48	3	96%	96%	100%	9.7	9.4	2.4
	NBR	331	309	22	50	29	21	281	280	1	85%	91%	5%	20.4	21.5	0.2
	SBL	228	218	10	121	107	14	107	111	-4	47%	51%	-40%	8.1	8.7	1.2
	SBT	151	144	7	41	35	6	110	109	1	73%	76%	14%	11.2	11.5	0.4
	SBR	40	34	6	45	27	18	-5	7	-12	-13%	21%	-200%	0.8	1.3	3.5
	EBL	60	56	4	60	49	11	0	7	-7	0%	13%	-175%	0.0	1.0	2.6
	EBT	1551	1504	47	1716	1642	72	-165	-138	-25	-11%	-9%	-53%	4.1	3.5	3.2
	EBR	220	211	9	1	1	0	219	210	9	100%	100%	100%	20.8	20.4	4.2
	WBL	322	306	16	279	243	36	43	63	-20	13%	21%	-125%	2.5	3.8	3.9
	WBT	559	496	63	683	562	119	-124	-66	-56	-22%	-13%	-89%	5.0	2.9	5.9
	WBR	165	158	7	320	267	53	-155	-109	-46	-94%	-69%	-657%	10.0	7.5	8.4
Langstaff Road at Weston Road (Signalized)	NBL	54	45	9	23	15	8	31	30	1	57%	67%	11%	5.0	5.5	0.3
	NBT	362	316	46	236	158	78	126	160	-32	35%	51%	-70%	7.3	10.4	4.1
	NBR	179	151	28	201	172	29	-22	-21	-1	-12%	-14%	-4%	1.6	1.7	0.2
	SBL	371	340	31	531	516	15	-160	-176	16	-43%	-52%	52%	7.5	8.5	3.3
	SBT	1067	979	89	972	844	126	95	135	-37	9%	14%	-42%	3.0	4.5	3.6
	SBR	270	251	19	65	60	5	205	191	14	76%	76%	74%	15.8	15.3	4.0
	EBL	263	240	23	92	86	6	171	154	17	65%	64%	74%	12.8	12.1	4.5
	EBT	1293	1197	96	1031	991	38	262	206	58	20%	17%	60%	7.7	6.2	7.1
	EBR	142	134	8	69	64	5	73	70	3	51%	52%	38%	7.1	7.0	1.2
	WBL	128	100	28	136	86	50	-8	14	-22	-6%	14%	-79%	0.7	1.5	3.5
	WBT	398	295	103	332	283	47	66	12	56	17%	4%	54%	3.5	0.7	6.5
	WBR	132	114	18	193	152	41	-61	-38	-23	-46%	-33%	-128%	4.8	3.3	4.2
Weston Road at Green Park Blvd. (Signalized)	NBL	19	19	0	30	28	2	-11	-9	-2	-58%	-47%	0%	2.2	1.9	2.0
	NBT	655	638	18	422	304	116	233	334	-98	36%	52%	-544%	10.0	15.4	12.0
	NBR	62	56	6	58	49	9	4	7	-3	6%	13%	-50%	0.5	1.0	1.1
	SBL	299	297	3	338	304	34	-39	-7	-31	-13%	-2%	-1033%	2.2	0.4	7.2
	SBT	1603	1581	22	1170	1086	82	433	495	-60	27%	31%	-273%	11.6	13.6	8.3
	SBR	65	65	0	1	0	1	64	65	-1	98%	100%	0%	11.1	11.4	1.4
	EBL	67	67	0	16	5	11	51	62	-11	76%	93%	0%	7.9	10.3	4.7
	EBT	30	30	0	21	21	0	9	9	0	30%	30%	0%	1.8	1.8	0.0
	EBR	73	72	1	210	210	0	-137	-138	1	-188%	-192%	100%	11.5	11.6	1.4
	WBL	32	31	1	163	99	64	-131	-68	-63	-409%	-219%	-6300%	13.3	8.4	11.1
	WBT	6	5	1	10	9	1	-4	-4	0	-67%	-80%	0%	1.4	1.5	0.0
	WBR	42	35	7	56	37	19	-14	-2	-12	-33%	-6%	-171%	2.0	0.3	3.3
Weston Road at Valeria Blvd. (Unsignalized)	NBL	17	14	3	38	33	5	-21	-19	-2	-124%	-136%	-67%	4.0	3.9	1.0
	NBT	742	672	70	437	297	138	305	375	-68	41%	56%	-97%	12.6	17.0	6.7
	NBR															
	SBL															
	SBT	1886	1724	162	1350	1234	114	536	490	48	28%	28%	30%	13.3	12.7	4.1
	SBR	16	16	0	0	0	0	16	16	0	100%	100%	0%	5.7	5.7	0.0
	EBL	23	23	0	15	15	0	8	8	0	35%	35%	0%	1.8	1.8	0.0
	EBT															
	EBR	81	79	2	166	161	5	-85	-82	-3	-105%	-104%	-150%	7.6	7.5	1.6
	WBL															
	WBT															
	WBR															
Weston Road at Astona Blvd.	NBL	56	50	6	38	33	5	18	17	1	32%	34%	17%	2.6	2.6	0.4
	NBT	701	634	67	422	283	137	279	351	-70	40%	55%	-104%	11.8	16.4	6.9
	NBR															
	SBL															
	SBT	1443	1315	128	1340	1225	113	103	90	15	7%	7%	12%	2.8	2.5	1.4
SBR	60	50	10	62	54	8	-2	-4	2	-3%	-8%	20%	0.3	0.6	0.7	

Intersection	Movement	AM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
(Signalized)	EBL	338	314	25	230	218	12	108	96	13	32%	31%	52%	6.4	5.9	3.0
	EBT															
	EBR	459	422	37	0	0	0	459	422	37	100%	100%	100%	30.3	29.1	8.6
	WBL															
	WBR															
Hwy 400 at Rutherford Road (Unsignalized Ramp / Mainline)	NBL															
	NB (North of Interchange)	3982			3186			796			20%			13.3		
	NBR															
	SBL															
	SBT															
	SBR															
	EBL (West to North On-Ramp)	233			188			45			19%			3.1		
	EBT															
Hwy 400 at Bass Pro Mills Drive (Unsignalized Ramp / Mainline)	EBR (West to South On-Ramp)	1403			1378			25			2%			0.7		
	WBL (East to South On-Ramp)	1252			1080			172			14%			5.0		
	WBT															
	WBR (East to North On-Ramp)	256			374			-118						6.6		
	NBL															
	NB (South of NB Off Ramp)	5365			4974			391			7%			5.4		
	SB (South of SB On Ramp)	7887			9476			-1589			-20%			17.1		
Hwy 400 at Langstaff Road (Unsignalized Ramp / Mainline)	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR															
	WBL (East to South On-Ramp)	208			211			-3			-1%			0.2		
	WBT															
Hwy 400 at Langstaff Road (Unsignalized Ramp / Mainline)	WBR															
	NB Transfer (South of Langstaff Rd)	1078			821			257			24%			8.3		
	SB Collector (South of Langstaff Rd)	3539			3630			-91			-3%			1.5		
	SB Collector (North of Langstaff Rd)	2605			3052			-447			-17%			8.4		
	SBL															
	SBT															
	SBR															
	EBL															
Total	EBT															
	EBR (West to South On-Ramp)	729			484			245			34%			9.9		
	WBL (East to South On-Ramp)	206			95			111			54%			9.0		
	WBT															
WBR																
Total		105,453	69,546	7,194	98,742	61,497	8,130	6,711	8,049	-936						

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
Rutherford Road at Weston Road (Signalized)	NBL	351	325	26	327	314	13	24	11	13	7%	3%	50%	1.3	0.6	2.9
	NBT	1394	1285	110	512	495	16	882	790	94	63%	61%	85%	28.6	26.5	11.8
	NBR	248	218	30	569	493	76	-321	-275	-46	-129%	-126%	-153%	15.9	14.6	6.3
	SBL	174	169	5	199	192	7	-25	-23	-2	-14%	-14%	-40%	1.8	1.7	0.8
	SBT	694	663	32	187	174	11	507	489	21	73%	74%	66%	24.2	23.9	4.5
	SBR	106	101	5	11	11	0	95	90	5	90%	89%	100%	12.4	12.0	3.2
	EBL	158	152	6	36	36	0	122	116	6	77%	76%	100%	12.4	12.0	3.5
	EBT	1189	1106	84	747	701	44	442	405	40	37%	37%	48%	14.2	13.5	5.0
	EBR	141	136	6	56	53	3	85	83	3	60%	61%	50%	8.6	8.5	1.4
	WBL	127	117	10	247	202	45	-120	-85	-35	-94%	-73%	-350%	8.8	6.7	6.7
	WBT	983	906	78	1072	1032	38	-89	-126	40	-9%	-14%	51%	2.8	4.0	5.3
	WBR	304	287	18	350	337	13	-46	-50	5	-15%	-17%	28%	2.5	2.8	1.3
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	2	2	0	39	35	4	-37	-33	-4	-1850%	-1650%	0%	8.2	7.7
NBT		0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
NBR		0	0	0	40	34	6	-40	-34	-6	0%	0%	0%	8.9	8.2	3.5
SBL		258	251	7	146	135	10	112	116	-3	43%	46%	-43%	7.9	8.3	1.0
SBT		0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
SBR		40	38	2	0	0	0	40	38	2	100%	100%	100%	8.9	8.7	2.0
EBL		76	71	5	12	12	0	64	59	5	84%	83%	100%	9.6	9.2	3.2
EBT		1547	1467	80	1488	1367	119	59	100	-39	4%	7%	-49%	1.5	2.7	3.9
EBR		2	1	1	21	13	8	-19	-12	-7	-950%	-1200%	-700%	5.6	4.5	3.3
WBL		1	0	1	17	12	5	-16	-12	-4	-1600%	0%	-400%	5.3	4.9	2.3
WBT		1348	1260	89	1640	1544	93	-292	-284	-4	-22%	-23%	-4%	7.6	7.6	0.4
WBR		1232	1209	23	408	399	8	824	810	15	67%	67%	65%	28.8	28.6	3.8
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL														
	NBT															
	NBR															
	SBL	482	423	59	343	177	166	139	246	-107	29%	58%	-181%	6.8	14.2	10.1
	SBT															
	SBR	245	217	28	175	128	47	70	89	-19	29%	41%	-68%	4.8	6.8	3.1
	EBL															
	EBT	1297	1231	66	1165	1067	95	132	164	-29	10%	13%	-44%	3.8	4.8	3.2
	EBR															
	WBL															
	WBT	2336	2226	110	1907	1843	60	429	383	50	18%	17%	45%	9.3	8.5	5.4
	WBR															
	Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	996	948	48	870	805	65	126	143	-17	13%	15%	-35%	4.1	4.8
NBT		0	0	0	1	1	0	-1	-1	0	0%	0%	0%	1.4	1.4	0.0
NBR		707	670	37	890	796	94	-183	-126	-57	-26%	-19%	-154%	6.5	4.7	7.0
SBL		1	1	0	1	1	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
SBT																
SBR		1	1	0	2	2	0	-1	-1	0	-100%	-100%	0%	0.8	0.8	0.0
EBL		0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
EBT		1480	1433	47	1194	986	205	286	447	-158	19%	31%	-336%	7.8	12.9	14.1
EBR																
WBL																
WBT		3015	2961	54	2153	1928	221	862	1033	-167	29%	35%	-309%	17.0	20.9	14.2
WBR		0	0	0	2	2	0	-2	-2	0	0%	0%	0%	2.0	2.0	0.0
Rutherford Road at Sweetriver Blvd.		NBL	987	889	99	382	311	70	605	578	29	61%	65%	29%	23.1	23.6
	NBT	138	127	11	16	16	0	122	111	11	88%	87%	100%	13.9	13.1	4.7
	NBR	282	273	9	92	89	3	190	184	6	67%	67%	67%	13.9	13.7	2.4
	SBL	71	65	6	16	16	0	55	49	6	77%	75%	100%	8.3	7.7	3.5
	SBT	38	35	3	7	7	0	31	28	3	82%	80%	100%	6.5	6.1	2.4
	SBR	319	306	13	59	51	8	260	255	5	82%	83%	38%	18.9	19.1	1.5
	EBL	176	164	12	84	80	4	92	84	8	52%	51%	67%	8.1	7.6	2.8
	EBT	1691	1413	279	1859	1608	249	-168	-195	30	-10%	-14%	11%	4.0	5.0	1.8
	EBR	267	256	11	101	71	29	166	185	-18	62%	72%	-164%	12.2	14.5	4.0
	WBL	116	111	5	46	39	7	70	72	-2	60%	65%	-40%	7.8	8.3	0.8
	WBT	1709	1445	265	1721	1570	148	-12	-125	117	-1%	-9%	44%	0.3	3.2	8.1
	WBR	59	57	2	5	5	0	54	52	2	92%	91%	100%	9.5	9.3	2.0
	Rutherford Road at Julliard Drive (Signalized)	NBL	226	203	23	125	104	18	101	99	5	45%	49%	22%	7.6	8.0
NBT		138	127	11	7	7	0	131	120	11	95%	94%	100%	15.4	14.7	4.7
NBR		282	273	9	172	159	10	110	114	-1	39%	42%	-11%	7.3	7.8	0.3
SBL		71	65	6	20	20	0	51	45	6	72%	69%	100%	7.6	6.9	3.5
SBT		38	35	3	8	8	0	30	27	3	79%	77%	100%	6.3	5.8	2.4
SBR		73	70	3	63	56	7	10	14	-4	14%	20%	-133%	1.2	1.8	1.8
EBL		193	181	13	95	90	5	98	91	8	51%	50%	62%	8.2	7.8	2.7
EBT		1738	1451	287	1811	1576	235	-73	-125	52	-4%	-9%	18%	1.7	3.2	3.2
EBR		70	67	3	19	15	2	51	52	1	73%	78%	33%	7.6	8.1	0.6
WBL		108	103	5	30	21	6	78	82	-1	72%	80%	-20%	9.4	10.4	0.4
WBT		1622	1371	252	1583	1452	131	39	-81	121	2%	-6%	48%	1.0	2.2	8.7
WBR		56	54	2	3	3	0	53	51	2	95%	94%	100%	9.8	9.6	2.0
Rutherford Road at Jane Street (Signalized)		NBL	246	227	19	255	205	50	-9	22	-31	-4%	10%	-163%	0.6	1.5
	NBT	1586	1552	35	869	826	35	717	726	0	45%	47%	0%	20.5	21.1	0.0
	NBR	464	451	13	167	158	7	297	293	6	64%	65%	46%	16.7	16.8	1.9
	SBL	88	88	0	122	122	0	-34	-34	0	-39%	-39%	0%	3.3	3.3	0.0
	SBT	443	435	8	367	346	12	76	89	-4	17%	20%	-50%	3.8	4.5	1.3
	SBR	127	125	2	149	128	21	-22	-3	-19	-17%	-2%	-950%	1.9	0.3	5.6
	EBL	382	379	3	334	316	18	48	63	-15	13%	17%	-500%	2.5	3.4	4.6
	EBT	1491	1361	131	1361	1247	111	130	114	20	9%	8%	15%	3.4	3.2	1.8
	EBR	185	171	14	301	198	103	-116	-27	-89	-63%	-16%	-636%	7.4	2.0	11.6
	WBL	124	97	27	224	207	16	-100	-110	11	-81%	-113%	41%	7.6	8.9	2.4

Intersection	Movement	PM Peak Hour															
		Observed			Modelled			Difference			Difference %			GEH			
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	
	WBT	1393	1301	92	1205	1136	66	188	165	26	13%	13%	28%	5.2	4.7	2.9	
	WBR	214	183	31	44	44	0	170	139	31	79%	76%	100%	15.0	13.0	7.9	
Jane Street at Riverock Gate (Signalized)	NBL	225	215	10	81	65	11	144	150	-1	64%	70%	-10%	11.6	12.7	0.3	
	NBT	1783	1664	119	1097	1021	76	686	643	43	38%	39%	36%	18.1	17.5	4.4	
	NBR	4	3	1	8	7	1	-4	-4	0	-100%	-133%	0%	1.6	1.8	0.0	
	SBL	14	14	1	76	62	14	-62	-48	-13	-443%	-343%	-1300%	9.2	7.8	4.7	
	SBT	524	498	26	770	652	118	-246	-154	-92	-47%	-31%	-354%	9.7	6.4	10.8	
	SBR	197	191	6	40	30	1	157	161	5	80%	84%	83%	14.4	15.3	2.7	
	EBL	239	235	4	49	38	1	190	197	3	79%	84%	75%	15.8	16.9	1.9	
	EBT	43	42	1	5	2	1	38	40	0	88%	95%	0%	7.8	8.5	0.0	
	EBR	91	88	3	43	35	4	48	53	-1	53%	60%	-33%	5.9	6.8	0.5	
	WBL	7	6	1	31	26	5	-24	-20	-4	-343%	-333%	-400%	5.5	5.0	2.3	
	WBT	178	167	11	27	23	2	151	144	9	85%	86%	82%	14.9	14.8	3.5	
	WBR	274	262	12	129	117	12	145	145	0	53%	55%	0%	10.2	10.5	0.0	
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL																
	NBT	1892	1712	180	1065	988	72	827	724	108	44%	42%	60%	21.5	19.7	9.6	
	NBR	18	13	5	8	6	2	10	7	3	56%	54%	60%	2.8	2.3	1.6	
	SBL	29	19	10	69	47	22	-40	-28	-12	-138%	-147%	-120%	5.7	4.9	3.0	
	SBT	598	530	69	786	678	104	-188	-148	-35	-31%	-28%	-51%	7.1	6.0	3.8	
	SBR																
	EBL																
	EBT																
	EBR																
	WBL	98	77	21	11	8	3	87	69	18	89%	90%	86%	11.8	10.6	5.2	
	WBT																
	WBR	117	106	11	101	87	14	16	19	-3	14%	18%	-27%	1.5	1.9	0.8	
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	394	374	20	289	245	44	105	129	-24	27%	34%	-120%	5.7	7.3	4.2	
	NBT	745	701	44	176	150	24	569	551	20	76%	79%	45%	26.5	26.7	3.4	
	NBR	34	27	7	41	38	3	-7	-11	4	-21%	-41%	57%	1.1	1.9	1.8	
	SBL	37	36	1	8	6	2	29	30	-1	78%	83%	-100%	6.1	6.5	0.8	
	SBT	226	220	6	59	44	13	167	176	-7	74%	80%	-117%	14.0	15.3	2.3	
	SBR	165	153	12	104	80	24	61	73	-12	37%	48%	-100%	5.3	6.8	2.8	
	EBL	89	83	6	44	26	18	45	57	-12	51%	69%	-200%	5.5	7.7	3.5	
	EBT	53	38	15	44	25	19	9	13	-4	17%	34%	-27%	1.3	2.3	1.0	
	EBR	54	46	8	99	55	44	-45	-9	-36	-83%	-20%	-450%	5.1	1.3	7.1	
	WBL	25	23	2	12	12	0	13	11	2	52%	48%	100%	3.0	2.6	2.0	
	WBT	397	368	29	191	149	42	206	219	-13	52%	60%	-45%	12.0	13.6	2.2	
	WBR	139	129	10	60	53	7	79	76	3	57%	59%	30%	7.9	8.0	1.0	
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	16	13	3	0	0	0	16	13	3	100%	100%	100%	5.7	5.1	2.4	
	NBT	168	163	5	48	20	28	120	143	-23	71%	88%	-460%	11.5	14.9	5.7	
	NBR	358	307	51	182	99	83	176	208	-32	49%	68%	-63%	10.7	14.6	3.9	
	SBL																
	SBT																
	SBR	300	266	34	94	73	21	206	193	13	69%	73%	38%	14.7	14.8	2.5	
	EBL																
	EBT																
	EBR																
	WBL																
	WBT	958	884	74	577	462	115	381	422	-41	40%	48%	-55%	13.8	16.3	4.2	
	WBR	65	60	5	21	18	3	44	42	2	68%	70%	40%	6.7	6.7	1.0	
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	0	0	0	57	50	7	-57	-50	-7	0%	0%	0%	10.7	10.0	3.7	
	NBT	1841	1795	46	863	793	65	978	1002	-19	53%	56%	-41%	26.6	27.9	2.6	
	NBR	100	82	18	229	152	77	-129	-70	-59	-129%	-85%	-328%	10.1	6.5	8.6	
	SBL	11	11	1	0	0	0	11	11	1	100%	100%	100%	4.7	4.7	1.4	
	SBT	717	663	55	654	570	79	63	93	-24	9%	14%	-44%	2.4	3.7	2.9	
	SBR	2	2	0	170	138	32	-168	-136	-32	-8400%	-6800%	0%	18.1	16.3	8.0	
	EBL	0	0	0	216	206	10	-216	-206	-10	0%	0%	0%	20.8	20.3	4.5	
	EBT	0	0	0	37	32	5	-37	-32	-5	0%	0%	0%	8.6	8.0	3.2	
	EBR	12	12	0	93	86	7	-81	-74	-7	-675%	-617%	0%	11.2	10.6	3.7	
	WBL	257	243	14	376	321	55	-119	-78	-41	-46%	-32%	-293%	6.7	4.6	7.0	
	WBT	0	0	0	85	63	22	-85	-63	-22	0%	0%	0%	13.0	11.2	6.6	
	WBR	69	69	1	0	0	0	69	69	1	100%	100%	100%	11.7	11.7	1.4	
Jane Street at Langstaff Road (Signalized)	NBL	205	181	24	318	301	17	-113	-120	7	-55%	-66%	29%	7.0	7.7	1.5	
	NBT	1236	1131	105	604	513	86	632	618	19	51%	55%	18%	20.8	21.6	1.9	
	NBR	66	57	9	9	6	3	57	51	6	86%	89%	67%	9.3	9.1	2.4	
	SBL	40	36	4	16	16	0	24	20	4	60%	56%	100%	4.5	3.9	2.8	
	SBT	648	602	46	628	540	83	20	62	-37	3%	10%	-80%	0.8	2.6	4.6	
	SBR	178	158	20	566	498	68	-388	-340	-48	-218%	-215%	-240%	20.1	18.8	7.2	
	EBL	317	289	29	491	416	75	-174	-127	-46	-55%	-44%	-159%	8.7	6.8	6.4	
	EBT	592	510	83	205	188	17	387	322	66	65%	63%	80%	19.4	17.2	9.3	
	EBR	86	75	12	98	85	13	-12	-10	-1	-14%	-13%	-8%	1.3	1.1	0.3	
	WBL	66	56	10	4	4	0	62	52	10	94%	93%	100%	10.5	9.5	4.5	
	WBT	465	389	76	15	14	1	450	375	75	97%	96%	99%	29.0	26.4	12.1	
	WBR	52	43	9	12	12	0	40	31	9	77%	72%	100%	7.1	5.9	4.2	
Langstaff Road at Millway Avenue (Signalized)	NBL	142	135	7	54	41	13	88	94	-6	62%	70%	-86%	8.9	10.0	1.9	
	NBT	33	27	6	7	5	2	26	22	4	79%	81%	67%	5.8	5.5	2.0	
	NBR	32	31	1	449	414	35	-417	-383	-34	-1303%	-1235%	-3400%	26.9	25.7	8.0	
	SBL	4	3	1	17	14	3	-13	-11	-2	-325%	-367%	-200%	4.0	3.8	1.4	
	SBT	14	12	2	11	10	1	3	2	1	21%	17%	50%	0.8	0.6	0.8	
	SBR	83	82	1	80	72	8	3	10	-7	4%	12%	-700%	0.3	1.1	3.3	
	EBL	116	108	8	287	269	18	-171	-161	-10	-147%	-149%	-125%	12.0	11.7	2.8	
EBT	949	879	71	309	244	65	640	635	6	67%	72%	8%	25.5	26.8	0.7		

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
	EBR	59	53	6	10	10	0	49	43	6	83%	81%	100%	8.3	7.7	3.5
	WBL	33	30	4	184	176	8	-151	-146	-4	-458%	-487%	-100%	14.5	14.4	1.6
	WBT	819	769	50	755	670	85	64	99	-35	8%	13%	-70%	2.3	3.7	4.3
	WBR	12	12	0	3	3	0	9	9	0	75%	75%	0%	3.3	3.3	0.0
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	358	355	3	467	449	18	-109	-94	-15	-30%	-26%	-500%	5.4	4.7	4.6
	NBT	415	404	11	61	55	6	354	349	5	85%	86%	45%	22.9	23.0	1.7
	NBR	78	77	1	289	270	19	-211	-193	-18	-271%	-251%	-1800%	15.6	14.7	5.7
	SBL	40	38	2	28	24	4	12	14	-2	30%	37%	-100%	2.1	2.5	1.2
	SBT	171	168	3	37	31	6	134	137	-3	78%	82%	-100%	13.1	13.7	1.4
	SBR	666	661	5	597	542	53	69	119	-48	10%	18%	-960%	2.7	4.9	8.9
	EBL	273	257	16	254	212	40	19	45	-24	7%	18%	-150%	1.2	2.9	4.5
	EBT	986	924	62	291	230	61	695	694	1	70%	75%	2%	27.5	28.9	0.1
	EBR	130	124	7	284	264	20	-154	-140	-13	-118%	-113%	-186%	10.7	10.1	3.5
	WBL	31	31	0	60	35	25	-29	-4	-25	-94%	-13%	0%	4.3	0.7	7.1
	WBT	1031	1003	28	831	751	80	200	252	-52	19%	25%	-186%	6.6	8.5	7.1
	WBR	21	18	3	29	25	4	-8	-7	-1	-38%	-39%	-33%	1.6	1.5	0.5
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	723	701	22	486	459	27	237	242	-5	33%	35%	-23%	9.6	10.0	1.0
	NBT															
	NBR	473	421	52	129	83	46	344	338	6	73%	80%	12%	19.8	21.3	0.9
	SBL															
	SBT															
	SBR															
	EBL															
	EBT	883	848	35	713	635	76	170	213	-41	19%	25%	-117%	6.0	7.8	5.5
	EBR															
	WBL															
	WBT	2055	1993	62	1878	1723	153	177	270	-91	9%	14%	-147%	4.0	6.3	8.8
	WBR															
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	252	247	5	3	3	0	249	244	5	99%	99%	100%	22.1	21.8	3.2
	NBT	315	303	12	2	0	2	313	303	10	99%	100%	83%	24.9	24.6	3.8
	NBR	532	528	4	116	98	18	416	430	-14	78%	81%	-350%	23.1	24.3	4.2
	SBL	294	284	10	176	161	15	118	123	-5	40%	43%	-50%	7.7	8.2	1.4
	SBT	134	132	2	0	0	0	134	132	2	100%	100%	100%	16.4	16.2	2.0
	SBR	120	118	2	83	70	13	37	48	-11	31%	41%	-550%	3.7	5.0	4.0
	EBL	136	129	7	32	20	12	104	109	-5	76%	84%	-71%	11.3	12.6	1.6
	EBT	836	799	38	681	614	65	155	185	-27	19%	23%	-71%	5.6	7.0	3.8
	EBR	108	108	1	0	0	0	108	108	1	100%	100%	100%	14.7	14.7	1.4
	WBL	281	271	10	53	48	5	228	223	5	81%	82%	50%	17.6	17.7	1.8
	WBT	1523	1502	21	1373	1293	78	150	209	-57	10%	14%	-271%	3.9	5.6	8.1
	WBR	362	349	13	191	177	14	171	172	-1	47%	49%	-8%	10.3	10.6	0.3
Langstaff Road at Weston Road (Signalized)	NBL	224	207	17	71	64	7	153	143	10	68%	69%	59%	12.6	12.3	2.9
	NBT	860	779	81	628	578	48	232	201	33	27%	26%	41%	8.5	7.7	4.1
	NBR	125	110	15	177	138	39	-52	-28	-24	-42%	-25%	-160%	4.2	2.5	4.6
	SBL	197	181	17	153	145	8	44	36	9	22%	20%	53%	3.3	2.8	2.5
	SBT	475	451	24	183	154	28	292	297	-4	61%	66%	-17%	16.1	17.1	0.8
	SBR	248	237	12	66	57	9	182	180	3	73%	76%	25%	14.5	14.8	0.9
	EBL	196	180	16	165	162	3	31	18	13	16%	10%	81%	2.3	1.4	4.2
	EBT	718	649	69	386	353	31	332	296	38	46%	46%	55%	14.1	13.2	5.4
	EBR	78	74	4	36	34	2	42	40	2	54%	54%	50%	5.6	5.4	1.2
	WBL	129	113	17	152	135	17	-23	-22	0	-18%	-19%	0%	1.9	2.0	0.0
	WBT	1297	1159	139	824	792	30	473	367	109	36%	32%	78%	14.5	11.8	11.9
	WBR	468	424	45	495	455	40	-27	-31	5	-6%	-7%	11%	1.2	1.5	0.8
Weston Road at Green Park Blvd. (Signalized)	NBL	62	62	0	175	171	4	-113	-109	-4	-182%	-176%	0%	10.4	10.1	2.8
	NBT	1450	1442	9	1138	1057	79	312	385	-70	22%	27%	-778%	8.7	10.9	10.6
	NBR	42	40	2	15	10	5	27	30	-3	64%	75%	-150%	5.1	6.0	1.6
	SBL	107	106	1	96	74	22	11	32	-21	10%	30%	-2100%	1.1	3.4	6.2
	SBT	788	781	7	328	288	39	460	493	-32	58%	63%	-457%	19.5	21.3	6.7
	SBR	30	31	0	1	1	0	29	30	0	97%	97%	0%	7.4	7.5	0.0
	EBL	56	57	0	2	2	0	54	55	0	96%	96%	0%	10.0	10.1	0.0
	EBT	18	18	0	6	6	0	12	12	0	67%	67%	0%	3.5	3.5	0.0
	EBR	25	25	0	74	68	6	-49	-43	-6	-196%	-172%	0%	7.0	6.3	3.5
	WBL	107	105	2	6	6	0	101	99	2	94%	94%	100%	13.4	13.3	2.0
	WBT	53	53	0	8	8	0	45	45	0	85%	85%	0%	8.1	8.1	0.0
	WBR	602	603	0	289	270	19	313	333	-19	52%	55%	0%	14.8	15.9	6.2
Weston Road at Valeria Blvd. (Unsignalized)	NBL	65	57	8	156	155	1	-91	-98	7	-140%	-172%	88%	8.7	9.5	3.3
	NBT	2071	1895	176	1308	1207	100	763	688	76	37%	36%	43%	18.6	17.5	6.5
	NBR															
	SBL															
	SBT	902	851	51	373	315	57	529	536	-6	59%	63%	-12%	21.0	22.2	0.8
	SBR	43	40	3	2	2	0	41	38	3	95%	95%	100%	8.6	8.3	2.4
	EBL	31	30	1	0	0	0	31	30	1	100%	100%	100%	7.9	7.7	1.4
	EBT															
	EBR	23	22	1	51	48	3	-28	-26	-2	-122%	-118%	-200%	4.6	4.4	1.4
	WBL															
	WBT															
	WBR															
Weston Road at Astona Blvd.	NBL	215	192	24	38	38	0	177	154	24	82%	80%	100%	15.7	14.4	6.9
	NBT	1886	1762	125	1284	1182	101	602	580	24	32%	33%	19%	15.1	15.1	2.3
	NBR															
	SBL															
	SBT	816	771	45	374	317	56	442	454	-11	54%	59%	-24%	18.1	19.5	1.5
SBR	146	138	8	121	118	3	25	20	5	17%	14%	63%	2.2	1.8	2.1	

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
(Signalized)	EBL	106	98	8	105	97	8	1	1	0	1%	1%	0%	0.1	0.1	0.0
	EBT															
	EBR	129	120	9	1	1	0	128	119	9	99%	99%	100%	15.9	15.3	4.2
	WBL															
	WBT															
	WBR															
Hwy 400 at Rutherford Road (Unsignalized Ramp / Mainline)	NBL															
	NB (North of Interchange)	7225			7302			-77			-1%			0.9		
	NBR															
	SBL															
	SBT															
	SBR															
	EBL (West to North On-Ramp)	301			319			-18			-6%			1.0		
	EBT															
	EBR (West to South On-Ramp)	508			509			-1			0%			0.0		
	WBL (East to South On-Ramp)	843			492			351			42%			13.6		
WBT																
WBR (East to North On-Ramp)	832			620			212						7.9			
Hwy 400 at Bass Pro Mills Drive (Unsignalized Ramp / Mainline)	NBL															
	NB (South of NB Off Ramp)	8337			8302			35			0%			0.4		
	SB (South of SB On Ramp)	5780			4719			1061			18%			14.6		
	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR															
	WBL (East to South On-Ramp)	1274			673			601			47%			19.3		
WBT																
WBR																
Hwy 400 at Langstaff Road (Unsignalized Ramp / Mainline)	NB Transfer (South of Langstaff Rd)	2094			1646			448			21%			10.4		
	SB Collector (South of Langstaff Rd)	2748			1915			833			30%			17.3		
	SB Collector (North of Langstaff Rd)	1357			900			457			34%			13.6		
	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR (West to South On-Ramp)	779			264			515			66%			22.6		
	WBL (East to South On-Ramp)	612			751			-139			-23%			5.3		
WBT																
WBR																
Total		118,661	80,320	5,689	91,749	56,793	6,381	26,912	23,527	-692						

Appendix H MODELLED VS. OBSERVED TURNING MOVEMENT RESULTS- SCENARIO 2 WITH ADJUSTED OD DEMAND



Intersection	Movement	AM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
Rutherford Road at Weston Road (Signalized)	NBL	106	93	13	102	95	7	4	-2	6	4%	-2%	46%	0.4	0.2	1.9
	NBT	391	357	34	333	317	14	58	40	20	15%	11%	59%	3.0	2.2	4.1
	NBR	580	534	46	403	334	69	177	200	-23	31%	37%	-50%	8.0	9.6	3.0
	SBL	458	432	26	551	529	22	-93	-97	4	-20%	-22%	15%	4.1	4.4	0.8
	SBT	1239	1152	88	1148	1073	73	91	79	15	7%	7%	17%	2.6	2.4	1.7
	SBR	28	25	3	25	22	3	3	3	0	11%	12%	0%	0.6	0.6	0.0
	EBL	32	29	3	52	50	2	-20	-21	1	-63%	-72%	33%	3.1	3.3	0.6
	EBT	1396	1290	106	1323	1206	115	73	84	-9	5%	7%	-8%	2.0	2.4	0.9
	EBR	78	67	11	82	77	5	-4	-10	6	-5%	-15%	55%	0.4	1.2	2.1
	WBL	186	152	35	136	82	54	50	70	-19	27%	46%	-54%	3.9	6.5	2.8
	WBT	719	618	102	757	654	101	-38	-36	1	-5%	-6%	1%	1.4	1.4	0.1
	WBR	194	182	12	189	177	12	5	5	0	3%	3%	0%	0.4	0.4	0.0
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	0	0	0	6	6	0	-6	-6	0	0%	0%	0%	3.5	3.5
NBT		0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
NBR		5	3	2	7	7	0	-2	-4	2	-40%	-133%	100%	0.8	1.8	2.0
SBL		672	634	38	630	612	17	42	22	21	6%	3%	55%	1.6	0.9	4.0
SBT		1	1	0	0	0	0	1	1	0	100%	100%	0%	1.4	1.4	0.0
SBR		5	4	1	3	3	0	2	1	1	40%	25%	100%	1.0	0.5	1.4
EBL		19	15	4	6	6	0	13	9	4	68%	60%	100%	3.7	2.8	2.8
EBT		2413	2239	174	2243	2039	202	170	200	-28	7%	9%	-16%	3.5	4.3	2.0
EBR		1	1	0	3	3	0	-2	-2	0	-200%	-200%	0%	1.4	1.4	0.0
WBL		0	0	0	1	1	0	-1	-1	0	0%	0%	0%	1.4	1.4	0.0
WBT		1120	986	134	1019	880	157	101	126	-23	9%	13%	-17%	3.1	4.1	1.9
WBR		135	121	15	91	83	7	44	38	8	33%	31%	53%	4.1	3.8	2.4
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL														
	NBT															
	NBR															
	SBL	651	535	116	639	520	119	12	15	-3	2%	3%	-3%	0.5	0.7	0.3
	SBT															
	SBR	231	184	47	205	177	28	26	7	19	11%	4%	40%	1.8	0.5	3.1
	EBL															
	EBT	1686	1563	123	1438	1301	134	248	262	-11	15%	17%	-9%	6.3	6.9	1.0
	EBR															
	WBL															
	WBT	1022	933	89	908	769	136	114	164	-47	11%	18%	-53%	3.7	5.6	4.4
	WBR															
	Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	268	243	25	407	255	152	-139	-12	-127	-52%	-5%	-508%	7.6	0.8
NBT		0	0	0	8	5	3	-8	-5	-3	0%	0%	0%	4.0	3.2	2.4
NBR		659	565	94	688	581	107	-29	-16	-13	-4%	-3%	-14%	1.1	0.7	1.3
SBL		0	0	0	7	4	3	-7	-4	-3	0%	0%	0%	3.7	2.8	2.4
SBT																
SBR		0	0	0	5	2	3	-5	-2	-3	0%	0%	0%	3.2	2.0	2.4
EBL		0	0	0	4	3	1	-4	-3	-1	0%	0%	0%	2.8	2.4	1.4
EBT		2107	1930	177	1793	1593	197	314	337	-20	15%	17%	-11%	7.1	8.0	1.5
EBR																
WBL																
WBT		2263	1985	278	2257	1941	313	6	44	-35	0%	2%	-13%	0.1	1.0	2.0
WBR		2	0	2	3	3	0	-1	-3	2	-50%	0%	100%	0.6	2.4	2.0
Rutherford Road at Sweetriver Blvd.		NBL	49	36	13	148	107	40	-99	-71	-27	-202%	-197%	-208%	10.0	8.4
	NBT	42	34	8	6	6	0	36	28	8	86%	82%	100%	7.3	6.3	4.0
	NBR	33	32	1	24	14	10	9	18	-9	27%	56%	-900%	1.7	3.8	3.8
	SBL	90	85	5	55	51	4	35	34	1	39%	40%	20%	4.1	4.1	0.5
	SBT	91	89	2	61	61	0	30	28	2	33%	31%	100%	3.4	3.2	2.0
	SBR	167	142	25	161	160	1	6	-18	24	4%	-13%	96%	0.5	1.5	6.7
	EBL	99	93	6	134	131	3	-35	-38	3	-35%	-41%	50%	3.2	3.6	1.4
	EBT	2289	2033	256	2072	1835	234	217	198	22	9%	10%	9%	4.6	4.5	1.4
	EBR	335	306	29	251	186	64	84	120	-35	25%	39%	-121%	4.9	7.7	5.1
	WBL	81	74	7	91	81	10	-10	-7	-3	-12%	-9%	-43%	1.1	0.8	1.0
	WBT	2066	1726	341	1947	1670	275	119	56	66	6%	3%	19%	2.7	1.4	3.8
	WBR	48	48	1	46	46	0	2	2	1	4%	4%	100%	0.3	0.3	1.4
	Rutherford Road at Julliard Drive (Signalized)	NBL	49	36	13	11	1	8	38	35	5	78%	97%	38%	6.9	8.1
NBT		42	34	8	8	5	3	34	29	5	81%	85%	63%	6.8	6.6	2.1
NBR		33	32	1	34	17	14	-1	15	-13	-3%	47%	-1300%	0.2	3.0	4.7
SBL		90	85	5	79	77	2	11	8	3	12%	9%	60%	1.2	0.9	1.6
SBT		91	89	2	72	72	0	19	17	2	21%	19%	100%	2.1	1.9	2.0
SBR		97	83	14	89	77	12	8	6	2	8%	7%	14%	0.8	0.7	0.6
EBL		105	99	6	89	73	16	16	26	-10	15%	26%	-167%	1.6	2.8	3.0
EBT		2173	1930	243	2010	1783	227	163	147	16	8%	8%	7%	3.6	3.4	1.0
EBR		88	80	8	38	32	3	50	48	5	57%	60%	63%	6.3	6.4	2.1
WBL		90	83	7	105	99	4	-15	-16	3	-17%	-19%	43%	1.5	1.7	1.3
WBT		2084	1741	344	1997	1731	266	87	10	78	4%	1%	23%	1.9	0.2	4.5
WBR		53	53	1	48	48	0	5	5	1	9%	9%	100%	0.7	0.7	1.4
Rutherford Road at Jane Street (Signalized)		NBL	91	61	30	73	46	27	18	15	3	20%	25%	10%	2.0	2.1
	NBT	255	230	26	320	293	18	-65	-63	8	-25%	-27%	31%	3.8	3.9	1.7
	NBR	94	77	17	64	51	12	30	26	5	32%	34%	29%	3.4	3.3	1.3
	SBL	113	106	7	101	94	7	12	12	0	11%	11%	0%	1.2	1.2	0.0
	SBT	1520	1484	37	1169	1124	36	351	360	1	23%	24%	3%	9.6	10.0	0.2
	SBR	136	131	5	163	142	21	-27	-11	-16	-20%	-8%	-320%	2.2	0.9	4.4
	EBL	162	154	9	166	157	9	-4	-3	0	-2%	-2%	0%	0.3	0.2	0.0
	EBT	1707	1497	210	1705	1498	205	2	-1	5	0%	0%	2%	0.0	0.0	0.3
	EBR	385	359	27	234	207	27	151	152	0	39%	42%	0%	8.6	9.0	0.0
	WBL	155	135	21	285	252	32	-130	-117	-11	-84%	-87%	-52%	8.8	8.4	2.1

Intersection	Movement	AM Peak Hour															
		Observed			Modelled			Difference			Difference %			GEH			
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	
	WBT	2041	1865	176	1927	1703	222	114	162	-46	6%	9%	-26%	2.6	3.8	3.3	
	WBR	534	501	33	554	519	35	-20	-18	-2	-4%	-4%	-6%	0.9	0.8	0.3	
Jane Street at Riverock Gate (Signalized)	NBL	77	66	12	56	39	12	21	27	0	27%	41%	0%	2.6	3.7	0.0	
	NBT	366	297	69	400	346	54	-34	-49	15	-9%	-16%	22%	1.7	2.7	1.9	
	NBR	5	5	1	7	7	0	-2	-2	1	-40%	-40%	100%	0.8	0.8	1.4	
	SBL	102	91	11	84	84	0	18	7	11	18%	8%	100%	1.9	0.7	4.7	
	SBT	1785	1699	86	1500	1409	91	285	290	-5	16%	17%	-6%	7.0	7.4	0.5	
	SBR	143	143	1	95	82	3	48	61	-2	34%	43%	-200%	4.4	5.8	1.4	
	EBL	50	46	4	46	30	5	4	16	-1	8%	35%	-25%	0.6	2.6	0.5	
	EBT	77	74	3	29	27	0	48	47	3	62%	64%	100%	6.6	6.6	2.4	
	EBR	89	84	5	144	113	26	-55	-29	-21	-62%	-35%	-420%	5.1	2.9	5.3	
	WBL	3	1	2	6	6	0	-3	-5	2	-100%	-500%	100%	1.4	2.7	2.0	
	WBT	35	28	7	7	5	0	28	23	7	80%	82%	100%	6.1	5.7	3.7	
	WBR	24	11	13	24	24	0	0	-13	13	0%	-118%	100%	0.0	3.1	5.1	
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL																
	NBT	431	361	70	444	386	53	-13	-25	17	-3%	-7%	24%	0.6	1.3	2.2	
	NBR	56	47	9	47	47	0	9	0	9	16%	0%	100%	1.3	0.0	4.2	
	SBL	85	76	9	93	89	4	-8	-13	5	-9%	-17%	56%	0.8	1.4	2.0	
	SBT	1810	1619	192	1655	1518	132	155	101	60	9%	6%	31%	3.7	2.6	4.7	
	SBR																
	EBL																
	EBT																
	EBR																
	WBL	32	21	11	24	24	0	8	-3	11	25%	-14%	100%	1.5	0.6	4.7	
	WBT																
	WBR	16	11	5	22	8	14	-6	3	-9	-38%	27%	-180%	1.4	1.0	2.9	
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	62	49	13	36	21	15	26	28	-2	42%	57%	-15%	3.7	4.7	0.5	
	NBT	145	125	20	142	123	17	3	2	3	2%	2%	15%	0.3	0.2	0.7	
	NBR	13	10	3	36	29	7	-23	-19	-4	-177%	-190%	-133%	4.6	4.3	1.8	
	SBL	58	54	4	27	17	10	31	37	-6	53%	69%	-150%	4.8	6.2	2.3	
	SBT	345	326	19	244	227	15	101	99	4	29%	30%	21%	5.9	6.0	1.0	
	SBR	15	14	1	75	60	15	-60	-46	-14	-400%	-329%	-1400%	8.9	7.6	4.9	
	EBL	110	102	8	60	55	5	50	47	3	45%	46%	38%	5.4	5.3	1.2	
	EBT	223	196	27	297	263	34	-74	-67	-7	-33%	-34%	-26%	4.6	4.4	1.3	
	EBR	484	448	36	528	465	63	-44	-17	-27	-9%	-4%	-75%	2.0	0.8	3.8	
	WBL	5	4	1	8	5	3	-3	-1	-2	-60%	-25%	-200%	1.2	0.5	1.4	
	WBT	52	29	23	41	24	17	11	5	6	21%	17%	26%	1.6	1.0	1.3	
	WBR	29	24	5	20	15	5	9	9	0	31%	38%	0%	1.8	2.0	0.0	
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	10	8	2	0	0	0	10	8	2	100%	100%	100%	4.5	4.0	2.0	
	NBT	115	100	15	80	68	12	35	32	3	30%	32%	20%	3.5	3.5	0.8	
	NBR	820	763	57	901	797	104	-81	-34	-47	-10%	-4%	-82%	2.8	1.2	5.2	
	SBL																
	SBT																
	SBR	75	68	7	64	54	10	11	14	-3	15%	21%	-43%	1.3	1.8	1.0	
	EBL																
	EBT																
	EBR																
	WBL																
	WBT	123	83	40	141	93	48	-18	-10	-8	-15%	-12%	-20%	1.6	1.1	1.2	
	WBR	8	6	2	10	9	1	-2	-3	1	-25%	-50%	50%	0.7	1.1	0.8	
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	9	4	5	26	19	7	-17	-15	-2	-189%	-375%	-40%	4.1	4.4	0.8	
	NBT	472	422	50	444	394	45	28	28	5	6%	7%	10%	1.3	1.4	0.7	
	NBR	237	217	20	233	218	15	4	-1	5	2%	0%	25%	0.3	0.1	1.2	
	SBL	40	39	2	45	45	0	-5	-6	2	-13%	-15%	100%	0.8	0.9	2.0	
	SBT	1770	1708	62	1522	1415	102	248	293	-40	14%	17%	-65%	6.1	7.4	4.4	
	SBR	8	6	3	109	87	22	-101	-81	-19	-1263%	-1350%	-833%	13.2	11.9	5.4	
	EBL	4	1	4	39	26	13	-35	-25	-9	-875%	-2500%	-225%	7.5	6.8	3.1	
	EBT	0	0	0	24	18	6	-24	-18	-6	0%	0%	0%	6.9	6.0	3.5	
	EBR	11	8	3	160	128	32	-149	-120	-29	-1355%	-1500%	-967%	16.1	14.6	6.9	
	WBL	97	70	27	116	78	38	-19	-8	-11	-20%	-11%	-41%	1.8	0.9	1.9	
	WBT	0	0	0	5	4	1	-5	-4	-1	0%	0%	0%	3.2	2.8	1.4	
	WBR	11	8	3	13	13	0	-2	-5	3	-18%	-63%	100%	0.6	1.5	2.4	
Jane Street at Langstaff Road (Signalized)	NBL	111	96	15	120	103	17	-9	-7	-2	-8%	-7%	-13%	0.8	0.7	0.5	
	NBT	433	378	55	470	404	61	-37	-26	-6	-9%	-7%	-11%	1.7	1.3	0.8	
	NBR	58	45	13	62	48	14	-4	-3	-1	-7%	-7%	-8%	0.5	0.4	0.3	
	SBL	52	43	9	147	119	28	-95	-76	-19	-183%	-177%	-211%	9.5	8.4	4.4	
	SBT	1047	948	99	1123	994	125	-76	-46	-26	-7%	-5%	-26%	2.3	1.5	2.5	
	SBR	269	226	43	383	336	47	-114	-110	-4	-42%	-49%	-9%	6.3	6.6	0.6	
	EBL	193	164	30	166	161	5	27	3	25	14%	2%	83%	2.0	0.2	6.0	
	EBT	600	501	99	686	636	50	-86	-135	49	-14%	-27%	49%	3.4	5.7	5.7	
	EBR	285	261	25	301	292	9	-16	-31	16	-6%	-12%	64%	0.9	1.9	3.9	
	WBL	64	52	12	52	45	7	12	7	5	19%	13%	42%	1.6	1.0	1.6	
	WBT	366	257	109	312	244	68	54	13	41	15%	5%	38%	2.9	0.8	4.4	
	WBR	25	17	8	77	74	3	-52	-57	5	-208%	-335%	63%	7.3	8.5	2.1	
Langstaff Road at Millway Avenue (Signalized)	NBL	24	20	4	8	6	2	16	14	2	67%	70%	50%	4.0	3.9	1.2	
	NBT	7	7	0	5	4	1	2	3	-1	29%	43%	0%	0.8	1.3	1.4	
	NBR	21	19	2	23	21	2	-2	-2	0	-10%	-11%	0%	0.4	0.4	0.0	
	SBL	1	1	0	6	3	3	-5	-2	-3	-500%	-200%	0%	2.7	1.4	2.4	
	SBT	10	10	0	24	23	1	-14	-13	-1	-140%	-130%	0%	3.4	3.2	1.4	
	SBR	59	56	3	0	0	0	59	56	3	100%	100%	100%	10.9	10.6	2.4	
	EBL	91	88	4	107	106	1	-16	-18	3	-18%	-20%	75%	1.6	1.8	1.9	
	EBT	1100	1042	59	1129	1070	59	-29	-28	0	-3%	-3%	0%	0.9	0.9	0.0	

Intersection	Movement	AM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
	EBR	162	162	1	149	147	2	13	15	-1	8%	9%	-100%	1.0	1.2	0.8
	WBL	57	57	0	66	38	28	-9	19	-28	-16%	33%	0%	1.1	2.8	7.5
	WBT	672	597	75	733	632	101	-61	-35	-26	-9%	-6%	-35%	2.3	1.4	2.8
	WBR	12	12	0	20	16	4	-8	-4	-4	-67%	-33%	0%	2.0	1.1	2.8
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	114	105	9	145	127	18	-31	-22	-9	-27%	-21%	-100%	2.7	2.0	2.4
	NBT	94	78	16	80	76	4	14	2	12	15%	3%	75%	1.5	0.2	3.8
	NBR	45	38	7	48	47	1	-3	-9	6	-7%	-24%	86%	0.4	1.4	3.0
	SBL	33	25	8	31	20	11	2	5	-3	6%	20%	-38%	0.4	1.1	1.0
	SBT	146	140	6	81	74	7	65	66	-1	45%	47%	-17%	6.1	6.4	0.4
	SBR	192	153	39	203	145	56	-11	8	-17	-6%	5%	-44%	0.8	0.7	2.5
	EBL	365	346	19	237	217	18	128	129	1	35%	37%	5%	7.4	7.7	0.2
	EBT	1289	1218	71	1287	1238	49	2	-20	22	0%	-2%	31%	0.1	0.6	2.8
	EBR	545	538	8	503	480	23	42	58	-15	8%	11%	-188%	1.8	2.6	3.8
	WBL	55	53	2	39	37	2	16	16	0	29%	30%	0%	2.3	2.4	0.0
	WBT	632	540	92	646	546	100	-14	-6	-8	-2%	-1%	-9%	0.6	0.3	0.8
	WBR	32	26	6	70	60	10	-38	-34	-4	-119%	-131%	-67%	5.3	5.2	1.4
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	314	305	9	317	305	12	-3	0	-3	-1%	0%	-33%	0.2	0.0	0.9
	NBT															
	NBR	857	788	69	752	730	22	105	58	47	12%	7%	68%	3.7	2.1	7.0
	SBL															
	SBT															
	SBR															
	EBL															
	EBT	1381	1340	41	1302	1232	68	79	108	-27	6%	8%	-66%	2.2	3.0	3.7
	EBR															
	WBL															
	WBT	938	788	150	993	818	173	-55	-30	-23	-6%	-4%	-15%	1.8	1.1	1.8
	WBR															
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	63	61	2	59	59	0	4	2	2	6%	3%	100%	0.5	0.3	2.0
	NBT	53	50	3	47	47	0	6	3	3	11%	6%	100%	0.8	0.4	2.4
	NBR	331	309	22	338	325	13	-7	-16	9	-2%	-5%	41%	0.4	0.9	2.2
	SBL	228	218	10	213	197	16	15	21	-6	7%	10%	-60%	1.0	1.5	1.7
	SBT	151	144	7	169	164	5	-18	-20	2	-12%	-14%	29%	1.4	1.6	0.8
	SBR	40	34	6	47	19	28	-7	15	-22	-18%	44%	-367%	1.1	2.9	5.3
	EBL	60	56	4	80	58	22	-20	-2	-18	-33%	-4%	-450%	2.4	0.3	5.0
	EBT	1551	1504	47	1471	1387	82	80	117	-35	5%	8%	-74%	2.1	3.1	4.4
	EBR	220	211	9	230	230	0	-10	-19	9	-5%	-9%	100%	0.7	1.3	4.2
	WBL	322	306	16	281	255	26	41	51	-10	13%	17%	-63%	2.4	3.0	2.2
	WBT	559	496	63	636	530	104	-77	-34	-41	-14%	-7%	-65%	3.2	1.5	4.5
	WBR	165	158	7	204	190	14	-39	-32	-7	-24%	-20%	-100%	2.9	2.4	2.2
Langstaff Road at Weston Road (Signalized)	NBL	54	45	9	45	38	7	9	7	2	17%	16%	22%	1.3	1.1	0.7
	NBT	362	316	46	305	278	25	57	38	21	16%	12%	46%	3.1	2.2	3.5
	NBR	179	151	28	164	142	22	15	9	6	8%	6%	21%	1.1	0.7	1.2
	SBL	371	340	31	353	342	11	18	-2	20	5%	-1%	65%	0.9	0.1	4.4
	SBT	1067	979	89	957	890	65	110	89	24	10%	9%	27%	3.5	2.9	2.7
	SBR	270	251	19	254	250	4	16	1	15	6%	0%	79%	1.0	0.1	4.4
	EBL	263	240	23	210	207	3	53	33	20	20%	14%	87%	3.4	2.2	5.5
	EBT	1293	1197	96	1242	1171	69	51	26	27	4%	2%	28%	1.4	0.8	3.0
	EBR	142	134	8	165	155	10	-23	-21	-2	-16%	-16%	-25%	1.9	1.7	0.7
	WBL	128	100	28	143	127	16	-15	-27	12	-12%	-27%	43%	1.3	2.5	2.6
	WBT	398	295	103	327	255	70	71	40	33	18%	14%	32%	3.7	2.4	3.5
	WBR	132	114	18	193	151	42	-61	-37	-24	-46%	-32%	-133%	4.8	3.2	4.4
Weston Road at Green Park Blvd. (Signalized)	NBL	19	19	0	22	18	4	-3	1	-4	-16%	5%	0%	0.7	0.2	2.8
	NBT	655	638	18	587	528	57	68	110	-39	10%	17%	-217%	2.7	4.6	6.4
	NBR	62	56	6	82	76	6	-20	-20	0	-32%	-36%	0%	2.4	2.5	0.0
	SBL	299	297	3	357	313	44	-58	-16	-41	-19%	-5%	-1367%	3.2	0.9	8.5
	SBT	1603	1581	22	1477	1402	73	126	179	-51	8%	11%	-232%	3.2	4.6	7.4
	SBR	65	65	0	82	72	10	-17	-7	-10	-26%	-11%	0%	2.0	0.8	4.5
	EBL	67	67	0	37	30	7	30	37	-7	45%	55%	0%	4.2	5.3	3.7
	EBT	30	30	0	30	30	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
	EBR	73	72	1	86	83	3	-13	-11	-2	-18%	-15%	-200%	1.5	1.2	1.4
	WBL	32	31	1	12	7	5	20	24	-4	63%	77%	-400%	4.3	5.5	2.3
	WBT	6	5	1	3	3	0	3	2	1	50%	40%	100%	1.4	1.0	1.4
	WBR	42	35	7	60	48	12	-18	-13	-5	-43%	-37%	-71%	2.5	2.0	1.6
Weston Road at Valeria Blvd. (Unsignalized)	NBL	17	14	3	27	27	0	-10	-13	3	-59%	-93%	100%	2.1	2.9	2.4
	NBT	742	672	70	651	567	82	91	105	-12	12%	16%	-17%	3.4	4.2	1.4
	NBR															
	SBL															
	SBT	1886	1724	162	1807	1678	127	79	46	35	4%	3%	22%	1.8	1.1	2.9
	SBR	16	16	0	15	15	0	1	1	0	6%	6%	0%	0.3	0.3	0.0
	EBL	23	23	0	17	17	0	6	6	0	26%	26%	0%	1.3	1.3	0.0
	EBT															
	EBR	81	79	2	115	115	0	-34	-36	2	-42%	-46%	100%	3.4	3.7	2.0
	WBL															
	WBT															
	WBR															
Weston Road at Astona Blvd.	NBL	56	50	6	83	79	4	-27	-29	2	-48%	-58%	33%	3.2	3.6	0.9
	NBT	701	634	67	574	500	72	127	134	-5	18%	21%	-7%	5.0	5.6	0.6
	NBR															
	SBL															
	SBT	1443	1315	128	1317	1190	125	126	125	3	9%	10%	2%	3.4	3.5	0.3
	SBR	60	50	10	67	61	6	-7	-11	4	-12%	-22%	40%	0.9	1.5	1.4

Intersection	Movement	AM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
(Signalized)	EBL	338	314	25	272	258	14	66	56	11	20%	18%	44%	3.8	3.3	2.5
	EBT															
	EBR	459	422	37	492	492	0	-33	-70	37	-7%	-17%	100%	1.5	3.3	8.6
	WBL															
	WBT															
	WBR															
Hwy 400 at Rutherford Road (Unsignalized Ramp / Mainline)	NBL															
	NB (North of Interchange)	3982			3866			116			3%			1.9		
	NBR															
	SBL															
	SBT															
	SBR															
	EBL (West to North On-Ramp)	233			267			-34			-15%			2.2		
	EBT															
	EBR (West to South On-Ramp)	1403			1441			-38			-3%			1.0		
WBL (East to South On-Ramp)	1252			1313			-61			-5%			1.7			
WBT																
WBR (East to North On-Ramp)	256			441			-185						9.9			
Hwy 400 at Bass Pro Mills Drive (Unsignalized Ramp / Mainline)	NBL															
	NB (South of NB Off Ramp)	5365			5264			101			2%			1.4		
	SB (South of SB On Ramp)	7887			7820			67			1%			0.8		
	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR															
	WBL (East to South On-Ramp)	208			203			5			2%			0.3		
WBT																
WBR																
Hwy 400 at Langstaff Road (Unsignalized Ramp / Mainline)	NB Transfer (South of Langstaff Rd)	1078			1083			-5			0%			0.2		
	SB Collector (South of Langstaff Rd)	3539			3698			-159			-4%			2.6		
	SB Collector (North of Langstaff Rd)	2605			2832			-227			-9%			4.4		
	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR (West to South On-Ramp)	729			696			33			5%			1.2		
	WBL (East to South On-Ramp)	206			174			32			16%			2.3		
WBT																
WBR																
Total		105,453	69,546	7,194	102,344	65,603	7,476	3,109	3,943	-282						

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
Rutherford Road at Weston Road (Signalized)	NBL	351	325	26	331	299	32	20	26	-6	6%	8%	-23%	1.1	1.5	1.1
	NBT	1394	1285	110	1397	1306	90	-3	-21	20	0%	-2%	18%	0.1	0.6	2.0
	NBR	248	218	30	284	250	34	-36	-32	-4	-15%	-15%	-13%	2.2	2.1	0.7
	SBL	174	169	5	139	138	1	35	31	4	20%	18%	80%	2.8	2.5	2.3
	SBT	694	663	32	819	801	16	-125	-138	16	-18%	-21%	50%	4.5	5.1	3.3
	SBR	106	101	5	123	116	7	-17	-15	-2	-16%	-15%	-40%	1.6	1.4	0.8
	EBL	158	152	6	151	149	2	7	3	4	4%	2%	67%	0.6	0.2	2.0
	EBT	1189	1106	84	1179	1103	74	10	3	10	1%	0%	12%	0.3	0.1	1.1
	EBR	141	136	6	119	113	6	22	23	0	16%	17%	0%	1.9	2.1	0.0
	WBL	127	117	10	148	132	16	-21	-15	-6	-17%	-13%	-60%	1.8	1.3	1.7
	WBT	983	906	78	934	869	63	49	37	15	5%	4%	19%	1.6	1.2	1.8
	WBR	304	287	18	306	293	13	-2	-6	5	-1%	-2%	28%	0.1	0.4	1.3
Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	2	2	0	4	3	1	-2	-1	-1	-100%	-50%	0%	1.2	0.6	1.4
	NBT	0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
	NBR	0	0	0	3	1	2	-3	-1	-2	0%	0%	0%	2.4	1.4	2.0
	SBL	258	251	7	277	264	12	-19	-13	-5	-7%	-5%	-71%	1.2	0.8	1.6
	SBT	0	0	0	0	0	0	0	0	0	0%	0%	0%	0.0	0.0	0.0
	SBR	40	38	2	31	31	0	9	7	2	23%	18%	100%	1.5	1.2	2.0
	EBL	76	71	5	96	96	0	-20	-25	5	-26%	-35%	100%	2.2	2.7	3.2
	EBT	1547	1467	80	1504	1397	105	43	70	-25	3%	5%	-31%	1.1	1.8	2.6
	EBR	2	1	1	3	0	3	-1	1	-2	-50%	100%	-200%	0.6	1.4	1.4
	WBL	1	0	1	8	1	7	-7	-1	-6	-700%	0%	-600%	3.3	1.4	3.0
	WBT	1348	1260	89	1375	1281	91	-27	-21	-2	-2%	-2%	-2%	0.7	0.6	0.2
	WBR	1232	1209	23	1130	1106	23	102	103	0	8%	9%	0%	3.0	3.0	0.0
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)	NBL															
	NBT															
	NBR															
	SBL	482	423	59	390	330	60	92	93	-1	19%	22%	-2%	4.4	4.8	0.1
	SBT															
	SBR	245	217	28	229	208	21	16	9	7	7%	4%	25%	1.0	0.6	1.4
	EBL															
	EBT	1297	1231	66	1325	1239	83	-28	-8	-17	-2%	-1%	-26%	0.8	0.2	2.0
	EBR															
	WBL															
	WBT	2336	2226	110	2314	2209	101	22	17	9	1%	1%	8%	0.5	0.4	0.9
	WBR															
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	996	948	48	947	851	96	49	97	-48	5%	10%	-100%	1.6	3.2	5.7
	NBT	0	0	0	2	2	0	-2	-2	0	0%	0%	0%	2.0	2.0	0.0
	NBR	707	670	37	613	590	23	94	80	14	13%	12%	38%	3.7	3.2	2.6
	SBL	1	1	0	0	0	0	1	1	0	100%	100%	0%	1.4	1.4	0.0
	SBT															
	SBR	1	1	0	7	7	0	-6	-6	0	-600%	-600%	0%	3.0	3.0	0.0
	EBL	0	0	0	1	1	0	-1	-1	0	0%	0%	0%	1.4	1.4	0.0
	EBT	1480	1433	47	1356	1230	123	124	203	-76	8%	14%	-162%	3.3	5.6	8.2
	EBR															
	WBL															
	WBT	3015	2961	54	3052	2912	136	-37	49	-82	-1%	2%	-152%	0.7	0.9	8.4
	WBR	0	0	0	1	1	0	-1	-1	0	0%	0%	0%	1.4	1.4	0.0
Rutherford Road at Sweetriver Blvd.	NBL	987	889	99	863	857	5	124	32	94	13%	4%	95%	4.1	1.1	13.0
	NBT	138	127	11	106	106	0	32	21	11	23%	17%	100%	2.9	1.9	4.7
	NBR	282	273	9	104	102	2	178	171	7	63%	63%	78%	12.8	12.5	3.0
	SBL	71	65	6	109	109	0	-38	-44	6	-54%	-88%	100%	4.0	4.7	3.5
	SBT	38	35	3	25	25	0	13	10	3	34%	29%	100%	2.3	1.8	2.4
	SBR	319	306	13	317	317	0	2	-11	13	1%	-4%	100%	0.1	0.6	5.1
	EBL	176	164	12	227	227	0	-51	-63	12	-29%	-38%	100%	3.6	4.5	4.9
	EBT	1691	1413	279	1520	1381	137	171	32	142	10%	2%	51%	4.3	0.9	9.8
	EBR	267	256	11	173	167	5	94	89	6	35%	35%	55%	6.3	6.1	2.1
	WBL	116	111	5	152	140	12	-36	-29	-7	-31%	-26%	-140%	3.1	2.6	2.4
	WBT	1709	1445	265	1854	1725	126	-145	-280	139	-8%	-19%	52%	3.4	7.0	9.9
	WBR	59	57	2	30	30	0	29	27	2	49%	47%	100%	4.3	4.1	2.0
Rutherford Road at Julliard Drive (Signalized)	NBL	226	203	23	333	323	7	-107	-120	16	-47%	-59%	70%	6.4	7.4	4.1
	NBT	138	127	11	139	139	0	-1	-12	11	-1%	-9%	100%	0.1	1.0	4.7
	NBR	282	273	9	294	281	10	-12	-8	-1	-4%	-3%	-11%	0.7	0.5	0.3
	SBL	71	65	6	69	69	0	2	-4	6	3%	-6%	100%	0.2	0.5	3.5
	SBT	38	35	3	42	42	0	-4	-7	3	-11%	-20%	100%	0.6	1.1	2.4
	SBR	73	70	3	100	100	0	-27	-30	3	-37%	-43%	100%	2.9	3.3	2.4
	EBL	193	181	13	170	167	3	23	14	10	12%	8%	77%	1.7	1.1	3.5
	EBT	1738	1451	287	1570	1421	149	168	30	138	10%	2%	48%	4.1	0.8	9.3
	EBR	70	67	3	58	53	3	12	14	0	17%	21%	0%	1.5	1.8	0.0
	WBL	108	103	5	116	113	0	-8	-10	5	-7%	-10%	100%	0.8	1.0	3.2
	WBT	1622	1371	252	1643	1510	133	-21	-139	119	-1%	-10%	47%	0.5	3.7	8.6
	WBR	56	54	2	67	67	0	-11	-13	2	-20%	-24%	100%	1.4	1.7	2.0
Rutherford Road at Jane Street (Signalized)	NBL	246	227	19	361	325	36	-115	-98	-17	-47%	-43%	-89%	6.6	5.9	3.2
	NBT	1586	1552	35	1675	1618	49	-89	-66	-14	-6%	-4%	-40%	2.2	1.7	2.2
	NBR	464	451	13	435	405	28	29	46	-15	6%	10%	-115%	1.4	2.2	3.3
	SBL	88	88	0	68	68	0	20	20	0	23%	23%	0%	2.3	2.3	0.0
	SBT	443	435	8	374	359	6	69	76	2	16%	17%	25%	3.4	3.8	0.8
	SBR	127	125	2	172	172	0	-45	-47	2	-35%	-38%	100%	3.7	3.9	2.0
	EBL	382	379	3	248	247	1	134	132	2	35%	35%	67%	7.6	7.5	1.4
	EBT	1491	1361	131	1475	1346	126	16	15	5	1%	1%	4%	0.4	0.4	0.4
	EBR	185	171	14	201	180	21	-16	-9	-7	-9%	-5%	-50%	1.2	0.7	1.7
	WBL	124	97	27	144	124	19	-20	-27	8	-16%	-28%	30%	1.7	2.6	1.7

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
	WBT	1393	1301	92	1296	1195	98	97	106	-6	7%	8%	-7%	2.6	3.0	0.6
	WBR	214	183	31	219	192	27	-5	-9	4	-2%	-5%	13%	0.3	0.7	0.7
Jane Street at Riverock Gate (Signalized)	NBL	225	215	10	208	187	16	17	28	-6	8%	13%	-60%	1.2	2.0	1.7
	NBT	1783	1664	119	1819	1713	106	-36	-49	13	-2%	-3%	11%	0.8	1.2	1.2
	NBR	4	3	1	9	5	4	-5	-2	-3	-125%	-67%	-300%	2.0	1.0	1.9
	SBL	14	14	1	26	13	13	-12	1	-12	-86%	7%	-1200%	2.7	0.3	4.5
	SBT	524	498	26	562	531	31	-38	-33	-5	-7%	-7%	-19%	1.6	1.5	0.9
	SBR	197	191	6	135	125	1	62	66	5	31%	35%	83%	4.8	5.3	2.7
	EBL	239	235	4	405	394	1	-166	-159	3	-69%	-68%	75%	9.3	9.0	1.9
	EBT	43	42	1	65	62	1	-22	-20	0	-51%	-48%	0%	3.0	2.8	0.0
	EBR	91	88	3	13	9	0	78	79	3	86%	90%	100%	10.8	11.3	2.4
	WBL	7	6	1	67	61	6	-60	-55	-5	-857%	-917%	-500%	9.9	9.5	2.7
	WBT	178	167	11	108	105	1	70	62	10	39%	37%	91%	5.9	5.3	4.1
	WBR	274	262	12	222	219	3	52	43	9	19%	16%	75%	3.3	2.8	3.3
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL															
	NBT	1892	1712	180	1895	1769	121	-3	-57	59	0%	-3%	33%	0.1	1.4	4.8
	NBR	18	13	5	10	10	0	8	3	5	44%	23%	100%	2.1	0.9	3.2
	SBL	29	19	10	31	28	3	-2	-9	7	-7%	-47%	70%	0.4	1.9	2.7
	SBT	598	530	69	619	573	42	-21	-43	27	-4%	-8%	39%	0.9	1.8	3.6
	SBR															
	EBL															
	EBT															
	EBR															
	WBL	98	77	21	119	110	9	-21	-33	12	-21%	-43%	57%	2.0	3.4	3.1
	WBT															
	WBR	117	106	11	117	114	3	0	-8	8	0%	-8%	73%	0.0	0.8	3.0
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	394	374	20	277	250	27	117	124	-7	30%	33%	-35%	6.4	7.0	1.4
	NBT	745	701	44	591	578	11	154	123	33	21%	18%	75%	6.0	4.9	6.3
	NBR	34	27	7	37	33	4	-3	-6	3	-9%	-22%	43%	0.5	1.1	1.3
	SBL	37	36	1	92	87	5	-55	-51	-4	-149%	-142%	-400%	6.8	6.5	2.3
	SBT	226	220	6	166	145	9	70	75	-3	31%	34%	-50%	5.1	5.6	1.1
	SBR	165	153	12	184	173	11	-19	-20	1	-12%	-13%	8%	1.4	1.6	0.3
	EBL	89	83	6	35	34	1	54	49	5	61%	59%	83%	6.9	6.4	2.7
	EBT	53	38	15	99	75	24	-46	-37	-9	-87%	-97%	-60%	5.3	4.9	2.0
	EBR	54	46	8	109	86	23	-55	-40	-15	-102%	-87%	-188%	6.1	4.9	3.8
	WBL	25	23	2	4	4	0	21	19	2	84%	83%	100%	5.5	5.2	2.0
	WBT	397	368	29	414	371	43	-17	-3	-14	-4%	-1%	-48%	0.8	0.2	2.3
	WBR	139	129	10	128	123	5	11	6	5	8%	5%	50%	1.0	0.5	1.8
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	16	13	3	22	22	0	-6	-9	3	-38%	-69%	100%	1.4	2.2	2.4
	NBT	168	163	5	186	178	8	-18	-15	-3	-11%	-9%	-60%	1.4	1.1	1.2
	NBR	358	307	51	233	188	45	125	119	6	35%	39%	12%	7.3	7.6	0.9
	SBL															
	SBT															
	SBR	300	266	34	302	280	22	-2	-14	12	-1%	-5%	35%	0.1	0.8	2.3
	EBL															
	EBT															
	EBR															
	WBL															
	WBT	958	884	74	858	773	85	100	111	-11	10%	13%	-15%	3.3	3.9	1.2
	WBR	65	60	5	84	77	7	-19	-17	-2	-29%	-28%	-40%	2.2	2.1	0.8
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	0	0	0	32	22	10	-32	-22	-10	0%	0%	0%	8.0	6.6	4.5
	NBT	1841	1795	46	1673	1588	80	168	207	-34	9%	12%	-74%	4.0	5.0	4.3
	NBR	100	82	18	87	55	32	13	27	-14	13%	33%	-78%	1.3	3.3	2.8
	SBL	11	11	1	5	5	0	6	6	1	55%	55%	100%	2.1	2.1	1.4
	SBT	717	663	55	716	672	39	1	-9	16	0%	-1%	29%	0.0	0.3	2.3
	SBR	2	2	0	54	43	11	-52	-41	-11	-2600%	-2050%	0%	9.8	8.6	4.7
	EBL	0	0	0	160	119	41	-160	-119	-41	0%	0%	0%	17.9	15.4	9.1
	EBT	0	0	0	3	2	1	-3	-2	-1	0%	0%	0%	2.4	2.0	1.4
	EBR	12	12	0	110	101	9	-98	-89	-9	-817%	-742%	0%	12.5	11.8	4.2
	WBL	257	243	14	252	243	9	5	0	5	2%	0%	36%	0.3	0.0	1.5
	WBT	0	0	0	11	10	1	-11	-10	-1	0%	0%	0%	4.7	4.5	1.4
	WBR	69	69	1	73	73	0	-4	-4	1	-6%	-6%	100%	0.5	0.5	1.4
Jane Street at Langstaff Road (Signalized)	NBL	205	181	24	178	151	27	27	30	-3	13%	17%	-13%	2.0	2.3	0.6
	NBT	1236	1131	105	1158	1048	105	78	83	0	6%	7%	0%	2.3	2.5	0.0
	NBR	66	57	9	65	57	8	1	0	1	2%	0%	11%	0.1	0.0	0.3
	SBL	40	36	4	44	43	1	-4	-7	3	-10%	-19%	75%	0.6	1.1	1.9
	SBT	648	602	46	685	650	30	-37	-48	16	-6%	-8%	35%	1.4	1.9	2.6
	SBR	178	158	20	151	141	10	27	17	10	15%	11%	50%	2.1	1.4	2.6
	EBL	317	289	29	385	366	19	-68	-77	10	-21%	-27%	34%	3.6	4.3	2.0
	EBT	592	510	83	570	518	52	22	-8	31	4%	-2%	37%	0.9	0.4	3.8
	EBR	86	75	12	84	77	7	2	-2	5	2%	-3%	42%	0.2	0.2	1.6
	WBL	66	56	10	66	59	7	0	-3	3	0%	-5%	30%	0.0	0.4	1.0
	WBT	465	389	76	355	315	40	110	74	36	24%	19%	47%	5.4	3.9	4.7
	WBR	52	43	9	48	48	0	4	-5	9	8%	-12%	100%	0.6	0.7	4.2
Langstaff Road at Millway Avenue (Signalized)	NBL	142	135	7	143	141	2	-1	-6	5	-1%	-4%	71%	0.1	0.5	2.4
	NBT	33	27	6	15	14	1	18	13	5	56%	48%	83%	3.7	2.9	2.7
	NBR	32	31	1	42	31	11	-10	0	-10	-31%	0%	-100%	1.6	0.0	4.1
	SBL	4	3	1	14	12	2	-10	-9	-1	-250%	-300%	-100%	3.3	3.3	0.8
	SBT	14	12	2	9	9	0	5	3	2	36%	25%	100%	1.5	0.9	2.0
	SBR	83	82	1	98	96	2	-15	-14	-1	-18%	-17%	-100%	1.6	1.5	0.8
	EBL	116	108	8	119	113	6	-3	-5	2	-3%	-5%	25%	0.3	0.5	0.8
	EBT	949	879	71	956	893	63	-7	-14	8	-1%	-2%	11%	0.2	0.5	1.0

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
	EBR	59	53	6	42	42	0	17	11	6	29%	21%	100%	2.4	1.6	3.5
	WBL	33	30	4	46	19	27	-13	11	-23	-39%	37%	-575%	2.1	2.2	5.8
	WBT	819	769	50	737	695	42	82	74	8	10%	10%	16%	2.9	2.7	1.2
	WBR	12	12	0	6	0	6	6	12	-6	50%	100%	0%	2.0	4.9	3.5
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	358	355	3	378	363	15	-20	-8	-12	-6%	-2%	-400%	1.0	0.4	4.0
	NBT	415	404	11	335	330	5	80	74	6	19%	18%	55%	4.1	3.9	2.1
	NBR	78	77	1	113	113	0	-35	-36	1	-45%	-47%	100%	3.6	3.7	1.4
	SBL	40	38	2	42	40	2	-2	-2	0	-5%	-5%	0%	0.3	0.3	0.0
	SBT	171	168	3	138	130	8	33	38	-5	19%	23%	-167%	2.7	3.1	2.1
	SBR	666	661	5	684	669	13	-18	-8	-8	-3%	-1%	-160%	0.7	0.3	2.7
	EBL	273	257	16	254	232	20	19	25	-4	7%	10%	-25%	1.2	1.6	0.9
	EBT	986	924	62	972	902	70	14	22	-8	1%	2%	-13%	0.4	0.7	1.0
	EBR	130	124	7	132	120	12	-2	4	-5	-2%	3%	-71%	0.2	0.4	1.6
	WBL	31	31	0	50	49	1	-19	-18	-1	-61%	-58%	0%	3.0	2.8	1.4
	WBT	1031	1003	28	1017	982	35	14	21	-7	1%	2%	-25%	0.4	0.7	1.2
	WBR	21	18	3	15	8	7	6	10	-4	29%	56%	-133%	1.4	2.8	1.8
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	723	701	22	618	602	16	105	99	6	15%	14%	27%	4.1	3.9	1.4
	NBT															
	NBR	473	421	52	528	479	49	-55	-58	3	-12%	-14%	6%	2.5	2.7	0.4
	SBL															
	SBT															
	SBR															
	EBL															
	EBT	883	848	35	828	773	53	55	75	-18	6%	9%	-51%	1.9	2.6	2.7
	EBR															
	WBL															
	WBT	2055	1993	62	2075	2009	64	-20	-16	-2	-1%	-1%	-3%	0.4	0.4	0.3
	WBR															
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	252	247	5	186	186	0	66	61	5	26%	25%	100%	4.5	4.1	3.2
	NBT	315	303	12	266	266	0	49	37	12	16%	12%	100%	2.9	2.2	4.9
	NBR	532	528	4	577	566	11	-45	-38	-7	-8%	-7%	-175%	1.9	1.6	2.6
	SBL	294	284	10	210	190	20	84	94	-10	29%	33%	-100%	5.3	6.1	2.6
	SBT	134	132	2	83	83	0	51	49	2	38%	37%	100%	4.9	4.7	2.0
	SBR	120	118	2	283	251	32	-163	-133	-30	-136%	-113%	-1500%	11.5	9.8	7.3
	EBL	136	129	7	100	98	2	36	31	5	26%	24%	71%	3.3	2.9	2.4
	EBT	836	799	38	826	762	62	10	37	-24	1%	5%	-63%	0.3	1.3	3.4
	EBR	108	108	1	106	106	0	2	2	1	2%	2%	100%	0.2	0.2	1.4
	WBL	281	271	10	302	291	11	-21	-20	-1	-7%	-7%	-10%	1.2	1.2	0.3
	WBT	1523	1502	21	1573	1508	63	-50	-6	-42	-3%	0%	-200%	1.3	0.2	6.5
	WBR	362	349	13	385	379	6	-23	-30	7	-6%	-9%	54%	1.2	1.6	2.3
Langstaff Road at Weston Road (Signalized)	NBL	224	207	17	211	194	17	13	13	0	6%	6%	0%	0.9	0.9	0.0
	NBT	860	779	81	838	747	89	22	32	-8	3%	4%	-10%	0.8	1.2	0.9
	NBR	125	110	15	115	112	3	10	-2	12	8%	-2%	80%	0.9	0.2	4.0
	SBL	197	181	17	208	201	7	-11	-20	10	-6%	-11%	59%	0.8	1.4	2.9
	SBT	475	451	24	451	432	18	24	19	6	5%	4%	25%	1.1	0.9	1.3
	SBR	248	237	12	274	264	10	-26	-27	2	-10%	-11%	17%	1.6	1.7	0.6
	EBL	196	180	16	155	154	1	41	26	15	21%	14%	94%	3.1	2.0	5.1
	EBT	718	649	69	696	641	53	22	8	16	3%	1%	23%	0.8	0.3	2.0
	EBR	78	74	4	83	78	5	-5	-4	-1	-6%	-5%	-25%	0.6	0.5	0.5
	WBL	129	113	17	161	146	15	-32	-33	2	-25%	-29%	12%	2.7	2.9	0.5
	WBT	1297	1159	139	1310	1238	70	-13	-79	69	-1%	-7%	50%	0.4	2.3	6.7
	WBR	468	424	45	573	550	23	-105	-126	22	-22%	-30%	49%	4.6	5.7	3.8
Weston Road at Green Park Blvd. (Signalized)	NBL	62	62	0	96	96	0	-34	-34	0	-55%	-55%	0%	3.8	3.8	0.0
	NBT	1450	1442	9	1561	1458	102	-111	-16	-93	-8%	-1%	-1033%	2.9	0.4	12.5
	NBR	42	40	2	74	60	14	-32	-20	-12	-76%	-50%	-800%	4.2	2.8	4.2
	SBL	107	106	1	189	175	14	-82	-69	-13	-77%	-65%	-1300%	6.7	5.8	4.7
	SBT	788	781	7	834	804	29	-46	-23	-22	-6%	-3%	-314%	1.6	0.8	5.2
	SBR	30	31	0	16	16	0	14	15	0	47%	48%	0%	2.9	3.1	0.0
	EBL	56	57	0	55	55	0	1	2	0	2%	4%	0%	0.1	0.3	0.0
	EBT	18	18	0	27	27	0	-9	-9	0	-50%	-50%	0%	1.9	1.9	0.0
	EBR	25	25	0	23	19	4	2	6	-4	8%	24%	0%	0.4	1.3	2.8
	WBL	107	105	2	76	74	2	31	31	0	29%	30%	0%	3.2	3.3	0.0
	WBT	53	53	0	26	26	0	27	27	0	51%	51%	0%	4.3	4.3	0.0
	WBR	602	603	0	487	468	19	115	135	-19	19%	22%	0%	4.9	5.8	6.2
Weston Road at Valeria Blvd. (Unsignalized)	NBL	65	57	8	81	81	0	-16	-24	8	-25%	-42%	100%	1.9	2.9	4.0
	NBT	2071	1895	176	2097	1945	151	-26	-50	25	-1%	-3%	14%	0.6	1.1	2.0
	NBR															
	SBL															
	SBT	902	851	51	1004	962	41	-102	-111	10	-11%	-13%	20%	3.3	3.7	1.5
	SBR	43	40	3	42	42	0	1	-2	3	2%	-5%	100%	0.2	0.3	2.4
	EBL	31	30	1	27	27	0	4	3	1	13%	10%	100%	0.7	0.6	1.4
	EBT															
	EBR	23	22	1	23	22	1	0	0	0	0%	0%	0%	0.0	0.0	0.0
	WBL															
	WBT															
	WBR															
Weston Road at Astona Blvd.	NBL	215	192	24	237	237	0	-22	-45	24	-10%	-23%	100%	1.5	3.1	6.9
	NBT	1886	1762	125	1895	1745	149	-9	17	-24	0%	1%	-19%	0.2	0.4	2.1
	NBR															
	SBL															
	SBR	816	771	45	926	886	39	-110	-115	6	-13%	-15%	13%	3.7	4.0	0.9
SBR	146	138	8	144	144	0	2	-6	8	1%	-4%	100%	0.2	0.5	4.0	

Intersection	Movement	PM Peak Hour														
		Observed			Modelled			Difference			Difference %			GEH		
		Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck	Total	Car	Truck
(Signalized)	EBL	106	98	8	120	108	12	-14	-10	-4	-13%	-10%	-50%	1.3	1.0	1.3
	EBT															
	EBR	129	120	9	123	123	0	6	-3	9	5%	-3%	100%	0.5	0.3	4.2
	WBL															
	WBT															
	WBR															
Hwy 400 at Rutherford Road (Unsignalized Ramp / Mainline)	NBL															
	NB (North of Interchange)	7225			7778			-553			-8%			6.4		
	NBR															
	SBL															
	SBT															
	SBR															
	EBL (West to North On-Ramp)	301			366			-65			-22%			3.6		
	EBT															
	EBR (West to South On-Ramp)	508			484			24			5%			1.1		
	WBL (East to South On-Ramp)	843			813			30			4%			1.0		
WBT																
WBR (East to North On-Ramp)	832			866			-34						1.2			
Hwy 400 at Bass Pro Mills Drive (Unsignalized Ramp / Mainline)	NBL															
	NB (South of NB Off Ramp)	8337			8506			-169			-2%			1.8		
	SB (South of SB On Ramp)	5780			6062			-282			-5%			3.7		
	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR															
	WBL (East to South On-Ramp)	1274			1176			98			8%			2.8		
WBT																
WBR																
Hwy 400 at Langstaff Road (Unsignalized Ramp / Mainline)	NB Transfer (South of Langstaff Rd)	2094			2030			64			3%			1.4		
	SB Collector (South of Langstaff Rd)	2748			2740			8			0%			0.2		
	SB Collector (North of Langstaff Rd)	1357			1432			-75			-6%			2.0		
	SBL															
	SBT															
	SBR															
	EBL															
	EBT															
	EBR (West to South On-Ramp)	779			784			-5			-1%			0.2		
	WBL (East to South On-Ramp)	612			532			80			13%			3.3		
WBT																
WBR																
Total		118,661	80,320	5,689	118,683	79,851	5,101	-22	469	588						

Appendix I MODELLED VS OBSERVED TRAVEL TIME



AM Peak Travel Time									
Section	External ID	Length	Travel Time			Acceptable Range		Modelled	
			Average	Min	Max	Min	Max	Travel Time	Is Acceptable
16Ave-EB-400NBOffRamp-to-Jane	101	0.9	107	102	115	47	167	136	Yes
16Ave-WB-Jane-to-400NBOffRamp	102	0.9	108	103	118	48	168	115	Yes
Jane_NB_LangstaffToLocke	103	1.3	108	95	117	48	168	89	Yes
Jane_NB_LockeTo16thAve	104	0.8	113	74	183	53	173	98	Yes
Jane_SB_16thAveToLocke	105	0.8	105	100	111	45	165	61	Yes
Jane_SB_LockeToLangstaff	106	1.3	82	80	85	22	142	100	Yes
Langstaff_EB_WestonToJane	107	2	233	230	236	173	293	204	Yes
Langstaff_WB_JaneToWeston	108	2	229	216	245	169	289	213	Yes
Rutherford_EB_WestonTo400NBofframp	109	1.1	130	113	150	70	190	113	Yes
Rutherford_WB_400NBofframpToWeston	110	1.1	97	88	113	37	157	169	No
Weston_NB_AstonaToRutherford	111	0.6	47	42	50	0	107	67	Yes
Weston_NB_LangstaffToAstona	112	1.5	103	92	112	43	163	97	Yes
Weston_SB_AstonaToLangstaff	113	1.5	144	136	156	84	204	120	Yes
Weston_SB_RutherfordToAstona	114	0.6	48	40	55	0	108	49	Yes
Hwy400 NB Bass Pro to Rutherford	115	0.87	28.4	NA	NA	0	88	33	Yes
Hwy400 NB Langstaff to Bass Pro	116	1.29	42	NA	NA	0	102	50	Yes
Hwy400 SB Rutherford to Bass Pro	117	0.85	42	NA	NA	0	102	37	Yes
Hwy400 SB Bass Pro to Langstaff	118	1.28	46	NA	NA	0	106	47	Yes

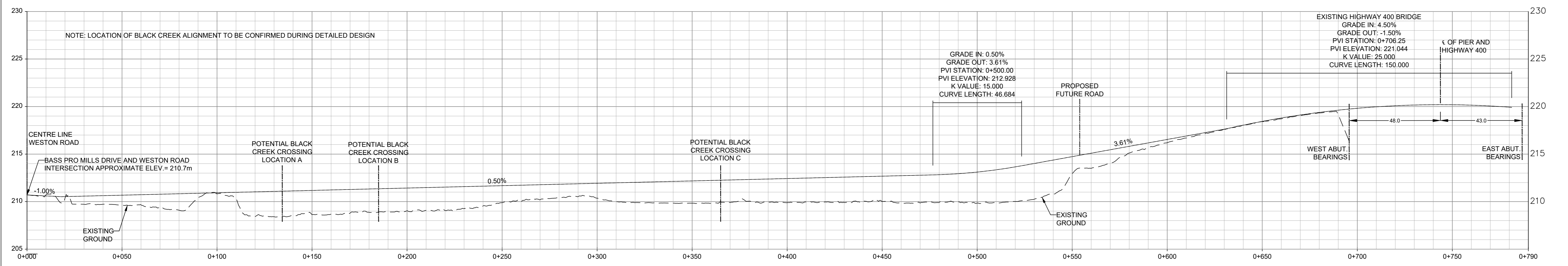
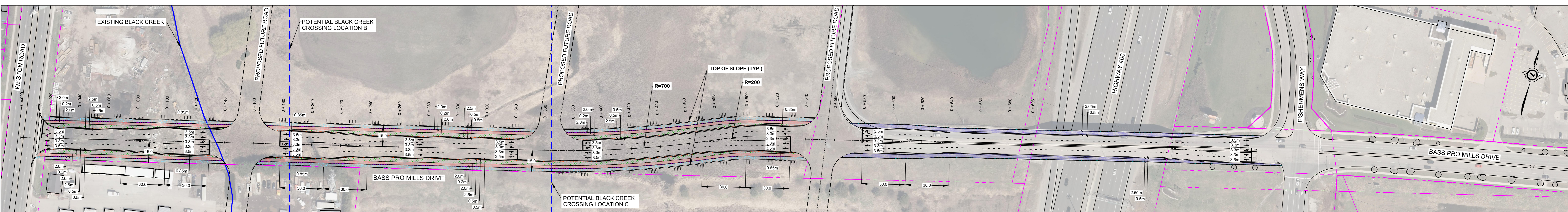
PM Peak Travel Time									
Section	External ID	Length	Travel Time			Acceptable Range		Modelled	
			Average	Min	Max	Min	Max	Travel Time	Is Acceptable
16Ave-EB-400NBOffRamp-to-Jane	101	0.9	93	84	100	33	153	84	Yes
16Ave-WB-Jane-to-400NBOffRamp	102	0.9	101	100	102	41	161	109	Yes
Jane_NB_LangstaffToLocke	103	1.3	135	114	156	75	195	87	Yes
Jane_NB_LockeTo16thAve	104	0.8	140	103	200	80	200	92	Yes
Jane_SB_16thAveToLocke	105	0.8	73	60	81	13	133	82	Yes
Jane_SB_LockeToLangstaff	106	1.3	105	89	126	45	165	121	Yes
Langstaff_EB_WestonToJane	107	2	180	171	191	120	240	231	Yes
Langstaff_WB_JaneToWeston	108	2	272	226	326	212	332	214	Yes
Rutherford_EB_WestonTo400NBofframp	109	1.1	95	84	101	35	155	106	Yes
Rutherford_WB_400NBofframpToWeston	110	1.1	131	110	151	71	191	120	Yes
Weston_NB_AstonaToRutherford	111	0.6	135	102	167	75	195	234	No
Weston_NB_LangstaffToAstona	112	1.5	254	206	336	194	314	117	No
Weston_SB_AstonaToLangstaff	113	1.5	134	130	139	74	194	165	Yes
Weston_SB_RutherfordToAstona	114	0.6	55	51	46	0	115	42	Yes
Hwy400 NB Bass Pro to Rutherford	115	0.87	96	NA	NA	36	156	47	Yes
Hwy400 NB Langstaff to Bass Pro	116	1.29	128	NA	NA	68	168	92	Yes
Hwy400 SB Rutherford to Bass Pro	117	0.85	28	NA	NA	0	88	32	Yes
Hwy400 SB Bass Pro to Langstaff	118	1.28	42	NA	NA	0	102	47	Yes

BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Appendix J Bass Pro Mills Drive Extension Preliminary Profile and Plan

**Appendix J BASS PRO MILLS DRIVE EXTENSION PRELIMINARY
PROFILE AND PLAN**





- LEGEND:
- CONCRETE SIDEWALK
 - STAMPED CONCRETE BUFFER
 - BIKE PATH
 - BOULEVARD
 - CONCRETE STRIP
 - MULTI-USE PATH
 - CONCRETE BARRIER

**Appendix K EXISTING CONDITIONS 2020 MODEL
INTERSECTION TURN VOLUME AND LEVEL OF
SERVICE MODELLING RESULTS**



Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Rutherford Road at Weston Road (Signalized)	NBL	94	70	E	7	338	210	F	42
	NBT	327	55	D	9	1,396	92	F	36
	NBR	397	25	C	19	277	77	E	20
	SBL	554	167	F	47	140	554	F	80
	SBT	1,158	129	F	39	815	106	F	22
	SBR	26	87	F	3	124	23	C	8
	EBL	49	68	E	4	139	389	F	28
	EBT	1,321	46	D	17	1,192	45	D	14
	EBR	85	56	E	8	125	41	D	8
	WBL	155	315	F	46	147	213	F	21
	WBT	757	69	E	24	935	49	D	21
	WBR	186	22	C	10	330	23	C	14
	Overall Intersection		5,109	86	F	-	5,958	95	F
Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	7	26	C	2	4	64	E	2
	NBT	0	0	A	0	0	0	A	1
	NBR	6	100	F	2	3	13	B	1
	SBL	638	36	D	9	277	64	E	9
	SBT	0	0	A	0	0	0	A	0
	SBR	3	9	A	1	31	10	A	2
	EBL	8	40	D	1	100	50	D	5
	EBT	2,239	35	C	25	1,506	15	B	13
	EBR	3	80	F	2	3	35	D	1
	WBL	1	145	F	1	8	29	C	1
	WBT	1,068	22	C	12	1,401	14	B	10
	WBR	91	25	C	5	1,137	30	C	31
	Overall Intersection		4,064	30	C	-	4,470	21	C
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)	NBL								
	NBT								
	NBR								
	SBL	619	60	E	18	390	66	E	10
	SBT								
	SBR	225	15	B	3	229	17	B	3
	EBL								
	EBT	1,438	12	B	12	1,335	19	B	12
	EBR								
	WBL								
WBT	932	13	B	7	2,337	7	A	9	
WBR									
Overall Intersection		3,214	20	C	-	4,291	16	B	-
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	416	58	E	9	974	65	E	27
	NBT	8	64	E	1	0	0	A	1
	NBR	679	40	D	12	613	28	C	7
	SBL	7	116	F	1	0	0	A	0
	SBT								
	SBR	5	95	F	1	7	80	E	1
	EBL	4	149	F	2	1	22	C	1
	EBT	1,769	30	C	19	1,365	20	C	12
	EBR								
	WBL								
	WBT	2,263	12	B	6	3,061	11	B	6
WBR	0	0	A	0	2	37	D	0	
Overall Intersection		5,151	24	C	-	6,023	22	C	-
Rutherford Road at Sweetriver Blvd.	NBL	139	54	D	5	855	96	F	20
	NBT	5	39	D	1	116	60	E	5
	NBR	23	14	B	1	92	45	D	10
	SBL	54	80	E	6	107	87	F	8
	SBT	62	59	E	7	27	83	F	5
	SBR	161	32	C	5	316	33	C	10
	EBL	135	64	E	12	227	54	D	11
	EBT	2,076	20	B	14	1,517	14	B	8
	EBR	217	5	A	6	180	3	A	3
	WBL	96	60	E	6	157	49	D	6
	WBT	1,951	16	B	14	1,889	24	C	14
	WBR	48	13	B	3	23	35	C	3
	Overall Intersection		4,967	20	B	-	5,506	35	C
	NBL	13	73	E	2	331	81	F	22
	NBT	11	36	D	1	144	60	E	5
	NBR	34	12	B	1	323	37	D	17
	SBL	78	55	E	7	79	65	E	7
	SBT	70	59	E	3	30	58	E	3

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
	WBL								
	WBT	169	28	C	5	864	33	C	13
	WBR	20	23	C	2	69	30	C	5
	Overall Intersection	1,278	26	C	-	1,667	27	C	-
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	24	81	F	5	18	17	B	1
	NBT	474	10	A	7	1,701	10	B	11
	NBR	228	7	A	5	90	7	A	1
	SBL	68	17	B	4	5	35	C	1
	SBT	1,739	7	A	7	745	15	B	11
	SBR	54	6	A	1	7	3	A	0
	EBL	41	68	E	5	90	64	E	9
	EBT	8	58	E	1	2	48	D	1
	EBR	19	57	E	1	75	19	B	2
	WBL	97	61	E	8	240	70	E	17
	WBT	7	63	E	1	15	57	E	3
	WBR	29	17	B	2	83	20	C	4
	Overall Intersection	2,788	10	B	-	3,071	17	B	-
Jane Street at Langstaff Road (Signalized)	NBL	124	56	E	7	179	41	D	8
	NBT	469	22	C	8	1,157	25	C	17
	NBR	62	10	B	2	65	10	A	2
	SBL	209	77	E	21	42	109	F	6
	SBT	1,125	28	C	17	687	29	C	12
	SBR	337	18	B	14	137	10	A	4
	EBL	174	61	E	10	351	72	E	21
	EBT	636	32	C	15	558	48	D	14
	EBR	307	26	C	12	83	21	C	3
	WBL	52	78	E	5	66	91	F	7
	WBT	308	45	D	9	352	59	E	10
	WBR	78	29	C	4	48	43	D	4
	Overall Intersection	3,881	31	C	-	3,725	36	D	-
Langstaff Road at Millway Avenue (Signalized)	NBL	6	51	D	2	141	63	E	10
	NBT	6	90	F	2	17	54	D	2
	NBR	24	35	D	3	42	28	C	3
	SBL	5	89	F	3	16	58	E	2
	SBT	18	75	E	4	9	47	D	2
	SBR	0	0	A	1	91	23	C	5
	EBL	107	21	C	5	123	40	D	11
	EBT	1,088	5	A	14	913	8	A	8
	EBR	142	5	A	3	42	4	A	1
	WBL	82	31	C	4	47	32	C	3
	WBT	676	4	A	5	718	8	A	9
	WBR	18	4	A	1	7	3	A	0
	Overall Intersection	2,172	7	A	-	2,166	14	B	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	145	57	E	8	377	64	E	25
	NBT	79	52	D	4	337	34	C	7
	NBR	49	27	C	3	104	25	C	5
	SBL	31	51	D	5	40	39	D	4
	SBT	71	52	D	3	139	44	D	5
	SBR	222	21	C	9	700	28	C	18
	EBL	242	21	C	8	281	55	E	14
	EBT	1,238	12	B	10	940	18	B	10
	EBR	520	9	A	6	132	6	A	2
	WBL	36	74	E	6	48	56	E	6
	WBT	588	34	C	14	1,000	33	C	19
	WBR	68	8	A	3	12	19	B	2
	Overall Intersection	3,289	20	B	-	4,110	30	C	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	316	50	D	7	618	56	E	18
	NBT								
	NBR	714	159	F	64	539	43	D	23
	SBL								
	SBT								
	SBR								
	EBL								
	EBT	1,311	20	C	21	821	12	B	9
	EBR								
	WBL								
WBT	955	13	B	10	2,081	15	B	16	
WBR									
Overall Intersection	3,296	50	D	-	4,059	23	C	-	

Intersection	Movement	AM PeaK Hour				PM PeaK Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	59	88	F	6	174	48	D	10
	NBT	47	45	D	4	277	46	D	14
	NBR	338	12	B	6	578	18	B	15
	SBL	207	80	E	19	216	66	E	13
	SBT	159	61	E	10	90	46	D	7
	SBR	40	44	D	5	231	35	C	9
	EBL	88	21	C	4	108	284	F	28
	EBT	1,489	18	B	17	811	22	C	9
	EBR	230	13	B	8	107	11	B	4
	WBL	295	133	F	51	287	129	F	27
	WBT	613	26	C	9	1,579	38	D	26
	WBR	195	7	A	7	377	25	C	14
Overall Intersection		3,760	31	C	-	4,835	41	D	-
Langstaff Road at Weston Road (Signalized)	NBL	45	50	D	5	209	50	D	11
	NBT	305	46	D	8	837	48	D	18
	NBR	164	29	C	6	115	24	C	7
	SBL	375	61	E	22	190	136	F	23
	SBT	975	42	D	21	435	70	E	12
	SBR	257	17	B	9	278	19	B	8
	EBL	207	38	D	8	138	423	F	44
	EBT	1,253	45	D	25	716	35	C	14
	EBR	164	15	B	3	83	9	A	2
	WBL	140	86	F	12	168	55	D	9
	WBT	320	42	D	8	1,293	39	D	25
	WBR	174	15	B	6	523	17	B	12
Overall Intersection		4,379	39	D	-	4,985	50	D	-
Weston Road at Green Park Blvd. (Signalized)	NBL	14	64	E	3	86	72	E	7
	NBT	574	7	A	6	1,512	12	B	13
	NBR	86	6	A	4	57	8	A	2
	SBL	356	36	D	13	202	301	F	53
	SBT	1,491	8	A	11	815	22	C	14
	SBR	82	9	A	2	16	7	A	1
	EBL	36	68	E	4	54	54	D	8
	EBT	27	52	D	3	36	53	D	3
	EBR	90	23	C	5	17	18	B	2
	WBL	31	59	E	4	67	59	E	7
	WBT	4	81	F	1	38	54	D	3
	WBR	56	13	B	2	542	38	D	16
Overall Intersection		2,847	12	B	-	3,442	36	D	-
Weston Road at Valeria Blvd. (Unsignalized)	NBL	27	37	D	2	80	13	B	3
	NBT	633	0	A	1	2,107	1	A	1
	NBR								
	SBL								
	SBT	1,825	3	A	1	1,011	2	A	1
	SBR	15	5	A	1	42	6	A	1
	EBL	17	47	D	2	27	58	E	2
	EBT								
	EBR	115	41	D	5	23	25	C	2
	WBL								
	WBT								
	WBR								
Weston Road at Astona Blvd. (Signalized)	NBL	74	36	D	5	242	29	C	10
	NBT	564	12	B	7	1,914	17	B	17
	NBR								
	SBL								
	SBT	1,333	21	C	20	928	15	B	15
	SBR	75	13	B	2	145	9	A	6
	EBL	272	57	E	16	119	84	F	11
	EBT								
	EBR	491	37	D	18	124	20	B	6
	WBL								
	WBT								
	WBR								
Overall Intersection		2,809	24	C	-	3,472	17	B	-

BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Appendix L Future 2031 Base Conditions Model Intersection Turn Volume and Level of Service Modelling Results

**Appendix L FUTURE 2031 BASE CONDITIONS MODEL
INTERSECTION TURN VOLUME AND LEVEL OF
SERVICE MODELLING RESULTS**



Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Weston Road (Signalized)	NBL	95	80	F	9	292	133	F	29	
	NBT	404	92	F	15	1,193	82	F	36	
	NBR	388	156	F	68	278	59	E	18	
	SBL	414	259	F	58	189	664	F	92	
	SBT	1,110	135	F	43	808	247	F	34	
	SBR	48	69	E	5	100	110	F	12	
	EBL	67	144	F	4	136	636	F	39	
	EBT	1,197	154	F	37	1,621	100	F	29	
	EBR	219	265	F	42	125	97	F	12	
	WBL	165	498	F	87	74	101	F	7	
	WBT	748	162	F	25	1,041	46	D	21	
	WBR	186	96	F	12	778	55	E	39	
	Overall Intersection		5,041	163	F	-	6,635	125	E	-
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	33	63	E	4	70	53	D	6
NBT		0	0	A	0	21	53	D	1	
NBR		68	32	C	4	171	34	C	8	
SBL		419	61	E	9	330	61	E	9	
SBT		2	52	D	1	0	0	A	0	
SBR		11	10	B	1	43	8	A	2	
EBL		39	137	F	3	108	104	F	11	
EBT		1,738	121	F	40	1,967	23	C	16	
EBR		80	143	F	12	28	19	B	2	
WBL		102	556	F	61	57	42	D	4	
WBT		1,156	78	E	30	1,859	15	B	12	
WBR		105	73	E	13	937	26	C	21	
Overall Intersection			3,753	107	F	-	5,591	24	C	-
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL								
	NBT									
	NBR									
	SBL	714	149	F	21	390	67	E	12	
	SBT									
	SBR	218	52	D	8	213	18	B	2	
	EBL									
	EBT	1,235	13	B	13	1,697	17	B	13	
	EBR									
	WBL									
	WBT	1,255	29	C	16	2,684	9	A	11	
WBR										
Overall Intersection		3,422	48	D	-	4,984	16	B	-	
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	568	157	F	32	1,107	363	F	105	
	NBT	5	169	F	1	14	342	F	1	
	NBR	1,293	216	F	82	556	104	F	14	
	SBL	7	80	E	1	0	0	A	0	
	SBT									
	SBR	9	44	D	2	3	112	F	1	
	EBL	3	145	F	1	0	0	A	0	
	EBT	1,832	38	D	25	1,792	18	B	12	
	EBR									
	WBL									
	WBT	1,651	23	C	6	3,263	10	B	7	
	WBR	63	126	F	1	3	52	D	1	
	Overall Intersection		5,431	87	F	-	6,738	77	E	-
Rutherford Road at Sweetriver Blvd. (Signalized)	NBL	344	57	E	13	839	114	F	20	
	NBT	26	45	D	2	91	64	E	5	
	NBR	31	21	C	2	55	42	D	13	
	SBL	65	75	E	7	62	110	F	8	
	SBT	107	104	F	11	50	70	E	5	
	SBR	93	34	C	7	308	32	C	10	
	EBL	132	35	C	8	204	56	E	12	
	EBT	2,436	31	C	24	1,758	16	B	18	
	EBR	487	8	A	12	277	4	A	5	
	WBL	118	141	F	32	143	55	E	9	
	WBT	1,252	45	D	14	2,133	26	C	15	
	WBR	28	30	C	3	44	38	D	4	
	Overall Intersection		5,119	37	D	-	5,964	36	D	-
	Rutherford Road at Julliard Drive (Signalized)	NBL	27	76	E	4	334	145	F	28
NBT		16	60	E	2	116	80	F	5	
NBR		90	14	B	3	394	52	D	22	
SBL		44	47	D	5	48	149	F	9	
SBT		117	59	E	5	52	50	D	3	
SBR		44	38	D	7	97	27	C	4	
EBL		119	55	E	7	172	61	E	11	
EBT		2,297	39	D	23	1,596	48	D	17	
EBR		84	45	D	8	76	28	C	6	
WBL		221	169	F	53	131	57	E	11	
WBT		1,297	59	E	20	1,937	17	B	13	
WBR		36	51	D	4	63	23	C	5	
Overall Intersection			4,392	50	D	-	5,016	42	D	-
		NBL	47	101	F	7	279	192	F	48

Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Jane Street (Signalized)	NBT	699	46	D	11	2,098	61	E	36	
	NBR	127	19	B	5	516	46	D	26	
	SBL	139	74	E	9	18	137	F	4	
	SBT	1,211	62	E	17	705	42	D	15	
	SBR	107	46	D	14	240	18	B	13	
	EBL	186	151	F	20	148	621	F	29	
	EBT	1,576	62	E	20	1,665	57	E	20	
	EBR	662	56	E	24	213	33	C	8	
	WBL	409	236	F	22	210	96	F	10	
	WBT	1,470	74	E	19	1,608	41	D	17	
	WBR	356	30	C	15	202	34	C	11	
	Overall Intersection		6,989	70	E	-	7,902	64	E	-
	Jane Street at Riverock Gate (Signalized)	NBL	69	63	E	4	142	104	F	16
NBT		692	19	B	8	2,317	32	C	31	
NBR		22	5	A	1	112	60	E	9	
SBL		230	32	C	11	49	407	F	9	
SBT		1,930	11	B	11	934	18	B	9	
SBR		112	9	A	6	151	17	B	8	
EBL		147	56	E	11	237	292	F	65	
EBT		51	52	D	7	120	206	F	6	
EBR		291	43	D	13	43	142	F	2	
WBL		47	56	E	5	229	117	F	19	
WBT		17	56	E	3	149	54	D	9	
WBR		47	17	B	2	326	54	D	20	
Overall Intersection			3,655	19	B	-	4,809	60	E	-
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL	149	15	B	8	63	11	B	4	
	NBT	622	10	B	6	2,186	16	B	30	
	NBR	51	8	A	1	17	12	B	1	
	SBL	217	29	C	8	45	224	F	8	
	SBT	1,587	16	B	16	803	26	C	15	
	SBR	640	10	B	7	512	11	B	10	
	EBL	112	70	E	27	275	208	F	79	
	EBT	76	51	D	8	126	163	F	5	
	EBR	254	13	B	9	92	24	C	3	
	WBL	47	54	D	4	110	72	E	12	
	WBT	37	46	D	3	189	109	F	12	
	WBR	55	29	C	5	115	99	F	9	
	Overall Intersection		3,847	16	B	-	4,533	41	D	-
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	68	100	F	8	249	64	E	29	
	NBT	179	29	C	4	607	35	D	14	
	NBR	72	14	B	2	61	18	B	3	
	SBL	185	101	F	24	179	168	F	28	
	SBT	455	26	C	7	227	22	C	6	
	SBR	89	21	C	5	141	10	A	6	
	EBL	12	42	D	3	48	58	E	5	
	EBT	498	14	B	8	380	19	B	9	
	EBR	462	14	B	12	235	9	A	6	
	WBL	38	33	C	5	24	47	D	4	
	WBT	398	18	B	7	716	22	C	9	
	WBR	85	12	B	3	268	18	B	7	
	Overall Intersection		2,541	25	C	-	3,135	32	C	-
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	254	216	F	72	259	32	C	10	
	NBT	522	206	F	23	571	18	B	10	
	NBR	944	296	F	100	627	14	B	11	
	SBL									
	SBT									
	SBR	303	89	F	14	517	76	E	19	
	EBL	0	0	A	0	0	0	A	0	
	EBT	0	0	A	0	0	0	A	0	
	EBR									
	WBL									
	WBT	465	58	E	18	1,121	74	E	20	
	WBR	5	41	D	1	14	63	E	2	
	Overall Intersection		2,493	198	F	-	3,109	47	D	-
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	64	87	F	10	55	44	D	3	
	NBT	755	14	B	12	1,870	17	B	19	
	NBR	257	10	B	6	164	14	B	7	
	SBL	69	34	C	3	28	131	F	7	
	SBT	1,651	28	C	32	1,012	14	B	11	
	SBR	154	23	C	7	53	7	A	2	
	EBL	44	62	E	7	353	78	E	35	
	EBT	22	67	E	3	64	70	E	1	
	EBR	10	42	D	2	127	29	C	5	
	WBL	183	94	F	16	369	97	F	21	
	WBT	57	53	D	6	35	53	D	9	
	WBR	32	23	C	2	93	27	C	6	
	Overall Intersection		3,298	27	C	-	4,223	29	C	-
	NBL	115	253	F	32	279	185	F	42	

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Jane Street at Langstaff Road (Signalized)	NBT	727	26	C	11	1,404	39	D	25
	NBR	89	10	B	3	152	15	B	4
	SBL	176	308	F	48	45	574	F	16
	SBT	1,029	68	E	21	722	32	C	17
	SBR	397	40	D	20	570	16	B	13
	EBL	168	185	F	20	288	146	F	20
	EBT	1,167	62	E	13	1,173	53	D	14
	EBR	291	45	D	14	111	23	C	6
	WBL	139	180	F	18	88	186	F	17
	WBT	1,468	55	E	18	814	59	E	14
	WBR	238	31	C	14	240	47	D	12
	Overall Intersection		6,004	66	E	-	5,886	56	E
Langstaff Road at Millway Avenue (Signalized)	NBL	6	64	E	2	141	66	E	8
	NBT	24	63	E	6	59	54	D	5
	NBR	119	28	C	6	297	29	C	9
	SBL	154	73	E	9	191	74	E	10
	SBT	75	59	E	6	73	46	D	6
	SBR	218	54	D	10	390	38	D	11
	EBL	145	70	E	9	151	182	F	28
	EBT	1,392	11	B	10	1,065	13	B	7
	EBR	225	9	A	3	44	5	A	1
	WBL	351	53	D	28	189	69	E	15
	WBT	1,589	8	A	6	1,627	15	B	15
	WBR	57	6	A	2	31	13	B	5
Overall Intersection		4,355	18	B	-	4,258	28	C	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	261	326	F	66	423	254	F	70
	NBT	121	175	F	3	492	75	E	9
	NBR	78	8	A	2	49	18	B	4
	SBL	51	122	F	10	90	111	F	7
	SBT	196	139	F	14	120	83	F	4
	SBR	577	140	F	65	851	105	F	59
	EBL	278	105	F	20	181	321	F	22
	EBT	1,611	13	B	7	1,140	24	C	9
	EBR	706	10	A	6	294	9	A	7
	WBL	47	167	F	5	54	78	E	5
	WBT	1,645	109	F	36	2,218	60	E	38
	WBR	64	89	F	9	29	66	E	4
Overall Intersection		5,635	81	F	-	5,941	78	E	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	260	326	F	30	600	145	F	39
	NBT								
	NBR	762	676	F	201	587	54	D	29
	SBL								
	SBT								
	SBR								
	EBL								
	EBT	1,858	16	B	10	1,030	14	B	9
	EBR								
	WBL								
	WBT	2,157	37	D	14	2,563	24	C	14
	WBR								
Overall Intersection		5,037	139	F	-	4,780	39	D	-
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	76	106	F	7	181	156	F	22
	NBT	44	64	E	6	221	108	F	17
	NBR	445	16	B	7	651	76	E	19
	SBL	376	160	F	43	249	159	F	34
	SBT	358	145	F	31	225	76	E	19
	SBR	14	161	F	3	21	90	F	7
	EBL	65	62	E	7	69	189	F	12
	EBT	1,296	16	B	9	1,000	70	E	17
	EBR	86	13	B	3	59	51	D	4
	WBL	295	424	F	198	354	267	F	69
	WBT	1,108	122	F	10	1,656	94	F	28
	WBR	656	41	D	19	569	55	E	26
Overall Intersection		4,819	89	F	-	5,255	97	F	-
Langstaff Road at Weston Road (Signalized)	NBL	83	119	F	10	213	391	F	41
	NBT	438	50	D	10	671	350	F	84
	NBR	332	4	A	10	455	195	F	91
	SBL	381	440	F	91	169	109	F	22
	SBT	705	229	F	34	586	61	E	16
	SBR	182	152	F	17	311	21	C	12
	EBL	100	698	F	27	111	924	F	252
	EBT	726	763	F	87	505	919	F	75
	EBR	69	581	F	20	40	729	F	16
	WBL	150	321	F	29	139	218	F	33
	WBT	585	43	D	13	1,321	80	F	34
	WBR	378	18	B	15	393	32	C	59
Overall Intersection		4,129	270	F	-	4,914	242	F	-
	NBL	13	114	F	2	40	41	D	6

Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Weston Road at Green Park Blvd. (Signalized)	NBT	622	30	C	8	994	12	B	32	
	NBR	288	124	F	47	211	11	B	6	
	SBL	372	286	F	100	126	126	F	20	
	SBT	1,231	111	F	33	785	15	B	17	
	SBR	39	76	E	3	17	8	A	1	
	EBL	30	56	E	4	63	55	D	24	
	EBT	62	337	F	19	23	39	D	4	
	EBR	13	15	B	4	24	12	B	3	
	WBL	118	82	F	14	219	74	E	17	
	WBT	24	60	E	3	40	80	E	5	
	WBR	100	20	C	6	396	49	D	16	
	Overall Intersection		2,912	113	F	-	2,938	28	C	-
	Weston Road at Valeria Blvd. (Unsignalized)	NBL	36	39	E	4	50	12	B	2
NBT		673	0	A	1	1,540	1	A	1	
NBR										
SBL										
SBT		1,681	127	F	91	909	2	A	1	
SBR		14	48	E	1	34	4	A	1	
EBL		18	45	E	2	39	50	F	4	
EBT										
EBR		62	42	E	5	25	26	D	3	
WBL										
WBT										
WBR										
Weston Road at Astona Blvd. (Signalized)		NBL	58	43	D	5	114	42	D	10
	NBT	638	9	A	7	1,493	40	D	46	
	NBR									
	SBL									
	SBT	1,350	58	E	71	813	13	B	12	
	SBR	8	81	F	1	178	6	A	2	
	EBL	334	80	E	28	128	127	F	26	
	EBT									
	EBR	479	83	F	30	143	23	C	5	
	WBL									
	WBT									
	WBR									
	Overall Intersection		2,867	51	D	-	2,869	30	C	-
Langstaff Road at Hwy 400 Southbound Off-Ramp (Signalized) (As part of Langstaff Road Improvements)	NBL									
	NBT									
	NBR									
	SBL	673	111	F	16	457	63	E	17	
	SBT									
	SBR	528	142	F	29	262	58	E	23	
	EBL									
	EBT	1,566	19	B	15	1,238	41	D	12	
	EBR									
	WBL									
	WBT	1,527	113	F	20	2,340	64	E	24	
	WBR									
	Overall Intersection		4,294	81	F	-	4,297	56	E	-

**Appendix M FUTURE 2041 BASE CONDITIONS MODEL
INTERSECTION TURN VOLUME AND LEVEL OF
SERVICE MODELLING RESULTS**



Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Weston Road (Signalized)	NBL	112	155	F	42	160	108	F	23	
	NBT	393	74	E	15	706	91	F	36	
	NBR	627	51	D	41	201	57	E	18	
	SBL	512	205	F	59	262	270	F	67	
	SBT	1,095	129	F	37	823	118	F	27	
	SBR	78	73	E	6	108	32	C	6	
	EBL	42	95	F	3	164	811	F	43	
	EBT	1,431	64	E	33	1,414	54	D	21	
	EBR	185	57	E	17	148	56	E	11	
	WBL	155	534	F	74	149	507	F	67	
	WBT	722	177	F	21	855	161	F	25	
	WBR	189	111	F	13	237	90	F	15	
	Overall Intersection		5,541	118	F	-	5,227	133	F	-
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	25	64	E	2	65	95	F	8
NBT		0	0	A	0	5	62	E	1	
NBR		38	33	C	3	151	32	C	8	
SBL		590	38	D	9	268	58	E	9	
SBT		1	97	F	1	0	0	A	0	
SBR		10	10	B	2	42	17	B	3	
EBL		22	90	F	2	93	34	C	6	
EBT		2,360	54	D	39	1,781	17	B	13	
EBR		88	53	D	6	20	13	B	2	
WBL		50	949	F	28	49	137	F	5	
WBT		1,075	196	F	40	1,167	150	F	29	
WBR		90	194	F	18	886	135	F	66	
Overall Intersection			4,349	98	F	-	4,527	78	E	-
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL								
	NBT									
	NBR									
	SBL	669	159	F	20	565	65	E	17	
	SBT									
	SBR	194	55	E	7	266	43	D	7	
	EBL									
	EBT	1,527	34	C	30	1,677	18	B	15	
	EBR									
	WBL									
	WBT	979	55	D	16	1,882	68	E	16	
WBR										
Overall Intersection		3,369	64	E	-	4,390	45	D	-	
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	331	167	F	29	879	163	F	49	
	NBT	4	162	F	1	2	92	F	0	
	NBR	1,077	271	F	92	597	42	D	10	
	SBL	9	92	F	3	0	0	A	0	
	SBT									
	SBR	10	36	D	2	3	119	F	2	
	EBL	13	138	F	2	0	0	A	1	
	EBT	1,701	76	E	29	1,939	23	C	16	
	EBR									
	WBL									
	WBT	2,173	16	B	6	2,410	19	B	6	
WBR	24	89	F	1	73	95	F	1		
Overall Intersection		5,342	95	F	-	5,903	42	D	-	
Rutherford Road at Sweetriver Blvd. (Signalized)	NBL	147	51	D	7	753	136	F	20	
	NBT	6	38	D	1	61	62	E	3	
	NBR	8	15	B	1	44	31	C	4	
	SBL	34	100	F	10	63	91	F	6	
	SBT	69	73	E	9	42	94	F	5	
	SBR	112	30	C	5	313	42	D	10	
	EBL	71	65	E	9	161	49	D	15	
	EBT	2,189	52	D	22	1,922	34	C	20	
	EBR	409	24	C	30	385	11	B	15	
	WBL	46	88	F	39	85	72	E	7	
	WBT	1,928	31	C	14	1,507	68	E	14	
	WBR	44	35	C	4	35	80	F	3	
	Overall Intersection		5,063	40	D	-	5,371	57	E	-
	Rutherford Road at Julliard Drive (Signalized)	NBL	18	78	E	5	256	221	F	23
NBT		10	56	E	1	159	78	E	8	
NBR		50	24	C	5	405	52	D	20	
SBL		62	62	E	6	80	76	E	7	
SBT		108	77	E	12	63	44	D	3	
SBR		68	43	D	8	71	32	C	5	
EBL		72	72	E	5	182	70	E	10	
EBT		1,945	54	D	20	1,821	95	F	20	
EBR		178	60	E	10	13	72	E	2	
WBL		142	114	F	26	223	100	F	23	
WBT		1,925	37	D	21	1,334	76	E	18	
WBR		47	20	C	3	41	94	F	5	
Overall Intersection			4,625	46	D	-	4,648	85	F	-
NBL		54	141	F	11	190	307	F	51	

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
		Rutherford Road at Jane Street (Signalized)	NBT	483	49	D	10	2,000	88
NBR	194		18	B	9	516	74	E	38
SBL	99		64	E	7	45	113	F	5
SBT	1,242		60	E	18	765	47	D	18
SBR	187		35	D	11	135	20	C	13
EBL	141		99	F	17	202	448	F	31
EBT	1,285		67	E	21	1,763	69	E	21
EBR	708		74	E	34	305	43	D	15
WBL	460		149	F	18	222	244	F	18
WBT	1,969		56	E	19	1,313	77	E	18
WBR	490		36	D	19	199	51	D	10
Overall Intersection	7,312		62	E	-	7,655	89	F	-
Jane Street at Riverock Gate (Signalized)	NBL		105	85	F	17	198	251	F
	NBT	643	16	B	7	2,270	91	F	29
	NBR	31	5	A	2	34	80	F	6
	SBL	166	37	D	9	46	415	F	9
	SBT	2,185	15	B	14	1,082	20	B	11
	SBR	64	24	C	3	197	22	C	9
	EBL	65	56	E	7	167	424	F	61
	EBT	29	62	E	5	96	214	F	4
	EBR	273	63	E	30	23	82	F	3
	WBL	58	54	D	6	261	88	F	21
	WBT	25	64	E	4	257	61	E	14
	WBR	25	23	C	3	208	49	D	14
	Overall Intersection	3,669	22	C	-	4,839	90	F	-
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL	209	14	B	6	61	29	C	4
	NBT	646	7	A	5	2,106	60	E	35
	NBR	60	5	A	2	3	16	B	1
	SBL	134	31	C	5	54	126	F	5
	SBT	2,099	18	B	16	937	23	C	17
	SBR	363	13	B	7	517	13	B	12
	EBL	123	460	F	64	287	179	F	55
	EBT	104	249	F	5	81	102	F	2
	EBR	328	85	F	29	94	9	A	3
	WBL	25	63	E	4	114	66	E	9
	WBT	57	63	E	6	183	118	F	12
	WBR	37	29	C	4	150	112	F	11
	Overall Intersection	4,185	39	D	-	4,587	56	E	-
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	125	146	F	30	233	179	F	22
	NBT	194	42	D	5	729	94	F	20
	NBR	48	20	B	3	39	91	F	5
	SBL	134	72	E	13	200	189	F	27
	SBT	354	25	C	5	287	22	C	6
	SBR	68	15	B	3	152	37	D	20
	EBL	85	34	C	6	30	41	D	4
	EBT	776	16	B	11	229	16	B	4
	EBR	286	22	C	18	151	8	A	3
	WBL	39	54	D	4	14	50	D	2
	WBT	388	18	B	7	833	45	D	9
	WBR	45	12	B	3	201	43	D	8
	Overall Intersection	2,542	28	C	-	3,098	66	E	-
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	2	181	F	0	15	27	C	2
	NBT	284	226	F	21	291	14	B	5
	NBR	1,149	346	F	117	422	10	A	7
	SBL								
	SBT								
	SBR	161	41	D	6	547	238	F	39
	EBL	0	0	A	0	0	0	A	0
	EBT	0	0	A	0	0	0	A	0
	EBR								
	WBL								
	WBT	574	33	C	12	1,163	90	F	21
	WBR	5	19	B	2	13	79	E	3
	Overall Intersection	2,175	223	F	-	2,451	98	F	-
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	14	211	F	4	86	108	F	17
	NBT	801	12	B	10	1,717	89	F	70
	NBR	215	8	A	7	92	72	E	9
	SBL	37	27	C	2	30	75	E	3
	SBT	2,246	13	B	21	1,091	17	B	17
	SBR	163	9	A	4	73	7	A	3
	EBL	75	64	E	8	334	74	E	24
	EBT	8	57	E	1	37	66	E	1
	EBR	40	64	E	4	50	24	C	4
	WBL	86	64	E	8	209	63	E	14
	WBT	37	48	D	4	23	46	D	4
	WBR	54	28	C	5	69	28	C	5
	Overall Intersection	3,776	15	B	-	3,811	59	E	-
	NBL	178	94	F	13	180	114	F	23

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Jane Street at Langstaff Road (Signalized)	NBT	642	22	C	9	1,410	37	D	28
	NBR	74	11	B	4	117	17	B	4
	SBL	209	160	F	27	75	260	F	18
	SBT	1,038	40	D	20	859	38	D	16
	SBR	628	25	C	26	295	51	D	27
	EBL	170	143	F	13	316	115	F	32
	EBT	903	66	E	14	567	58	E	14
	EBR	412	55	D	20	54	20	B	3
	WBL	145	302	F	23	60	105	F	9
	WBT	387	47	D	8	302	86	F	22
	WBR	126	36	D	8	109	112	F	31
	Overall Intersection		4,912	57	E	-	4,344	57	E
Langstaff Road at Millway Avenue (Signalized)	NBL	15	27	C	2	126	122	F	10
	NBT	44	53	D	5	89	48	D	8
	NBR	62	38	D	4	86	28	C	6
	SBL	234	85	F	11	23	90	F	3
	SBT	68	69	E	8	21	79	E	4
	SBR	20	45	D	3	242	82	F	11
	EBL	107	65	E	23	170	96	F	70
	EBT	1,271	25	C	24	803	20	B	11
	EBR	88	11	B	3	30	6	A	1
	WBL	243	39	D	19	151	67	E	13
	WBT	918	12	B	12	572	76	E	20
	WBR	47	3	A	1	15	32	C	2
Overall Intersection		3,117	27	C	-	2,328	54	D	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	201	118	F	19	280	342	F	92
	NBT	149	38	D	4	554	96	F	9
	NBR	16	28	C	3	103	34	C	6
	SBL	44	50	D	4	55	276	F	3
	SBT	223	84	F	16	175	260	F	5
	SBR	392	49	D	16	526	216	F	117
	EBL	371	56	E	22	285	80	E	26
	EBT	1,419	15	B	12	900	22	C	11
	EBR	615	14	B	10	104	8	A	2
	WBL	81	241	F	14	31	105	F	6
	WBT	788	63	E	20	849	190	F	36
	WBR	63	29	C	7	1	63	E	2
Overall Intersection		4,362	41	D	-	3,863	135	F	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	533	261	F	44	453	174	F	34
	NBT								
	NBR	488	581	F	205	426	38	D	21
	SBL								
	SBT								
	SBR								
	EBL								
	EBT	1,951	18	B	21	864	9	A	9
	EBR								
	WBL								
	WBT	1,385	108	F	54	1,559	154	F	58
	WBR								
Overall Intersection		4,357	138	E	-	3,302	102	E	-
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	80	129	F	6	59	47	D	11
	NBT	51	34	C	5	77	43	D	15
	NBR	368	12	B	7	755	31	C	17
	SBL	223	66	E	12	49	67	E	11
	SBT	397	121	F	34	23	38	D	7
	SBR	52	106	F	8	53	28	C	7
	EBL	139	74	E	14	28	511	F	32
	EBT	1,888	22	C	19	772	114	F	14
	EBR	247	16	B	7	30	19	B	4
	WBL	109	476	F	82	206	116	F	25
	WBT	1,239	69	E	26	1,146	84	F	25
	WBR	403	32	C	18	246	53	D	22
Overall Intersection		5,196	53	D	-	3,444	76	E	-
Langstaff Road at Weston Road (Signalized)	NBL	77	69	E	6	193	551	F	20
	NBT	509	50	D	12	300	175	F	79
	NBR	270	41	D	10	40	140	F	54
	SBL	332	318	F	81	131	68	E	10
	SBT	925	171	F	43	334	65	E	17
	SBR	261	124	F	23	149	20	C	7
	EBL	247	169	F	32	37	551	F	171
	EBT	1,653	105	F	54	705	274	F	49
	EBR	181	74	E	13	102	204	F	12
	WBL	127	419	F	46	151	119	F	25
	WBT	613	55	D	13	919	98	F	23
	WBR	560	24	C	20	155	30	C	112
Overall Intersection		5,755	112	F	-	3,216	165	F	-
	NBL	20	46	D	2	23	50	D	5

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
		Weston Road at Green Park Blvd. (Signalized)							
	NBT	945	22	C	16	397	39	D	32
	NBR	307	75	E	49	14	21	C	2
	SBL	358	224	F	69	36	313	F	130
	SBT	1,368	102	F	53	575	183	F	34
	SBR	45	74	E	4	54	290	F	4
	EBL	34	51	D	3	7	244	F	29
	EBT	33	57	E	4	4	51	D	16
	EBR	7	9	A	2	6	6	A	12
	WBL	159	84	F	16	23	41	D	10
	WBT	7	66	E	3	1	141	F	2
	WBR	103	16	B	5	61	120	E	16
	Overall Intersection	3,386	82	F	-	1,201	130	F	-
Weston Road at Valeria Blvd. (Unsignalized)									
	NBL	35	25	D	3	11	33	D	2
	NBT	1,024	1	A	2	675	74	F	40
	NBR								
	SBL								
	SBT	1,825	47	E	49	746	113	F	103
	SBR	16	43	E	2	25	53	F	8
	EBL	18	64	F	2	34	43	E	2
	EBT								
	EBR	29	35	D	2	41	27	D	3
	WBL								
	WBT								
	WBR								
Weston Road at Astona Blvd. (Signalized)									
	NBL	51	33	D	4	67	195	F	14
	NBT	977	10	B	10	789	172	F	56
	NBR								
	SBL								
	SBT	1,445	18	C	27	873	18	C	38
	SBR	0	0	A	0	165	8	A	18
	EBL	317	58	F	16	145	96	F	28
	EBT								
	EBR	411	38	E	18	116	21	C	9
	WBL								
	WBT								
	WBR								
	Overall Intersection	3,201	20	C	-	2,155	81	F	-

BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Appendix N Future 2031 Option A Model Intersection Turn Volume and Level of Service Modelling Results (With Bass Pro Mills Drive Extension)

Appendix N FUTURE 2031 OPTION A MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION)



Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Weston Road (Signalized)	NBL	132	362	F	22	415	208	F	49	
	NBT	415	61	E	7	1,694	146	F	33	
	NBR	444	53	D	25	148	126	F	14	
	SBL	445	274	F	68	162	282	F	43	
	SBT	1,701	139	F	43	887	54	D	13	
	SBR	101	140	F	10	111	46	D	6	
	EBL	45	91	F	4	152	887	F	44	
	EBT	1,479	63	E	25	1,324	57	E	21	
	EBR	260	75	E	20	238	52	D	13	
	WBL	102	470	F	39	118	629	F	61	
	WBT	884	88	F	25	835	167	F	28	
	WBR	193	41	D	14	259	100	F	13	
	Overall Intersection		6,201	113	F	-	6,343	140	F	-
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	12	49	D	2	55	77	E	6
NBT		0	0	A	0	5	62	E	1	
NBR		52	33	C	4	161	27	C	6	
SBL		627	36	D	9	268	61	E	9	
SBT		1	2	A	0	0	0	A	0	
SBR		8	6	A	1	42	16	B	3	
EBL		25	34	C	3	104	34	C	5	
EBT		2,241	36	D	23	1,527	18	B	13	
EBR		107	35	D	9	28	12	B	2	
WBL		44	669	F	20	48	77	E	4	
WBT		1,119	23	C	15	1,205	94	F	28	
WBR		88	24	C	7	958	96	F	61	
Overall Intersection			4,324	37	D	-	4,401	58	E	-
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL								
	NBT									
	NBR									
	SBL	781	145	F	21	601	66	E	17	
	SBT									
	SBR	114	28	C	6	232	32	C	5	
	EBL									
	EBT	1,548	14	B	12	1,529	20	C	15	
	EBR									
	WBL									
	WBT	1,126	15	B	8	2,078	26	C	16	
WBR										
Overall Intersection		3,569	42	D	-	4,440	28	C	-	
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	302	108	F	14	923	61	E	23	
	NBT	4	128	F	1	1	88	F	1	
	NBR	1,155	236	F	102	581	43	D	11	
	SBL	9	92	F	3	0	0	A	0	
	SBT									
	SBR	10	30	C	2	3	91	F	2	
	EBL	5	93	F	1	5	126	F	1	
	EBT	1,953	43	D	28	1,674	66	E	26	
	EBR									
	WBL									
	WBT	2,563	15	B	7	3,076	12	B	6	
WBR	16	58	E	1	2	48	D	1		
Overall Intersection		6,017	69	E	-	6,265	34	C	-	
Rutherford Road at Sweetriver Blvd. (Signalized)	NBL	217	54	D	7	670	113	F	20	
	NBT	16	62	E	1	77	62	E	4	
	NBR	24	17	B	2	54	34	C	8	
	SBL	67	85	F	9	44	115	F	7	
	SBT	78	79	E	8	47	93	F	9	
	SBR	158	35	C	6	274	39	D	10	
	EBL	80	60	E	6	156	101	F	13	
	EBT	2,173	27	C	17	1,495	68	E	21	
	EBR	774	39	D	31	425	36	D	23	
	WBL	73	72	E	9	110	57	E	19	
	WBT	2,292	33	C	13	2,099	45	D	14	
	WBR	46	34	C	4	31	43	D	2	
	Overall Intersection		5,998	32	C	-	5,482	59	E	-
	Rutherford Road at Julliard Drive (Signalized)	NBL	20	67	E	3	313	147	F	23
NBT		11	73	E	1	146	89	F	8	
NBR		53	16	B	2	459	85	F	22	
SBL		71	53	D	6	42	222	F	7	
SBT		113	54	D	3	74	39	D	5	
SBR		93	41	D	5	90	25	C	5	
EBL		85	51	D	5	147	120	F	14	
EBT		2,019	36	D	21	1,397	121	F	21	
EBR		147	35	D	8	20	116	F	4	
WBL		135	49	D	7	146	57	E	11	
WBT		2,319	25	C	21	1,847	15	B	11	
WBR		52	28	C	4	42	20	B	3	
Overall Intersection			5,118	30	C	-	4,723	68	E	-
NBL		68	99	F	8	249	360	F	71	

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
		Rutherford Road at Jane Street (Signalized)	NBT	541	44	D	8	1,876	133
NBR	252		29	C	19	530	110	F	30
SBL	101		70	E	6	45	142	F	6
SBT	1,225		63	E	17	672	41	D	14
SBR	205		28	C	8	228	21	C	13
EBL	128		244	F	28	146	678	F	30
EBT	1,479		68	E	19	1,516	64	E	21
EBR	593		64	E	33	243	39	D	10
WBL	453		93	F	16	206	92	F	9
WBT	2,252		47	D	19	1,547	40	D	16
WBR	521		31	C	17	216	32	C	9
Overall Intersection	7,818		57	E	-	7,474	94	F	-
Jane Street at Riverock Gate (Signalized)	NBL	101	75	E	6	174	127	F	27
	NBT	670	16	B	7	2,219	94	F	43
	NBR	35	5	A	1	25	99	F	4
	SBL	177	38	D	9	62	138	F	8
	SBT	2,032	14	B	13	868	19	B	10
	SBR	46	15	B	2	219	18	B	9
	EBL	166	54	D	11	184	353	F	69
	EBT	100	47	D	8	98	215	F	3
	EBR	391	50	D	22	38	110	F	2
	WBL	53	62	E	5	239	73	F	16
	WBT	25	48	D	3	221	71	E	16
	WBR	29	13	B	3	263	57	E	17
Overall Intersection	3,825	22	C	-	4,610	85	F	-	
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL	182	11	B	4	35	28	C	4
	NBT	592	6	A	6	1,972	57	E	37
	NBR	60	5	A	2	2	14	B	1
	SBL	155	29	C	7	44	127	F	6
	SBT	1,948	14	B	16	874	25	C	14
	SBR	541	15	B	16	350	9	A	9
	EBL	182	429	F	60	281	245	F	77
	EBT	118	233	F	7	105	157	F	4
	EBR	232	102	F	21	106	27	C	5
	WBL	26	60	E	4	118	61	E	10
	WBT	55	68	E	5	190	98	F	13
	WBR	38	32	C	3	149	96	F	10
Overall Intersection	4,129	42	D	-	4,226	62	E	-	
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	112	72	E	11	274	140	F	26
	NBT	156	29	C	4	686	101	F	21
	NBR	32	20	B	3	42	79	E	6
	SBL	68	42	D	6	179	99	F	15
	SBT	443	26	C	6	240	21	C	4
	SBR	106	19	B	3	165	24	C	10
	EBL	179	59	E	18	48	128	F	14
	EBT	872	22	C	19	342	17	B	6
	EBR	362	16	B	12	147	7	A	3
	WBL	17	46	D	2	7	42	D	2
	WBT	531	16	B	9	806	34	C	9
	WBR	43	14	B	3	238	31	C	9
Overall Intersection	2,921	23	C	-	3,174	55	E	-	
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	322	305	F	79	98	26	C	7
	NBT	340	206	F	13	351	15	B	4
	NBR	1,013	340	F	115	358	11	B	6
	SBL								
	SBT								
	SBR	324	48	D	8	524	252	F	39
	EBL	51	167	F	10	19	1,489	F	50
	EBT	424	41	D	15	181	35	C	5
	EBR								
	WBL								
	WBT	752	37	D	15	1,209	85	F	20
	WBR	5	22	C	2	9	91	F	3
Overall Intersection	3,231	179	F	-	2,749	101	F	-	
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	37	141	F	5	56	101	F	11
	NBT	727	11	B	12	1,656	106	F	72
	NBR	190	8	A	4	101	103	F	17
	SBL	66	33	C	3	18	62	E	2
	SBT	1,884	11	B	23	1,078	14	B	16
	SBR	197	11	B	7	61	7	A	2
	EBL	48	63	E	4	324	84	F	26
	EBT	11	52	D	1	85	74	E	3
	EBR	31	58	E	3	37	25	C	3
	WBL	77	69	E	7	222	72	E	14
	WBT	26	55	D	3	7	52	D	2
	WBR	73	33	C	6	71	27	C	4
Overall Intersection	3,367	14	B	-	3,716	68	E	-	
	NBL	159	111	F	12	275	123	F	23

Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
		Jane Street at Langstaff Road (Signalized)	NBT	666	23	C	11	1,367	33	C
NBR	74		11	B	4	119	15	B	4	
SBL	200		185	F	38	61	190	F	9	
SBT	1,142		55	E	23	835	28	C	16	
SBR	263		25	C	10	330	13	B	10	
EBL	92		76	E	13	249	115	F	32	
EBT	996		57	E	15	623	54	D	13	
EBR	356		50	D	18	89	27	C	5	
WBL	145		216	F	16	75	96	F	9	
WBT	414		44	D	8	459	71	E	14	
WBR	107		32	C	7	122	65	E	28	
Overall Intersection			4,614	56	E	-	4,604	48	D	-
Langstaff Road at Millway Avenue (Signalized)	NBL		19	26	C	2	144	50	D	8
	NBT	43	55	E	5	121	43	D	8	
	NBR	59	33	C	4	139	27	C	7	
	SBL	219	80	E	11	52	80	F	5	
	SBT	41	62	E	5	24	56	E	3	
	SBR	23	38	D	3	276	37	D	11	
	EBL	103	28	C	11	213	78	E	24	
	EBT	1,160	10	B	18	767	10	A	6	
	EBR	119	8	A	4	30	4	A	1	
	WBL	254	49	D	16	220	45	D	10	
	WBT	569	8	A	8	936	12	B	11	
	WBR	34	3	A	1	14	8	A	1	
	Overall Intersection		2,643	20	B	-	2,936	23	C	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	227	98	F	28	448	248	F	74	
	NBT	113	47	D	3	588	67	E	9	
	NBR	45	29	C	3	70	32	C	4	
	SBL	95	51	D	8	34	125	F	3	
	SBT	203	53	D	8	150	83	F	5	
	SBR	296	38	D	15	804	108	F	69	
	EBL	444	21	C	10	224	135	F	18	
	EBT	1,236	14	B	13	920	20	C	11	
	EBR	764	15	B	17	128	6	A	1	
	WBL	51	90	F	6	47	64	E	4	
	WBT	490	42	D	11	1,407	64	E	36	
	WBR	70	10	B	3	7	33	C	2	
	Overall Intersection		4,034	27	C	-	4,827	79	E	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	523	280	F	49	443	63	E	19	
	NBT									
	NBR	516	781	F	220	438	44	D	25	
	SBL									
	SBT									
	SBR									
	EBL									
	EBT	1,932	23	C	22	840	7	A	11	
	EBR									
	WBL									
	WBT	1,021	27	C	23	2,644	47	D	33	
	WBR									
	Overall Intersection		3,992	154	E	-	4,365	39	D	-
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	83	121	F	10	202	47	D	11	
	NBT	51	35	D	5	280	45	D	14	
	NBR	369	12	B	6	723	25	C	16	
	SBL	298	130	F	39	224	65	E	13	
	SBT	388	144	F	34	111	39	D	9	
	SBR	42	131	F	11	87	33	C	5	
	EBL	108	52	D	10	115	315	F	27	
	EBT	1,732	24	C	19	873	43	D	11	
	EBR	183	20	B	6	102	18	B	3	
	WBL	189	343	F	113	302	172	F	32	
	WBT	845	80	E	15	1,488	52	D	26	
	WBR	163	32	C	6	390	26	C	12	
	Overall Intersection		4,451	65	E	-	4,897	54	D	-
Langstaff Road at Weston Road (Signalized)	NBL	77	67	E	6	268	262	F	40	
	NBT	557	50	D	13	1,186	234	F	61	
	NBR	224	41	D	9	159	180	F	22	
	SBL	168	161	F	24	102	78	E	9	
	SBT	1,204	191	F	53	650	39	D	17	
	SBR	322	164	F	31	325	16	B	9	
	EBL	315	59	E	15	178	443	F	52	
	EBT	1,611	58	E	35	852	61	E	20	
	EBR	180	29	C	7	103	24	C	6	
	WBL	109	189	F	18	185	236	F	29	
	WBT	547	41	D	16	1,343	48	D	25	
	WBR	298	14	B	7	293	23	C	17	
	Overall Intersection		5,612	89	F	-	5,644	114	F	-
	NBL	14	38	D	2	95	37	D	5	

Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Weston Road at Green Park Blvd. (Signalized)	NBT	890	11	B	8	1,580	33	C	33	
	NBR	250	35	C	21	51	35	D	5	
	SBL	248	123	F	55	200	70	E	12	
	SBT	1,567	137	F	65	805	7	A	11	
	SBR	35	86	F	3	37	5	A	1	
	EBL	55	50	D	5	66	60	E	5	
	EBT	14	42	D	2	13	45	D	3	
	EBR	5	12	B	1	50	11	B	4	
	WBL	91	129	F	14	216	60	E	16	
	WBT	14	66	E	3	23	36	D	3	
	WBR	36	33	C	4	316	31	C	16	
	Overall Intersection		3,219	86	F	-	3,452	28	C	-
	Weston Road at Valeria Blvd. (Unsignalized)	NBL	24	38	E	2	33	32	D	3
NBT		960	1	A	1	1,893	57	F	42	
NBR										
SBL										
SBT		1,922	27	D	45	993	1	A	1	
SBR		30	19	C	4	35	4	A	1	
EBL		34	52	F	3	31	143	F	5	
EBT										
EBR		12	55	F	2	44	24	C	2	
WBL										
WBT										
WBR										
Weston Road at Astona Blvd. (Signalized)		NBL	51	46	D	5	254	109	F	18
	NBT	829	8	A	6	2,102	127	F	37	
	NBR									
	SBL									
	SBT	2,082	37	D	28	1,075	16	B	13	
	SBR	3	55	D	1	153	9	A	5	
	EBL	203	58	E	15	108	213	F	20	
	EBT									
	EBR	519	19	B	16	159	11	B	3	
	WBL									
	WBT									
	WBR									
	Overall Intersection		3,687	27	C	-	3,851	79	E	-
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension (Unsignalized)	NBL	40	32	D	4	319	139	F	85	
	NBT	52	42	E	4	45	178	F	9	
	NBR	21	36	E	3	23	215	F	7	
	SBL									
	SBT									
	SBR									
	EBL	291	20	C	12	124	42	E	7	
	EBT	458	1	A	1	215	1	A	0	
	EBR	148	2	A	1	57	2	A	0	
	WBL	362	11	B	9	36	4	A	1	
	WBT	487	2	A	1	320	3	A	0	
	WBR	545	4	A	5	1,476	10	A	2	
	Weston Road at Bass Pro Mills Drive (Signalized)	NBL								
NBT		750	9	A	5	1,774	87	F	28	
NBR		260	7	A	7	56	70	E	7	
SBL		746	152	F	82	320	144	F	62	
SBT		1,859	36	D	22	898	36	D	10	
SBR										
EBL										
EBT										
EBR										
WBL		92	49	D	11	114	96	F	8	
WBT										
WBR		141	16	B	6	603	119	F	53	
Overall Intersection			3,848	50	D	-	3,765	83	F	-
Bass Pro Mills Drive at West Creek Drive/ VMCS Street A (Unsignalized)	NBL	17	27	D	3	173	537	F	83	
	NBT									
	NBR	83	19	C	5	96	381	F	35	
	SBL									
	SBT									
	SBR									
	EBL									
	EBT	818	1	A	1	295	1	A	1	
	EBR	172	2	A	16	82	2	A	0	
	WBL	284	28	D	20	86	10	A	4	
	WBT	233	9	A	3	555	33	D	20	
	WBR									
	Bass Pro Mills Drive at West Creek Drive/ VMCS Street B (Unsignalized)	NBL	17	27	D	3	173	537	F	83
NBT										
NBR		83	19	C	5	96	381	F	35	
SBL										
SBT										
SBR										
EBL										
EBT		818	1	A	1	295	1	A	1	
EBR		172	2	A	16	82	2	A	0	
WBL		284	28	D	20	86	10	A	4	
WBT		233	9	A	3	555	33	D	20	
WBR										

Analysis Sheet

[Input Sheet](#)

[Results Sheet](#)

[Proposed Collision](#)

GO TO Justification:

Intersection: Bass Pro - HWY 400 Off Ramp - FT - No VMCS 2031

Count Date:

Justification 1: Minimum Vehicle Volumes

Restricted Flow Urban Conditions

Justification	Guidance Approach Lanes				Percentage Warrant								Total Across	Section Percent		
	1 Lanes		2 or More Lanes		Hour Ending											
Flow Condition	FREE FLOW	RESTR. FLOW	FREE FLOW	RESTR. FLOW	9:00	10:00	11:00	12:00	15:00	16:00	17:00	18:00				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>												
1A	480	720	600	900	1,829	1,737	1,555	1,374	1,963	2,224	2,486	2,617				
	COMPLIANCE %				100	100	100	100	100	100	100	100	100	800	100	
1B	120	170	120	170	100	95	85	76	262	298	333	350				
	COMPLIANCE %				59	56	50	45	100	100	100	100	100	609	76	
Restricted Flow Signal Justification 1:					Both 1A and 1B 100% Fulfilled each of 8 hours Lesser of 1A or 1B at least 80% fulfilled each of 8 hours								Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Justification 2: Delay to Cross Traffic

Restricted Flow Urban Conditions

Justification	Guidance Approach Lanes				Percentage Warrant								Total Across	Section Percent		
	1 lanes		2 or More lanes		Hour Ending											
Flow Condition	FREE FLOW	RESTR. FLOW	FREE FLOW	RESTR. FLOW	9:00	10:00	11:00	12:00	15:00	16:00	17:00	18:00				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>												
2A	480	720	600	900	1,729	1,642	1,470	1,298	1,701	1,926	2,153	2,267				
	COMPLIANCE %				100	100	100	100	100	100	100	100	100	800	100	
2B	50	75	50	75	291	277	106	94	286	325	363	381				
	COMPLIANCE %				100	100	100	100	100	100	100	100	100	800	100	
Restricted Flow Signal Justification 2:					Both 2A and 2B 100% fulfilled each of 8 hours Lesser of 2A or 2B at least 80% fulfilled each of 8 hours								Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Analysis Sheet

[Input Sheet](#)

[Results Sheet](#)

[Proposed Collision](#)

GO TO Justification:

Intersection: Weston and Bass Pro FT - No VMCS 2031

Count Date:

Justification 1: Minimum Vehicle Volumes

Restricted Flow Urban Conditions

Justification	Guidance Approach Lanes				Percentage Warrant								Total Across	Section Percent
	1 Lanes		2 or More Lanes		Hour Ending									
Flow Condition	FREE FLOW	RESTR. FLOW	FREE FLOW	RESTR. FLOW	9:00	10:00	11:00	12:00	15:00	16:00	17:00	18:00		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
1A	480	720	600	900	3,633	3,451	3,088	2,726	2,882	3,265	3,650	3,842		
	COMPLIANCE %				100	100	100	100	100	100	100	100	800	100
1B	180	255	180	255	120	114	102	90	545	617	690	726		
	COMPLIANCE %				47	45	40	35	100	100	100	100	567	71
Restricted Flow Signal Justification 1:					Both 1A and 1B 100% Fulfilled each of 8 hours Yes <input type="checkbox"/> Lesser of 1A or 1B at least 80% fulfilled each of 8 hours Yes <input type="checkbox"/>								No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	

Justification 2: Delay to Cross Traffic

Restricted Flow Urban Conditions

Justification	Guidance Approach Lanes				Percentage Warrant								Total Across	Section Percent
	1 lanes		2 or More lanes		Hour Ending									
Flow Condition	FREE FLOW	RESTR. FLOW	FREE FLOW	RESTR. FLOW	9:00	10:00	11:00	12:00	15:00	16:00	17:00	18:00		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
2A	480	720	600	900	3,513	3,337	2,986	2,636	2,337	2,648	2,960	3,116		
	COMPLIANCE %				100	100	100	100	100	100	100	100	800	100
2B	50	75	50	75	513	488	437	386	225	254	285	299		
	COMPLIANCE %				100	100	100	100	100	100	100	100	800	100
Restricted Flow Signal Justification 2:					Both 2A and 2B 100% fulfilled each of 8 hours Yes <input checked="" type="checkbox"/> Lesser of 2A or 2B at least 80% fulfilled each of 8 hours Yes <input checked="" type="checkbox"/>								No <input type="checkbox"/> No <input type="checkbox"/>	

BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Appendix O FUTURE 2041 OPTION A MODEL INTERSEcTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION)

Appendix O FUTURE 2041 OPTION A MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION)



Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Weston Road (Signalized)	NBL	140	130	F	14	414	228	F	43	
	NBT	445	50	D	9	1,914	113	F	35	
	NBR	351	81	F	36	228	121	F	35	
	SBL	565	267	F	73	156	311	F	34	
	SBT	1,523	142	F	37	973	56	E	15	
	SBR	67	151	F	8	112	55	D	7	
	EBL	49	77	E	3	126	715	F	41	
	EBT	1,412	69	E	33	1,423	80	F	28	
	EBR	190	60	E	14	315	78	E	24	
	WBL	150	177	F	34	49	89	F	5	
	WBT	870	49	D	24	1,126	55	D	27	
	WBR	217	22	C	9	522	25	C	19	
	Overall Intersection		5,979	103	F	-	7,358	100	F	-
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	26	45	D	4	68	60	E	6
NBT		0	0	A	0	12	62	E	1	
NBR		75	45	D	5	175	31	C	6	
SBL		566	42	D	9	306	69	E	9	
SBT		3	39	D	1	0	0	A	0	
SBR		10	8	A	1	32	9	A	2	
EBL		19	71	E	2	176	233	F	34	
EBT		2,107	65	E	31	1,599	22	C	16	
EBR		164	79	E	14	46	14	B	2	
WBL		49	667	F	32	65	28	C	3	
WBT		1,284	26	C	18	1,658	16	B	9	
WBR		119	27	C	7	1,021	30	C	27	
Overall Intersection			4,422	54	D	-	5,158	31	C	-
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL								
	NBT									
	NBR									
	SBL	778	119	F	19	325	65	E	10	
	SBT									
	SBR	265	30	C	6	207	20	C	3	
	EBL									
	EBT	1,265	12	B	10	1,553	15	B	13	
	EBR									
	WBT	1,190	13	B	11	2,566	7	A	9	
	WBR									
Overall Intersection		3,498	37	D	-	4,651	13	B	-	
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	377	84	F	21	1,065	207	F	69	
	NBT	1	4	A	1	3	139	F	1	
	NBR	1,319	179	F	89	622	48	D	12	
	SBL	10	72	E	2	2	67	E	1	
	SBT									
	SBR	6	47	D	1	0	0	A	1	
	EBL	3	88	F	2	0	0	A	0	
	EBT	1,858	40	D	23	1,599	20	C	14	
	EBR									
	WBL									
	WBT	1,917	16	B	6	3,290	11	B	6	
WBR	13	83	F	1	1	58	E	1		
Overall Intersection		5,504	66	E	-	6,582	47	D	-	
Rutherford Road at Sweetriver Blvd. (Signalized)	NBL	157	52	D	6	849	115	F	20	
	NBT	19	42	D	2	104	65	E	5	
	NBR	32	13	B	2	14	43	D	4	
	SBL	48	84	F	6	75	103	F	7	
	SBT	96	140	F	12	34	80	E	4	
	SBR	116	40	D	8	305	33	C	12	
	EBL	143	55	D	12	189	60	E	9	
	EBT	2,396	27	C	23	1,751	16	B	12	
	EBR	535	7	A	12	211	4	A	4	
	WBL	122	97	F	16	151	51	D	10	
	WBT	1,705	20	C	14	2,162	29	C	15	
	WBR	37	14	B	2	25	37	D	3	
	Overall Intersection		5,406	26	C	-	5,870	38	D	-
	Rutherford Road at Julliard Drive (Signalized)	NBL	38	84	F	4	353	125	F	24
NBT		9	64	E	1	153	59	E	7	
NBR		90	16	B	5	415	34	C	23	
SBL		32	52	D	4	56	72	E	6	
SBT		105	51	D	4	46	52	D	2	
SBR		68	36	D	7	100	28	C	5	
EBL		116	38	D	9	160	64	E	13	
EBT		2,285	34	C	20	1,743	17	B	15	
EBR		84	34	C	8	50	12	B	4	
WBL		241	112	F	23	133	50	D	9	
WBT		1,772	23	C	20	1,911	16	B	11	
WBR		45	23	C	3	51	24	C	3	
Overall Intersection			4,885	32	C	-	5,171	28	C	-
		NBL	67	90	F	7	199	169	F	22

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
		Rutherford Road at Jane Street (Signalized)	NBT	743	47	D	10	2,127	50
NBR	146		24	C	7	457	38	D	18
SBL	144		79	E	9	29	168	F	5
SBT	1,205		62	E	17	817	40	D	15
SBR	125		28	C	7	279	21	C	13
EBL	155		206	F	20	189	436	F	31
EBT	1,853		54	D	21	1,809	42	D	20
EBR	461		43	D	20	161	26	C	9
WBL	348		214	F	27	178	85	F	9
WBT	1,890		59	E	21	1,599	40	D	17
WBR	395		34	C	15	185	37	D	8
Overall Intersection	7,532		62	E	-	8,029	53	D	-
Jane Street at Riverock Gate (Signalized)	NBL		46	57	E	4	184	61	E
	NBT	728	15	B	6	2,170	18	B	12
	NBR	47	6	A	1	92	33	C	5
	SBL	207	35	D	10	54	378	F	11
	SBT	1,767	11	B	12	970	21	C	9
	SBR	60	10	A	3	140	15	B	6
	EBL	191	57	E	11	223	319	F	60
	EBT	106	47	D	8	108	202	F	7
	EBR	221	39	D	10	61	77	E	5
	WBL	47	59	E	5	181	79	E	15
	WBT	5	51	D	2	177	50	D	11
	WBR	59	16	B	3	347	46	D	19
	Overall Intersection	3,484	18	B	-	4,707	48	D	-
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL	184	13	B	6	82	19	B	5
	NBT	616	9	A	6	2,018	14	B	16
	NBR	52	6	A	1	9	18	B	1
	SBL	196	24	C	6	39	153	F	5
	SBT	1,181	10	B	9	879	28	C	15
	SBR	809	13	B	10	430	12	B	11
	EBL	146	130	F	17	266	246	F	63
	EBT	129	61	E	8	158	112	F	5
	EBR	390	16	B	11	110	10	B	2
	WBL	27	70	E	4	128	79	E	9
	WBT	54	58	E	7	200	100	F	15
	WBR	58	37	D	6	134	87	F	10
	Overall Intersection	3,842	18	B	-	4,453	41	D	-
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	99	72	E	7	282	58	E	18
	NBT	142	25	C	3	610	25	C	9
	NBR	47	15	B	3	63	20	B	3
	SBL	168	36	D	8	147	113	F	20
	SBT	441	26	C	7	260	20	C	5
	SBR	122	18	B	5	164	13	B	6
	EBL	88	74	E	15	84	60	E	10
	EBT	774	17	B	11	432	19	B	8
	EBR	456	12	B	10	257	9	A	5
	WBL	27	40	D	3	28	33	C	3
	WBT	700	17	B	10	693	21	C	9
	WBR	37	10	A	4	217	16	B	7
	Overall Intersection	3,101	20	C	-	3,237	26	C	-
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	582	212	F	59	455	51	D	29
	NBT	500	149	F	19	423	16	B	6
	NBR	924	238	F	81	483	15	B	11
	SBL								
	SBT								
	SBR	366	66	E	11	477	145	F	28
	EBL	3	167	F	1	7	330	F	3
	EBT	416	29	C	9	249	27	C	6
	EBR								
	WBL								
	WBT	945	50	D	20	1,213	80	E	20
	WBR	5	18	B	1	11	88	F	3
	Overall Intersection	3,741	133	F	-	3,318	63	E	-
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	50	73	E	7	42	48	D	5
	NBT	732	15	B	10	1,670	16	B	21
	NBR	235	10	B	9	158	11	B	4
	SBL	117	25	C	5	21	95	F	2
	SBT	1,338	9	A	11	1,130	15	B	15
	SBR	122	6	A	2	53	6	A	2
	EBL	77	57	E	8	355	70	E	25
	EBT	19	53	D	3	54	68	E	2
	EBR	4	47	D	2	44	29	C	5
	WBL	135	56	E	11	308	72	E	19
	WBT	82	55	D	13	10	51	D	2
	WBR	53	17	B	4	110	26	C	6
	Overall Intersection	2,964	15	B	-	3,955	25	C	-
	NBL	116	242	F	23	286	235	F	41

Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Jane Street at Langstaff Road (Signalized)	NBT	734	25	C	11	1,380	51	D	24	
	NBR	89	11	B	3	167	26	C	9	
	SBL	168	403	F	59	48	462	F	15	
	SBT	1,006	77	E	21	761	35	C	15	
	SBR	61	32	C	6	460	18	B	14	
	EBL	164	150	F	13	252	151	F	23	
	EBT	1,374	62	E	14	1,279	48	D	14	
	EBR	508	58	E	20	167	23	C	9	
	WBL	101	272	F	25	80	281	F	19	
	WBT	1,492	60	E	20	853	57	E	13	
	WBR	268	33	C	15	182	49	D	13	
	Overall Intersection		6,081	72	E	-	5,915	61	E	-
	Langstaff Road at Millway Avenue (Signalized)	NBL	11	63	E	2	136	64	E	10
NBT		23	56	E	5	48	48	D	3	
NBR		114	35	D	5	332	30	C	8	
SBL		201	64	E	11	151	71	E	10	
SBT		103	76	E	8	80	59	E	8	
SBR		96	60	E	6	380	41	D	11	
EBL		166	61	E	13	129	155	F	25	
EBT		1,769	11	B	10	1,190	10	B	7	
EBR		271	10	A	4	46	4	A	1	
WBL		299	102	F	37	187	85	F	16	
WBT		1,325	8	A	6	1,580	15	B	13	
WBR		65	5	A	1	23	8	A	1	
Overall Intersection			4,443	22	C	-	4,282	26	C	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	270	250	F	60	419	259	F	71	
	NBT	103	133	F	4	439	75	E	8	
	NBR	137	10	A	3	116	20	B	5	
	SBL	91	71	E	8	119	91	F	8	
	SBT	182	59	E	6	124	67	E	4	
	SBR	572	43	D	20	897	75	E	36	
	EBL	367	53	D	15	163	221	F	30	
	EBT	1,965	12	B	8	1,146	15	B	7	
	EBR	888	11	B	10	374	10	B	5	
	WBL	20	174	F	4	42	50	D	4	
	WBT	1,273	50	D	19	2,176	36	D	21	
	WBR	108	26	C	5	34	30	C	4	
	Overall Intersection		5,976	39	D	-	6,049	58	E	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	280	300	F	27	587	60	E	22	
	NBT									
	NBR	730	733	F	213	586	72	E	41	
	SBL									
	SBT									
	SBR									
	EBL									
	EBT	2,472	20	C	14	1,115	14	B	9	
	EBR									
	WBL									
	WBT	1,822	9	A	12	2,498	8	A	8	
	WBR									
	Overall Intersection		5,304	128	E	-	4,786	22	C	-
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	80	143	F	7	168	89	F	15	
	NBT	42	40	D	6	320	49	D	16	
	NBR	444	15	B	7	729	62	E	19	
	SBL	165	71	E	22	252	115	F	21	
	SBT	427	141	F	37	355	54	D	19	
	SBR	32	102	F	4	36	39	D	3	
	EBL	61	67	E	16	51	156	F	8	
	EBT	1,813	33	C	17	1,407	38	D	17	
	EBR	206	30	C	9	96	39	D	8	
	WBL	271	350	F	173	223	257	F	50	
	WBT	1,165	68	E	12	1,879	45	D	26	
	WBR	397	17	B	9	426	26	C	32	
	Overall Intersection		5,103	65	E	-	5,942	55	D	-
Langstaff Road at Weston Road (Signalized)	NBL	82	156	F	10	220	381	F	52	
	NBT	468	48	D	11	1,027	275	F	70	
	NBR	303	5	A	10	492	169	F	66	
	SBL	163	136	F	29	113	106	F	14	
	SBT	974	201	F	51	701	61	E	16	
	SBR	247	173	F	31	300	25	C	22	
	EBL	290	125	F	27	163	219	F	24	
	EBT	1,605	90	F	51	1,052	57	E	38	
	EBR	222	79	E	13	132	48	D	12	
	WBL	132	463	F	56	161	198	F	33	
	WBT	692	103	F	19	1,444	56	E	25	
	WBR	361	48	D	21	465	26	C	16	
	Overall Intersection		5,539	113	F	-	6,270	114	F	-
	NBL	52	58	E	5	64	38	D	4	

Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Weston Road at Green Park Blvd. (Signalized)	NBT	774	9	A	7	1,545	10	B	19	
	NBR	323	12	B	7	235	11	B	5	
	SBL	68	110	F	135	45	75	E	5	
	SBT	1,261	206	F	62	856	7	A	7	
	SBR	48	224	F	5	45	8	A	2	
	EBL	50	57	E	5	75	50	D	5	
	EBT	17	50	D	4	12	50	D	2	
	EBR	10	22	C	21	54	16	B	3	
	WBL	73	140	F	15	202	57	E	13	
	WBT	12	46	D	2	28	52	D	3	
	WBR	19	27	C	3	445	24	C	16	
	Overall Intersection		2,707	111	F	-	3,606	15	B	-
	Weston Road at Valeria Blvd. (Unsignalized)	NBL	26	35	E	3	60	10	B	2
NBT		781	1	A	2	2,092	1	A	7	
NBR										
SBL										
SBT		1,449	63	F	48	902	1	A	1	
SBR		22	12	B	1	38	3	A	0	
EBL		71	46	E	4	25	48	E	2	
EBT										
EBR		9	65	F	2	39	22	C	4	
WBL										
WBT										
WBR										
Weston Road at Astona Blvd. (Signalized)		NBL	58	38	D	5	268	26	C	9
	NBT	753	12	B	6	2,370	12	B	17	
	NBR									
	SBL									
	SBT	1,553	64	E	104	1,114	12	B	11	
	SBR	44	241	F	2	200	7	A	3	
	EBL	232	121	F	27	85	60	E	10	
	EBT									
	EBR	544	92	F	36	139	18	B	3	
	WBL									
	WBT									
	WBR									
	Overall Intersection		3,184	59	E	-	4,176	12	B	-
Langstaff Road at Hwy 400 Southbound Off-Ramp (Signalized) (As part of Langstaff Road Improvements)	NBL									
	NBT									
	NBR									
	SBL	907	111	F	21	362	59	E	10	
	SBT									
	SBR	420	68	E	20	197	29	C	9	
	EBL									
	EBT	1,887	13	B	17	1,486	20	C	10	
	EBR									
	WBL									
	WBT	1,423	24	C	13	2,292	13	B	15	
	WBR									
	Overall Intersection		4,637	40	D	-	4,337	19	B	-
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension (Unsignalized)	NBL	27	38	E	2	255	48	E	19	
	NBT	93	36	E	4	114	50	E	9	
	NBR	93	33	D	8	18	41	E	3	
	SBL									
	SBT									
	SBR									
	EBL	170	53	F	14	117	146	F	18	
	EBT	313	0	A	1	240	2	A	1	
	EBR	115	2	A	1	79	2	A	0	
	WBL	1,068	15	C	27	1,666	16	C	10	
	WBT	453	3	A	2	437	4	A	1	
	WBR									
	Weston Road at Bass Pro Mills Drive (Signalized)	NBL								
NBT		657	13	B	6	2,053	18	B	19	
NBR		158	5	A	49	65	21	C	7	
SBL		567	80	E	151	430	64	E	35	
SBT		1,438	82	F	9	797	18	B	11	
SBR										
EBL										
EBT										
EBR										
WBL		144	67	E	26	143	42	D	13	
WBT										
WBR		159	10	B	4	575	24	C	32	
Overall Intersection			3,123	57	E	-	4,063	23	C	-
Bass Pro Mills Drive at West Creek Drive/ VMCS Street A (Unsignalized)	NBL	5	26	D	1	88	20	C	6	
	NBT									
	NBR	53	13	B	3	93	20	C	4	
	SBL									
	SBT									
	SBR									
	EBL									
	EBT	543	1	A	1	346	1	A	0	
	EBR	157	2	A	29	148	2	A	0	
	WBL	145	23	C	38	68	7	A	3	
	WBT	321	24	C	3	624	1	A	4	
	WBR									
	NBL	5	26	D	1	88	20	C	6	

Intersection	Movement	AM PeaK Hour				PM PeaK Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Bass Pro Mills Drive at West Creek Drive/ VMCS Street B (Unsignalized)	NBT								
	NBR	53	13	B	3	93	20	C	4
	SBL								
	SBT								
	SBR								
	EBL								
	EBT	543	1	A	1	346	1	A	0
	EBR	157	2	A	29	148	2	A	0
	WBL	145	23	C	38	68	7	A	3
	WBT	321	24	C	3	624	1	A	4
	WBR								

**Appendix P FUTURE 2031 OPTION B MODEL INTERSECTION
TURN VOLUME AND LEVEL OF SERVICE
MODELLING RESULTS (WITH BASS PRO MILLS DRIVE
EXTENSION AND VMCSF)**



Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Weston Road (Signalized)	NBL	107	311	F	31	321	261	F	32	
	NBT	464	59	E	11	1,632	161	F	33	
	NBR	107	48	D	10	132	129	F	22	
	SBL	549	265	F	66	171	411	F	74	
	SBT	1,641	134	F	35	1,020	70	E	12	
	SBR	108	136	F	10	104	49	D	10	
	EBL	67	147	F	5	119	679	F	39	
	EBT	1,862	126	F	41	1,593	109	F	33	
	EBR	80	150	F	14	113	103	F	10	
	WBL	129	463	F	55	80	225	F	10	
	WBT	888	93	F	22	1,210	55	E	25	
	WBR	162	54	D	9	441	35	D	17	
	Overall Intersection		6,164	136	F	-	6,936	123	F	-
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	97	52	D	10	418	76	E	15
NBT		11	37	D	1	87	64	E	5	
NBR		350	49	D	11	396	52	D	11	
SBL		540	47	D	9	240	77	E	12	
SBT		119	29	C	4	26	49	D	2	
SBR		1	2	A	0	44	18	B	3	
EBL		8	106	F	2	123	63	E	9	
EBT		1,958	49	D	23	1,855	25	C	16	
EBR		169	52	D	11	170	28	C	9	
WBL		39	763	F	34	140	231	F	22	
WBT		1,573	62	E	34	1,466	34	C	27	
WBR		88	46	D	6	1,001	46	D	50	
Overall Intersection			4,953	55	E	-	5,966	42	D	-
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL								
	NBT									
	NBR									
	SBL	786	137	F	20	555	64	E	14	
	SBT									
	SBR	498	55	D	12	460	25	C	8	
	EBL									
	EBT	1,505	13	B	10	2,097	14	B	15	
	EBR									
	WBL									
	WBT	1,258	14	B	10	2,105	12	B	19	
Overall Intersection		4,047	41	D	-	5,217	18	B	-	
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	412	87	F	18	979	61	E	22	
	NBT	4	154	F	1	1	119	F	1	
	NBR	992	235	F	90	663	38	D	11	
	SBL	5	113	F	1	0	0	A	0	
	SBT									
	SBR	6	85	F	1	1	169	F	1	
	EBL	1	44	D	1	0	0	A	1	
	EBT	1,842	33	C	22	1,872	19	B	13	
	EBR									
	WBL									
	WBT	2,592	12	B	6	3,092	12	B	6	
WBR	10	45	D	1	3	49	D	0		
Overall Intersection		5,864	60	E	-	6,611	22	C	-	
Rutherford Road at Sweetriver Blvd.	NBL	291	54	D	11	802	123	F	20	
	NBT	13	47	D	2	63	71	E	4	
	NBR	42	13	B	4	30	31	C	5	
	SBL	88	90	F	9	70	81	F	8	
	SBT	47	69	E	5	58	82	F	8	
	SBR	162	38	D	10	314	38	D	10	
	EBL	90	61	E	6	192	54	D	10	
	EBT	2,130	23	C	19	1,885	15	B	10	
	EBR	603	17	B	26	373	5	A	6	
	WBL	81	80	E	14	100	76	E	12	
	WBT	2,231	23	C	13	1,979	56	E	14	
	WBR	43	26	C	4	39	64	E	4	
	Overall Intersection		5,821	25	C	-	5,905	46	D	-
	Rutherford Road at Julliard Drive (Signalized)	NBL	72	70	E	9	319	127	F	21
NBT		14	37	D	1	164	57	E	5	
NBR		113	11	B	3	284	36	D	14	
SBL		89	62	E	9	52	205	F	15	
SBT		88	51	D	5	57	51	D	3	
SBR		100	36	D	6	100	36	D	6	
EBL		86	43	D	6	186	36	D	7	
EBT		1,989	28	C	21	1,777	51	D	19	
EBR		164	26	C	7	60	15	B	2	
WBL		252	74	E	13	213	109	F	17	
WBT		2,213	24	C	19	1,744	76	E	21	
WBR		55	30	C	4	45	67	E	3	
Overall Intersection			5,235	28	C	-	5,001	63	E	-
		NBL	85	131	F	11	225	398	F	56

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
		Rutherford Road at Jane Street (Signalized)	NBT	567	51	D	11	1,864	130
NBR	267		22	C	11	544	104	F	38
SBL	92		70	E	8	60	127	F	7
SBT	1,223		62	E	18	732	40	D	15
SBR	184		32	C	8	282	25	C	12
EBL	154		203	F	28	195	418	F	30
EBT	1,564		59	E	20	1,768	62	E	20
EBR	508		45	D	19	133	37	D	7
WBL	428		160	F	19	246	99	F	14
WBT	2,293		46	D	19	1,545	60	E	19
WBR	484		27	C	12	210	38	D	11
Overall Intersection	7,849		57	E	-	7,804	93	F	-
Jane Street at Riverock Gate (Signalized)	NBL		89	79	E	9	204	121	F
	NBT	712	16	B	7	2,156	95	F	39
	NBR	45	6	A	2	32	78	E	5
	SBL	172	36	D	9	51	172	F	9
	SBT	1,952	12	B	12	875	19	B	9
	SBR	54	11	B	2	158	19	B	7
	EBL	202	62	E	13	170	360	F	65
	EBT	92	42	D	5	103	197	F	7
	EBR	245	46	D	16	75	65	E	4
	WBL	50	65	E	4	218	82	F	21
	WBT	24	41	D	3	192	109	F	21
	WBR	26	28	C	4	266	79	E	18
	Overall Intersection	3,663	20	C	-	4,500	88	F	-
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL	132	8	A	5	76	19	B	4
	NBT	634	7	A	6	2,002	57	E	35
	NBR	48	6	A	2	3	74	E	1
	SBL	163	25	C	7	26	157	F	6
	SBT	1,507	11	B	13	797	25	C	17
	SBR	714	13	B	29	298	13	B	6
	EBL	192	183	F	24	297	256	F	101
	EBT	122	82	F	6	136	186	F	4
	EBR	404	19	B	14	136	39	D	7
	WBL	15	70	E	3	91	63	E	8
	WBT	63	66	E	6	179	87	F	14
	WBR	30	38	D	3	139	82	F	9
	Overall Intersection	4,024	22	C	-	4,180	65	E	-
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	120	135	F	14	396	115	F	29
	NBT	175	31	C	5	589	73	E	14
	NBR	31	11	B	2	91	53	D	5
	SBL	180	40	D	9	124	75	E	13
	SBT	402	27	C	7	221	20	C	4
	SBR	199	24	C	10	134	13	B	6
	EBL	199	193	F	39	52	91	F	13
	EBT	942	41	D	14	485	17	B	7
	EBR	536	18	B	14	179	9	A	4
	WBL	38	68	E	4	17	36	D	1
	WBT	658	17	B	10	655	22	C	9
	WBR	32	17	B	3	324	20	C	8
	Overall Intersection	3,512	39	D	-	3,267	42	D	-
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	608	357	F	65	184	28	C	7
	NBT	426	197	F	13	404	13	B	6
	NBR	978	227	F	93	289	11	B	6
	SBL								
	SBT								
	SBR	447	100	F	18	510	149	F	28
	EBL	1	264	F	3	29	467	F	8
	EBT	712	33	C	14	416	31	C	7
	EBR								
	WBL								
	WBT	1,052	48	D	19	1,026	101	F	20
	WBR	6	52	D	1	65	96	F	7
	Overall Intersection	4,230	151	F	-	2,923	76	E	-
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	44	97	F	4	84	110	F	14
	NBT	697	11	B	9	1,783	114	F	74
	NBR	189	7	A	3	106	92	F	10
	SBL	46	27	C	3	13	52	D	2
	SBT	1,686	22	C	32	1,034	14	B	13
	SBR	192	21	C	12	54	7	A	2
	EBL	61	74	E	6	292	77	E	28
	EBT	8	64	E	1	50	72	E	1
	EBR	15	57	E	2	44	30	C	3
	WBL	51	67	E	8	218	69	E	15
	WBT	62	58	E	8	3	74	E	1
	WBR	73	27	C	4	79	21	C	3
	Overall Intersection	3,124	21	C	-	3,760	73	E	-
	NBL	180	131	F	17	279	151	F	34

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Jane Street at Langstaff Road (Signalized)	NBT	670	26	C	12	1,426	58	E	27
	NBR	58	11	B	3	85	29	C	4
	SBL	230	274	F	62	62	213	F	13
	SBT	882	79	E	19	823	31	C	18
	SBR	207	34	C	9	341	12	B	12
	EBL	144	89	F	18	222	172	F	48
	EBT	844	53	D	14	568	56	E	12
	EBR	466	47	D	19	99	22	C	5
	WBL	160	183	F	19	89	101	F	8
	WBT	427	45	D	10	486	69	E	15
	WBR	76	41	D	4	147	70	E	11
	Overall Intersection		4,344	68	E	-	4,627	61	E
Langstaff Road at Millway Avenue (Signalized)	NBL	13	59	E	2	128	57	E	9
	NBT	34	59	E	4	159	52	D	9
	NBR	56	34	C	3	101	37	D	8
	SBL	179	74	E	11	57	66	E	5
	SBT	60	58	E	7	32	56	E	3
	SBR	31	26	C	2	244	31	C	10
	EBL	137	25	C	7	207	65	E	13
	EBT	1,258	9	A	14	701	8	A	5
	EBR	95	8	A	3	57	6	A	2
	WBL	264	57	E	19	195	35	D	9
	WBT	563	6	A	4	1,001	11	B	11
	WBR	21	4	A	1	40	7	A	2
Overall Intersection		2,711	19	B	-	2,922	21	C	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	245	88	F	16	383	293	F	65
	NBT	105	38	D	4	604	75	E	12
	NBR	26	21	C	4	72	32	C	6
	SBL	138	57	E	10	54	129	F	4
	SBT	245	51	D	7	173	101	F	10
	SBR	337	44	D	13	822	148	F	70
	EBL	336	25	C	11	207	105	F	16
	EBT	1,317	11	B	11	855	21	C	13
	EBR	649	12	B	9	134	6	A	2
	WBL	43	89	F	5	30	100	F	3
	WBT	504	41	D	14	1,461	81	F	38
	WBR	52	9	A	2	16	50	D	2
Overall Intersection		3,997	27	C	-	4,811	94	F	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	643	520	F	121	412	64	E	18
	NBT								
	NBR	377	1,033	F	188	431	50	D	22
	SBL								
	SBT								
	SBR								
	EBL								
	EBT	1,942	19	B	19	775	8	A	8
	EBR								
	WBL								
	WBT	1,073	19	B	18	2,666	41	D	51
	WBR								
Overall Intersection		4,035	192	E	-	4,284	37	D	-
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	90	113	F	9	241	48	D	13
	NBT	51	46	D	4	277	47	D	15
	NBR	354	12	B	5	691	23	C	16
	SBL	257	67	E	17	251	85	F	15
	SBT	344	163	F	30	102	44	D	9
	SBR	149	139	F	20	93	35	D	9
	EBL	90	36	D	6	143	209	F	30
	EBT	1,771	25	C	18	839	31	C	7
	EBR	185	20	C	6	75	14	B	4
	WBL	194	317	F	102	289	113	F	24
	WBT	796	54	D	15	1,605	39	D	24
	WBR	375	20	C	15	376	22	C	10
Overall Intersection		4,656	56	E	-	4,982	43	D	-
Langstaff Road at Weston Road (Signalized)	NBL	68	62	E	6	163	522	F	42
	NBT	881	52	D	18	1,131	342	F	88
	NBR	247	44	D	11	95	268	F	16
	SBL	56	160	F	11	101	89	F	9
	SBT	1,200	234	F	63	1,030	85	F	37
	SBR	198	191	F	25	431	54	D	16
	EBL	333	220	F	39	185	601	F	95
	EBT	1,711	165	F	60	850	118	F	29
	EBR	168	137	F	13	134	66	E	10
	WBL	105	282	F	24	164	177	F	29
	WBT	648	41	D	15	1,389	50	D	25
	WBR	278	18	B	12	401	27	C	16
Overall Intersection		5,893	137	F	-	6,074	151	F	-
	NBL	37	43	D	3	69	83	F	7

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Weston Road at Green Park Blvd. (Signalized)	NBT	1,203	14	B	11	1,690	36	D	34
	NBR	247	13	B	9	90	44	D	11
	SBL	196	194	F	32	109	124	F	18
	SBT	1,214	233	F	68	1,271	8	A	11
	SBR	44	191	F	7	71	5	A	3
	EBL	72	53	D	8	74	70	E	8
	EBT	16	35	D	2	12	44	D	3
	EBR	4	8	A	1	47	10	A	3
	WBL	227	138	F	16	246	54	D	17
	WBT	51	70	E	6	41	57	E	3
	WBR	53	25	C	3	458	39	D	17
	Overall Intersection		3,364	114	F	-	4,178	30	C
Weston Road at Valeria Blvd. (Unsignalized)	NBL	32	32	D	3	32	30	D	3
	NBT	1,305	1	A	4	2,190	32	D	42
	NBR								
	SBL								
	SBT	1,501	38	E	43	1,422	1	A	1
	SBR	34	24	C	3	94	3	A	2
	EBL	46	56	F	4	44	92	F	4
	EBT								
	EBR	16	68	F	2	38	29	D	2
	WBL								
	WBT								
	WBR								
Weston Road at Astona Blvd. (Signalized)	NBL	34	48	D	3	258	64	E	17
	NBT	831	7	A	6	1,956	97	F	39
	NBR								
	SBL								
	SBT	1,846	31	C	21	1,018	14	B	13
	SBR	6	40	D	1	170	8	A	6
	EBL	286	55	D	18	122	223	F	30
	EBT								
	EBR	481	18	B	12	132	14	B	4
	WBL								
	WBT								
	WBR								
Overall Intersection		3,484	23	C	-	3,656	61	E	-
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension (Unsignalized)	NBL	23	136	F	9	136	374	F	27
	NBT	44	186	F	12	27	456	F	18
	NBR	134	211	F	35	10	397	F	5
	SBL	74	49	E	6	59	48	E	3
	SBT	16	47	E	2	3	29	D	1
	SBR	5	27	D	2	63	20	C	5
	EBL	184	27	D	12	63	334	F	19
	EBT	517	0	A	1	383	2	A	1
	EBR	152	1	A	2	62	1	A	0
	WBL	325	13	B	6	17	40	E	3
	WBT	856	2	A	2	836	48	E	10
	WBR	927	6	A	4	860	131	F	73
Weston Road at Bass Pro Mills Drive (Signalized)	NBL								
	NBT	774	10	A	8	1,808	62	E	27
	NBR	594	9	A	17	361	55	E	16
	SBL	806	133	F	118	241	156	F	41
	SBT	1,512	37	D	15	892	32	C	15
	SBR								
	EBL								
	EBT								
	EBR								
	WBL	77	50	D	8	610	70	E	31
	WBT								
	WBR	94	10	A	3	396	30	C	22
Overall Intersection		3,857	45	D	-	4,308	57	E	-
Bass Pro Mills Drive at West Creek Drive/ VMCS Street A (Unsignalized)	NBL	11	76	F	3	80	321	F	19
	NBT	19	64	F	2	135	231	F	28
	NBR	131	43	E	14	144	255	F	27
	SBL	57	50	F	7	92	58	F	7
	SBT	171	54	F	12	130	83	F	14
	SBR	31	9	A	3	305	62	F	18
	EBL	255	6	A	6	165	27	D	9
	EBT	778	1	A	1	383	1	A	1
	EBR	365	3	A	0	58	2	A	0
	WBL	228	51	F	17	93	12	B	5
	WBT	131	9	A	1	615	3	A	5
	WBR	229	1	A	0	134	2	A	1
Bass Pro Mills Drive at West Creek Drive/ VMCS Street B (Unsignalized)	NBL	11	76	F	3	80	321	F	19
	NBT	19	64	F	2	135	231	F	28
	NBR	131	43	E	14	144	255	F	27
	SBL	57	50	F	7	92	58	F	7
	SBT	171	54	F	12	130	83	F	14
	SBR	31	9	A	3	305	62	F	18
	EBL	255	6	A	6	165	27	D	9
	EBT	778	1	A	1	383	1	A	1
	EBR	365	3	A	0	58	2	A	0
	WBL	228	51	F	17	93	12	B	5
	WBT	131	9	A	1	615	3	A	5
	WBR	229	1	A	0	134	2	A	1

BASS PRO MILLS DRIVE EXTENSION ENVIRONMENTAL ASSESSMENT

Appendix Q Future 2041 Option B Model Intersection Turn Volume and Level of Service Modelling Results (With Bass Pro Mills Drive Extension and VMCSF) Results

Appendix Q FUTURE 2041 OPTION B MODEL INTERSECTION TURN VOLUME AND LEVEL OF SERVICE MODELLING RESULTS (WITH BASS PRO MILLS DRIVE EXTENSION AND VMCSF) RESULTS



Intersection	Movement	AM Peak Hour				PM Peak Hour				
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)	
Rutherford Road at Weston Road (Signalized)	NBL	139	421	F	48	367	283	F	46	
	NBT	550	66	E	9	1,804	109	F	34	
	NBR	46	60	E	6	167	109	F	15	
	SBL	579	257	F	73	157	436	F	66	
	SBT	1,607	139	F	35	1,076	71	E	18	
	SBR	70	147	F	8	120	54	D	8	
	EBL	80	158	F	4	125	369	F	32	
	EBT	1,711	144	F	44	1,672	114	F	34	
	EBR	51	150	F	15	168	117	F	15	
	WBL	183	379	F	53	64	98	F	8	
	WBT	845	104	F	27	1,202	52	D	26	
	WBR	169	55	D	9	594	29	C	23	
	Overall Intersection		6,030	148	F	-	7,516	105	F	-
	Rutherford Road at Velore Woods Blvd. (Signalized)	NBL	88	53	D	8	395	74	E	14
NBT		19	48	D	1	194	71	E	5	
NBR		305	59	E	11	465	57	E	12	
SBL		464	60	E	9	224	147	F	12	
SBT		51	23	C	3	33	69	E	5	
SBR		5	6	A	1	34	39	D	4	
EBL		10	139	F	2	149	179	F	22	
EBT		1,801	60	E	24	1,990	23	C	16	
EBR		163	76	E	17	73	22	C	3	
WBL		71	747	F	82	94	125	F	11	
WBT		1,637	134	F	42	1,462	18	B	11	
WBR		94	107	F	9	805	29	C	22	
Overall Intersection			4,708	94	F	-	5,918	39	D	-
Rutherford Road at Hwy 400 Southbound Off-Ramp (Signalized)		NBL								
	NBT									
	NBR									
	SBL	716	112	F	19	381	64	E	10	
	SBT									
	SBR	570	54	D	14	318	21	C	4	
	EBL									
	EBT	1,354	14	B	9	2,072	13	B	14	
	EBR									
	WBL									
	WBT	1,309	36	D	17	2,059	9	A	9	
WBR										
Overall Intersection		3,949	43	D	-	4,830	15	B	-	
Rutherford Road at Canada's Wonderland Drive / Hwy 400 Northbound Off-Ramp (Signalized)	NBL	504	148	F	42	1,030	215	F	102	
	NBT	7	134	F	1	19	321	F	1	
	NBR	1,324	237	F	99	615	77	E	21	
	SBL	6	116	F	1	4	96	F	1	
	SBT									
	SBR	9	53	D	1	2	80	F	1	
	EBL	4	55	D	1	3	118	F	1	
	EBT	1,847	38	D	22	1,869	20	C	18	
	EBR									
	WBL									
	WBT	1,802	20	C	6	3,082	12	B	6	
WBR	71	98	F	1	19	73	E	1		
Overall Intersection		5,574	88	F	-	6,643	51	D	-	
Rutherford Road at Sweetriver Blvd. (Signalized)	NBL	171	48	D	7	843	105	F	20	
	NBT	17	61	E	2	87	64	E	4	
	NBR	25	13	B	2	30	46	D	6	
	SBL	69	76	E	5	79	77	E	6	
	SBT	86	131	F	11	45	81	F	4	
	SBR	124	37	D	9	334	38	D	11	
	EBL	118	47	D	7	195	56	E	11	
	EBT	2,451	24	C	16	1,936	15	B	11	
	EBR	544	6	A	6	286	4	A	4	
	WBL	102	216	F	33	111	69	E	9	
	WBT	1,559	41	D	14	1,963	57	E	15	
	WBR	33	32	C	3	18	52	D	2	
	Overall Intersection		5,299	33	C	-	5,927	45	D	-
	Rutherford Road at Julliard Drive (Signalized)	NBL	56	73	E	7	186	89	F	21
NBT		19	53	D	2	128	62	E	5	
NBR		109	18	B	5	325	35	D	15	
SBL		33	77	E	3	56	72	E	7	
SBT		98	51	D	5	73	56	E	5	
SBR		60	40	D	5	109	31	C	7	
EBL		113	48	D	7	173	63	E	16	
EBT		2,256	40	D	21	1,851	14	B	11	
EBR		121	44	D	6	36	11	B	2	
WBL		268	147	F	57	228	72	E	21	
WBT		1,631	39	D	20	1,863	24	C	19	
WBR		32	23	C	3	49	23	C	5	
Overall Intersection			4,796	44	D	-	5,077	27	C	-
NBL		41	53	D	4	180	132	F	21	

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
		Rutherford Road at Jane Street (Signalized)	NBT	760	48	D	12	2,118	37
NBR	154		23	C	12	486	24	C	13
SBL	154		85	F	10	19	150	F	2
SBT	1,265		61	E	19	775	40	D	20
SBR	154		30	C	11	257	20	C	12
EBL	139		207	F	26	175	312	F	31
EBT	1,641		58	E	21	1,922	47	D	22
EBR	581		65	E	35	72	30	C	5
WBL	473		251	F	22	244	114	F	12
WBT	1,807		60	E	18	1,734	40	D	18
WBR	377		35	D	16	217	36	D	9
Overall Intersection	7,546		69	E	-	8,199	47	D	-
Jane Street at Riverock Gate (Signalized)	NBL		40	62	E	2	266	51	D
	NBT	721	17	B	8	2,168	19	B	15
	NBR	22	6	A	1	91	30	C	5
	SBL	232	41	D	11	46	285	F	8
	SBT	2,019	11	B	12	853	23	C	12
	SBR	88	11	B	5	165	20	C	6
	EBL	201	56	E	11	186	268	F	53
	EBT	74	44	D	6	85	136	F	9
	EBR	297	44	D	16	67	71	E	2
	WBL	33	69	E	4	192	68	E	18
	WBT	9	65	E	2	189	58	E	13
	WBR	46	15	B	2	371	56	E	16
	Overall Intersection	3,782	19	B	-	4,679	46	D	-
Jane Street at Bass Pro Mills Drive / Locke Street (Signalized)	NBL	227	14	B	7	146	16	B	7
	NBT	600	7	A	5	2,061	17	B	33
	NBR	59	7	A	1	17	23	C	2
	SBL	192	21	C	7	21	200	F	4
	SBT	1,616	11	B	10	918	26	C	15
	SBR	696	12	B	13	381	10	A	9
	EBL	153	110	F	15	291	164	F	50
	EBT	111	70	E	6	125	78	E	4
	EBR	372	18	B	10	213	9	A	5
	WBL	35	71	E	4	138	82	F	15
	WBT	39	59	E	4	135	96	F	13
	WBR	38	28	C	2	175	76	E	12
	Overall Intersection	4,138	16	B	-	4,621	34	C	-
Bass Pro Mills Drive at Edgeley Blvd. (Signalized)	NBL	130	73	E	8	299	70	E	37
	NBT	166	23	C	4	603	29	C	10
	NBR	43	12	B	2	117	22	C	6
	SBL	82	41	D	7	162	82	F	15
	SBT	344	27	C	5	183	17	B	4
	SBR	265	19	B	10	156	11	B	9
	EBL	129	53	D	9	70	47	D	6
	EBT	680	16	B	8	592	19	B	8
	EBR	562	13	B	11	342	10	B	12
	WBL	25	35	D	2	33	38	D	3
	WBT	788	16	B	11	640	23	C	10
	WBR	39	17	B	3	199	17	B	7
	Overall Intersection	3,253	19	B	-	3,396	26	C	-
Bass Pro Mills Drive at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	485	479	F	110	508	87	F	48
	NBT	185	343	F	5	513	18	B	8
	NBR	786	311	F	78	609	28	C	30
	SBL								
	SBT								
	SBR	450	279	F	41	488	77	E	18
	EBL	5	195	F	1	20	185	F	7
	EBT	571	33	C	11	419	35	C	8
	EBR								
	WBL								
	WBT	1,197	75	E	20	1,054	79	E	21
	WBR	1	69	E	1	4	55	D	2
	Overall Intersection	3,680	210	F	-	3,615	57	E	-
Jane Street at Bagg Street / Gensal Gate (Signalized)	NBL	57	105	F	8	46	60	E	5
	NBT	766	14	B	11	1,786	16	B	16
	NBR	281	9	A	7	171	12	B	5
	SBL	132	33	C	5	15	153	F	3
	SBT	1,702	9	A	14	1,281	15	B	14
	SBR	164	7	A	3	52	7	A	2
	EBL	90	58	E	7	300	83	F	25
	EBT	15	41	D	2	55	74	E	1
	EBR	13	44	D	3	88	37	D	4
	WBL	205	63	E	14	319	81	F	21
	WBT	10	60	E	3	8	42	D	2
	WBR	41	13	B	8	142	29	C	9
	Overall Intersection	3,476	16	B	-	4,263	26	C	-
	NBL	173	156	F	29	276	231	F	48

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Jane Street at Langstaff Road (Signalized)	NBT	676	24	C	11	1,384	57	E	25
	NBR	97	8	A	2	144	27	C	8
	SBL	179	220	F	35	39	219	F	14
	SBT	1,081	54	D	23	745	32	C	13
	SBR	223	39	D	13	672	21	C	18
	EBL	141	130	F	14	283	143	F	24
	EBT	1,376	58	E	16	1,281	50	D	14
	EBR	410	48	D	17	200	24	C	8
	WBL	123	299	F	33	77	184	F	9
	WBT	1,508	68	E	28	904	59	E	16
	WBR	336	28	C	10	185	45	D	12
	Overall Intersection		6,323	63	E	-	6,190	58	E
Langstaff Road at Millway Avenue (Signalized)	NBL	7	48	D	2	127	75	E	8
	NBT	47	59	E	4	63	48	D	4
	NBR	102	37	D	7	286	33	C	8
	SBL	129	69	E	10	190	71	E	11
	SBT	68	79	E	6	106	49	D	6
	SBR	68	67	E	5	318	40	D	10
	EBL	167	89	F	17	96	252	F	33
	EBT	1,690	10	A	9	1,241	15	B	7
	EBR	222	9	A	5	29	5	A	1
	WBL	343	74	E	28	178	91	F	13
	WBT	1,494	7	A	5	1,810	16	B	15
	WBR	81	4	A	1	37	10	A	2
Overall Intersection		4,418	19	B	-	4,481	29	C	-
Langstaff Road at Edgeley Blvd. (Signalized)	NBL	274	229	F	61	410	270	F	75
	NBT	174	89	F	4	533	69	E	11
	NBR	61	9	A	4	80	26	C	5
	SBL	148	65	E	10	82	100	F	6
	SBT	205	59	E	7	137	79	E	7
	SBR	573	47	D	29	869	99	F	61
	EBL	336	68	E	17	130	167	F	18
	EBT	1,854	12	B	7	1,208	15	B	8
	EBR	791	10	B	13	347	9	A	5
	WBL	27	118	F	6	65	65	E	8
	WBT	1,407	49	D	20	2,317	39	D	21
	WBR	102	29	C	4	22	42	D	1
Overall Intersection		5,952	41	D	-	6,200	61	E	-
Langstaff Road at Hwy 400 Northbound Off-Ramp (Signalized)	NBL	357	321	F	34	569	70	E	21
	NBT								
	NBR	716	758	F	228	595	66	E	32
	SBL								
	SBT								
	SBR								
	EBL								
	EBT	2,261	17	B	13	1,104	13	B	8
	EBR								
	WBL								
	WBT	1,995	15	B	12	2,480	9	A	10
	WBR								
Overall Intersection		5,329	135	E	-	4,748	23	C	-
Langstaff Road at Terecar Drive / Silmar Drive (Signalized)	NBL	89	179	F	10	94	72	E	12
	NBT	36	46	D	4	117	50	D	16
	NBR	428	14	B	10	842	53	D	18
	SBL	230	66	E	15	115	78	E	17
	SBT	479	173	F	37	217	50	D	17
	SBR	19	180	F	3	53	41	D	6
	EBL	56	56	E	4	52	110	F	46
	EBT	1,699	32	C	17	1,418	23	C	9
	EBR	210	26	C	7	103	11	B	3
	WBL	306	381	F	179	237	281	F	81
	WBT	1,121	101	F	15	1,761	39	D	15
	WBR	543	36	D	20	412	17	B	11
Overall Intersection		5,216	81	F	-	5,421	45	D	-
Langstaff Road at Weston Road (Signalized)	NBL	79	134	F	9	150	487	F	39
	NBT	805	54	D	17	1,116	327	F	73
	NBR	264	11	B	8	317	220	F	49
	SBL	142	195	F	28	118	117	F	20
	SBT	1,155	203	F	53	959	92	F	32
	SBR	286	175	F	30	430	62	E	21
	EBL	366	143	F	40	152	270	F	41
	EBT	1,531	101	F	55	1,153	42	D	20
	EBR	216	85	F	17	118	26	C	4
	WBL	120	386	F	41	140	268	F	38
	WBT	656	59	E	18	1,391	60	E	29
	WBR	354	25	C	14	416	31	C	17
Overall Intersection		5,974	112	F	-	6,460	130	F	-
	NBL	33	51	D	4	42	89	F	4

Intersection	Movement	AM Peak Hour				PM Peak Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Weston Road at Green Park Blvd. (Signalized)	NBT	1,198	14	B	13	1,604	10	B	11
	NBR	336	13	B	8	246	11	B	6
	SBL	183	117	F	14	65	65	E	40
	SBT	1,330	146	F	62	1,409	14	B	11
	SBR	47	67	E	5	98	9	A	2
	EBL	89	58	E	6	93	55	D	8
	EBT	24	44	D	2	4	66	E	3
	EBR	22	25	C	3	38	11	B	18
	WBL	201	138	F	17	65	51	D	12
	WBT	58	47	D	5	19	65	E	4
	WBR	55	27	C	5	143	35	D	14
	Overall Intersection		3,576	76	E	-	3,826	15	B
Weston Road at Valeria Blvd. (Unsignalized)	NBL	40	25	D	3	36	19	C	2
	NBT	1,292	1	A	7	1,916	1	A	1
	NBR								
	SBL								
	SBT	1,514	12	B	26	1,561	2	A	1
	SBR	28	6	A	2	80	4	A	1
	EBL	92	50	F	5	52	72	F	3
	EBT								
	EBR	25	41	E	2	36	37	E	3
	WBL								
	WBT								
	WBR								
Weston Road at Astona Blvd. (Signalized)	NBL	64	29	C	5	183	28	C	15
	NBT	840	9	A	7	2,181	9	A	10
	NBR								
	SBL								
	SBT	1,728	35	D	45	1,082	11	B	12
	SBR	12	57	E	1	203	7	A	3
	EBL	354	63	E	24	130	62	E	9
	EBT								
	EBR	445	43	D	20	112	19	B	4
	WBL								
	WBT								
	WBR								
Overall Intersection		3,443	30	C	-	3,891	11	B	-
Langstaff Road at Hwy 400 Southbound Off-Ramp (Signalized) (As part of Langstaff Road Improvements)	NBL								
	NBT								
	NBR								
	SBL	751	102	F	19	400	55	E	14
	SBT								
	SBR	520	116	F	23	175	32	C	9
	EBL								
	EBT	1,768	15	B	16	1,496	5	A	5
	EBR								
	WBL								
	WBT	1,466	73	E	20	2,209	13	B	16
	WBR								
Overall Intersection		4,505	60	E	-	4,280	14	B	-
Bass Pro Mills Drive at Highway 400 SB Off-ramp/ Creditview Road Extension (Unsignalized)	NBL	96	324	F	43	138	550	F	106
	NBT	20	261	F	7	29	487	F	19
	NBR	63	195	F	16	6	227	F	3
	SBL	21	31	D	3	37	42	E	4
	SBT	7	33	D	1	0	0	A	1
	SBR	5	19	C	1	43	16	C	2
	EBL	87	48	E	7	50	100	F	5
	EBT	482	0	A	0	398	0	A	0
	EBR	177	2	A	1	25	1	A	0
	WBL	225	10	B	4	80	19	C	3
	WBT	1,032	7	A	11	1,079	25	D	14
	WBR	872	13	B	21	873	64	F	59
Weston Road at Bass Pro Mills Drive (Signalized)	NBL								
	NBT	779	12	B	9	1,779	36	D	19
	NBR	612	9	A	14	193	32	C	9
	SBL	745	108	F	122	329	111	F	46
	SBT	1,372	32	C	19	856	28	C	13
	SBR								
	EBL								
	EBT								
	EBR								
	WBL	166	55	E	12	797	42	D	31
	WBT								
	WBR	142	13	B	6	553	18	B	17
Overall Intersection		3,816	38	D	-	4,507	36	D	-
Bass Pro Mills Drive at West Creek Drive/ VMCS Street A (Unsignalized)	NBL	13	42	E	2	98	75	F	8
	NBT	36	50	E	7	75	93	F	8
	NBR	107	36	E	9	51	96	F	8
	SBL	79	39	E	5	106	41	E	6
	SBT	106	47	E	6	19	45	E	3
	SBR	36	13	B	2	294	54	F	17
	EBL	355	11	B	7	151	28	D	7
	EBT	767	1	A	1	322	1	A	1
	EBR	229	2	A	0	51	2	A	0
	WBL	246	24	C	9	60	8	A	3
	WBT	269	1	A	0	955	3	A	8
	WBR	203	1	A	0	94	1	A	1
NBL	13	42	E	2	98	75	F	8	

Intersection	Movement	AM PeaK Hour				PM PeaK Hour			
		Count (veh)	Delay (s)	LOS	Q _{max} (veh)	Count (veh)	Delay (s)	LOS	Q _{max} (veh)
Bass Pro Mills Drive at West Creek Drive/ VMCS Street B (Unsignalized)	NBT	36	50	E	7	75	93	F	8
	NBR	107	36	E	9	51	96	F	8
	SBL	79	39	E	5	106	41	E	6
	SBT	106	47	E	6	19	45	E	3
	SBR	36	13	B	2	294	54	F	17
	EBL	355	11	B	7	151	28	D	7
	EBT	767	1	A	1	322	1	A	1
	EBR	229	2	A	0	51	2	A	0
	WBL	246	24	C	9	60	8	A	3
	WBT	269	1	A	0	955	3	A	8
	WBR	203	1	A	0	94	1	A	1