

6038 Ottawa Street  
Transportation Impact Assessment

Step 1 Screening Report

Step 2 Scoping Report

Prepared for:

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September 2020

PN: 2018-03

## Table of Contents

1	Screening .....	1
2	Existing and Planned Conditions .....	1
2.1	Proposed Development.....	1
2.2	Existing Conditions .....	3
2.2.1	Area Road Network .....	3
2.2.2	Existing Intersections.....	3
2.2.3	Existing Driveways .....	4
2.2.4	Cycling and Pedestrian Facilities.....	4
2.2.5	Existing Transit.....	5
2.2.6	Existing Area Traffic Management Measures.....	7
2.2.7	Existing Peak Hour Travel Demand.....	7
2.2.8	Collision Analysis .....	8
2.3	Planned Conditions.....	9
2.3.1	Changes to the Area Transportation Network .....	9
2.3.2	Other Study Area Developments.....	10
3	Study Area and Time Periods .....	10
3.1	Study Area .....	10
3.2	Time Periods .....	10
3.3	Horizon Years.....	10
4	Exemption Review .....	10
5	Next Steps.....	11

## List of Figures

Figure 1: Area Context Plan .....	1
Figure 2: Concept Plan.....	2
Figure 3: Study Area Pedestrian Facilities .....	4
Figure 4: Study Area Cycling Facilities .....	5
Figure 5: Existing Study Area Transit Service.....	6
Figure 6: Existing Study Area Transit Stops .....	6
Figure 7: Existing Traffic Counts .....	7
Figure 8: Study Area Collision Records – Representation of 2014-2016.....	9

## Table of Tables

Table 1: Intersection Count Date.....	7
Table 2: Existing Intersection Operations.....	8
Table 3: Study Area Collision Summary, 2014-2017 .....	8
Table 4: Summary of Collision Locations, 2014-2018 .....	9
Table 8: Exemption Review .....	11

## List of Appendices

- Appendix A – TIA Screening Form and Certification Form
- Appendix B – Turning Movement Count Data
- Appendix C – Synchro Intersection Worksheets – Existing Conditions
- Appendix D – Collision Data

## 1 Screening

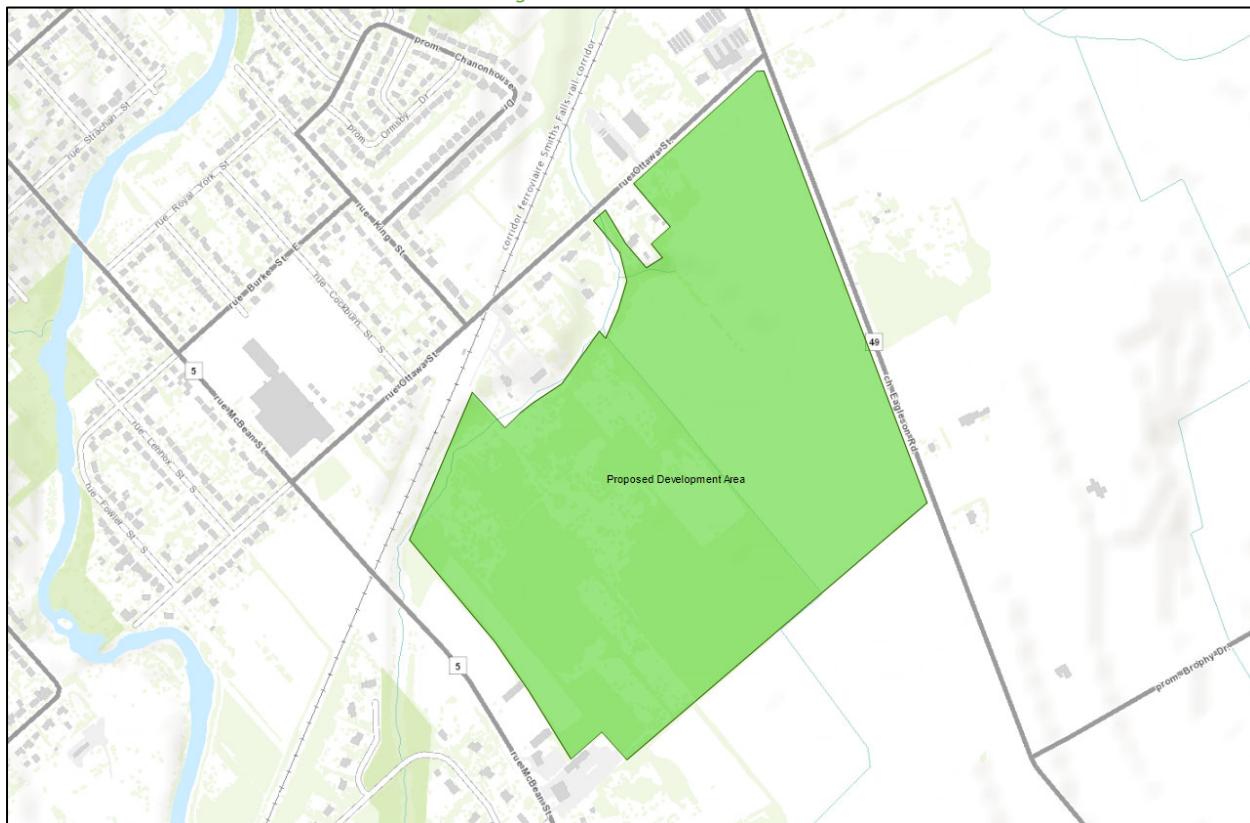
This study has been prepared according to the City of Ottawa's 2017 Transportation Impact Assessment (TIA) Guidelines. Accordingly, a Step 1 Screening Form has been prepared and is included as Appendix A, along with the Certification Form for the TIA Study PM. As shown in the Screening Form, the trip generation, location, and safety triggers were met, and a TIA is required. This is a Zoning By-law Amendment and Plan of Subdivision application.

## 2 Existing and Planned Conditions

### 2.1 Proposed Development

The proposed site is located at 6038 Ottawa St, currently zoned as Rural General Industrial Zone 3 (RG3), is planned to include a total of 1,129 homes, split between 504 single family homes, 106 semi-detached homes, and 519 townhomes. The existing site is farm fields. The anticipated full build-out and occupancy horizon is 2032. The site is within the Village of Richmond Community Design Plan Area. Figure 1 illustrates the Study Area Context. Figure 2 illustrates the proposed concept plan.

*Figure 1: Area Context Plan*



Source: <http://maps.ottawa.ca/geoOttawa/> Accessed: November 4, 2019

# DRAFT

## PRELIMINARY LAND USE

LAND USE	BLOCKS	AREA (ha)
Park	Block A	3.3
Elementary School	Block B	2.9
Richmond By-Pass Drain incl. 30m setback	Block C	4.0
Stormwater Management Facility	Block D	2.3
Village Commercial	Block E	1.3
Residential Area min. 32m lot Depth	-	37.7
Roads	-	15.4
<b>APPROXIMATE TOTAL AREA</b>		<b>66.8</b>

RESIDENTIAL UNITS	UNITS	%
10.67m (35ft) Single Detached Unit	155	13
11.58m (38ft) Single Detached Unit	169	15
13.72m (45ft) Single Detached Unit	135	12
15.15m (50ft) Semi-Detached Unit	444	38
3-5 Unit Townhouse Blocks	260	22
<b>APPROXIMATE NUMBER OF UNITS</b>		<b>1,163</b>
<b>APPROXIMATE ROAD LENGTH</b>		<b>9,448m</b>

Includes 14.0m Window Streets; 16.5m Local/Roads;  
24.0m Collector Roads

**PRELIMINARY CONCEPT PLAN Residential Use Option**  
**Ottawa Street and Eagleson Road**  
City of Ottawa

Note: Concept plan is preliminary and land use areas are approximately only. Not based on a survey  
Not to Scale October 18, 2019 16.5:1



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associates  
planning + urban design

## 2.2 Existing Conditions

### 2.2.1 Area Road Network

*Eagleson Road:* Eagleson Road is a City of Ottawa arterial road with a two-lane rural cross-section with gravel shoulders and a posted speed limit of 80 km/h. The measured right-of-way is 26.0 to 27.0 metres. Eagleson Road is a truck route north of Brophy Drive.

*McBean Street:* McBean Street is a City of Ottawa arterial road with a two-lane rural cross-section with paved shoulders north of the rail tracks and gravel shoulders to the south. The posted speed limit is 50 km/h north of the rail tracks and 70 km/h to the south. The City protected right-of-way is 23.0 metres north of Ottawa Street and the measured right-of-way is 26.0-30.0 metres south of Ottawa Street. McBean Street is a truck route.

*Brophy Drive:* Brophy Drive is a City of Ottawa arterial road with a two-lane rural cross-section with gravel shoulders and a posted speed limit of 80 km/h. The measured right-of-way is 40.0 metres. Brophy Drive is a truck route.

*Ottawa Street:* Ottawa Street is a City of Ottawa collector road with a two-lane rural cross-section with gravel shoulders and a posted speed limit of 50 km/h. The measured right-of-way is 20.0 metres to the west of the rail tracks and 26.0 metres to the east.

*King Street:* King Street is a City of Ottawa collector road with a two-lane rural cross-section with gravel shoulders and an unposted speed limit of 50km/h. The measured right-of-way is 20.0 metres.

*Cockburn Street:* Cockburn Street is a City of Ottawa local road with a two-lane rural cross-section with gravel shoulders and an unposted speed limit of 50km/h. The measured right-of-way is 20.0 metres.

*Richland Drive:* Richland Drive is a City of Ottawa local road with a two-lane rural cross-section with no shoulders and an unposted speed limit of 50km/h. The measured right-of-way is 22.0 metres.

### 2.2.2 Existing Intersections

The existing area intersections adjacent to the proposed site and additional signalized intersections within 1,000 metres of the site have been summarized below:

#### *Eagleson Road & Ottawa Street*

The intersection of Eagleson Road and Ottawa Street is an unsignalized intersection with stop-control on Ottawa Street. The northbound approach consists of a shared left-turn/through lane, the southbound approach consists of a shared through/right-turn lane, and the eastbound approach consists of a shared left-turn/right-turn lane. No turn restrictions are noted.

#### *Eagleson Road & Brophy Drive*

The intersection of Eagleson Road and Brophy Drive is an all-way stop-controlled intersection. The northbound approach consists of a shared through/right-turn lane, the southbound approach consists of a shared left-turn/through lane, and the westbound approach consists of a shared left-turn/right-turn lane. No turn restrictions are noted.

#### *McBean Street & Ottawa Street*

The intersection of McBean Street and Ottawa Street is an unsignalized intersection with stop control on Ottawa Street. All approaches consist of shared all-movement lanes. No turn restrictions are noted.

### 2.2.3 Existing Driveways

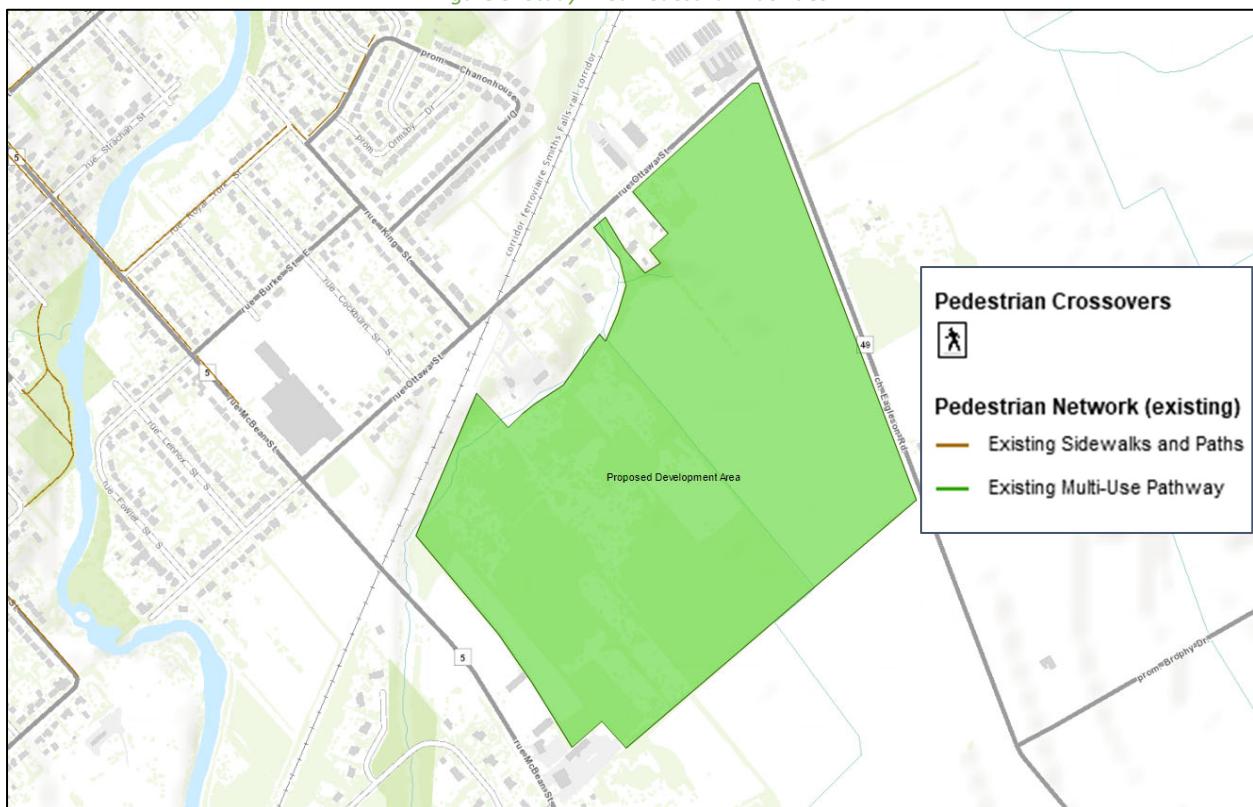
Within 200 metres of the proposed site, private accesses are located on both sides of Eagleson Road, McBean Street and Ottawa Street.

#### 2.2.4 Cycling and Pedestrian Facilities

Figure 3 illustrates the pedestrian facilities in the study area and Figure 4 illustrates the cycling facilities.

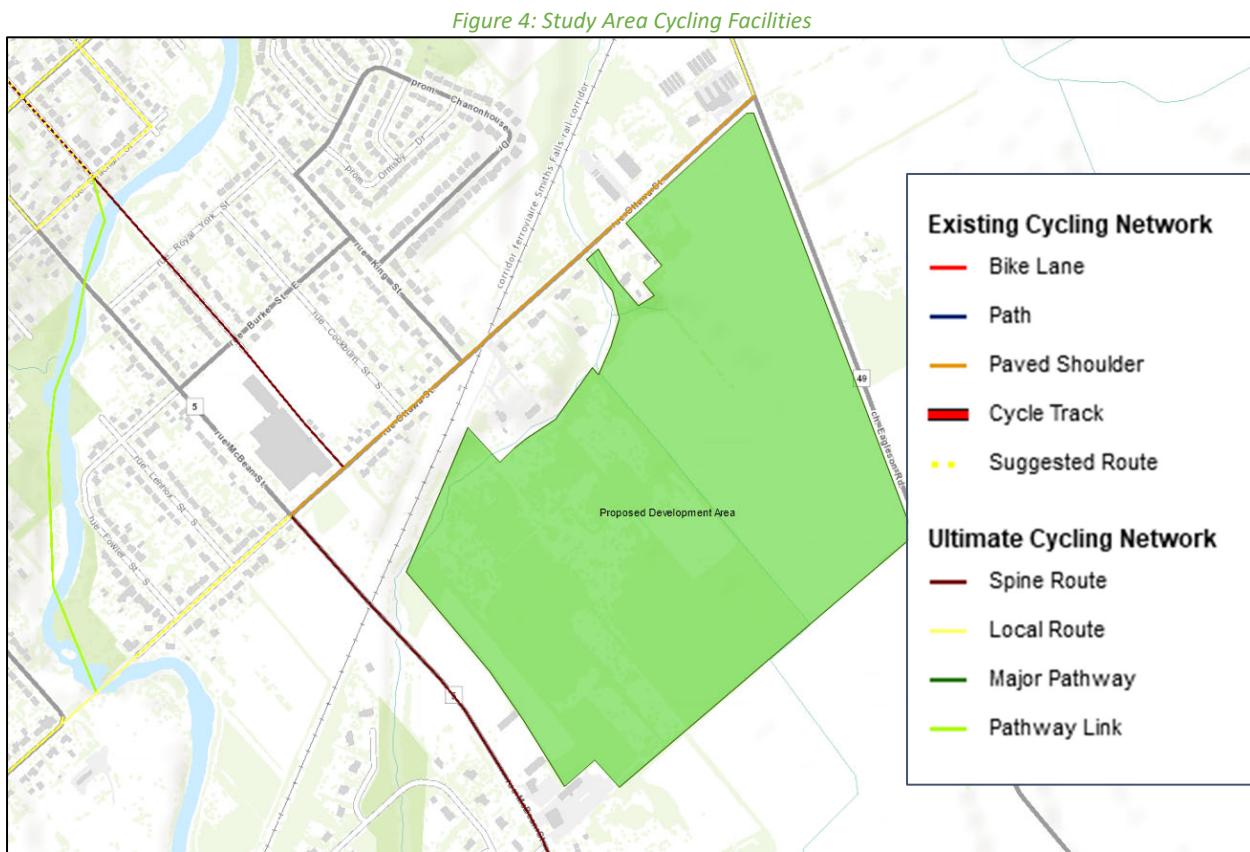
Sidewalks are provided along the east side of McBean Street to the north of the South Carleton High School and on a few local streets to the north of the study area. Ottawa Street provides paved shoulders between McBean Street and Eagleson Road and is a suggested bike route to the west of McBean Street. Eagleson Road and Ottawa Street are planned local routes, and Colonel Murray Street north of Ottawa Street and McBean Street south of Ottawa Street are spine cycling routes.

*Figure 3: Study Area Pedestrian Facilities*



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Source: <http://maps.ottawa.ca/geoOttawa/> Accessed: November 4, 2019



Source: <http://maps.ottawa.ca/geoOttawa/> Accessed: November 4, 2019

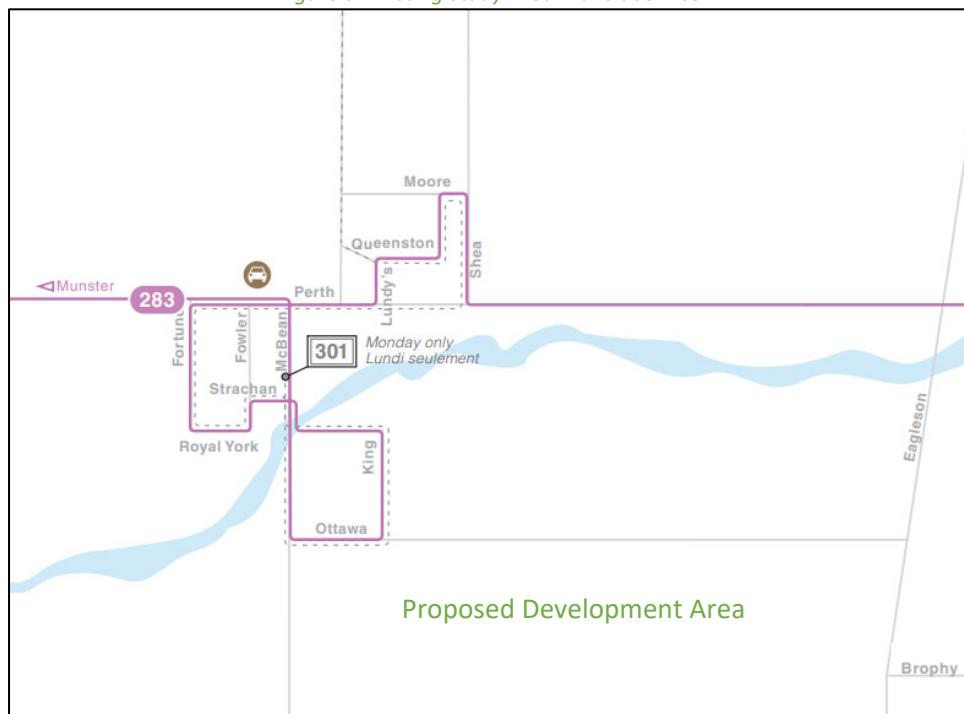
## 2.2.5 Existing Transit

Within the study area, the routes #283 and #301 travel along McBean Street, Ottawa Street and King Street. Stops are located on Ottawa Street at McBean Street and Cockburn Street and on King Street at Burke Street and Royal York Street. The frequency of these routes within proximity of the proposed site currently are:

- Route #283 – 30-minute service during the peak hours, with a total of four trips during each of the AM peak and PM peak to the area
- Route #301 – Monday only service, with a single AM trip starting at 8:50 AM, and a single returning trip ending at 3:40 PM

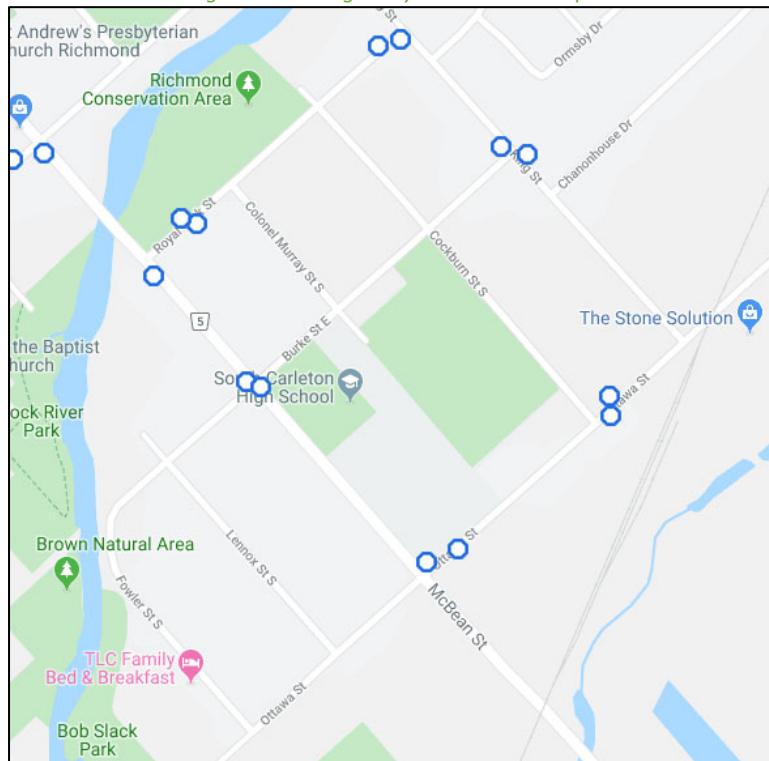
Figure 5 illustrates the transit system map in the study area and Figure 6 illustrates nearby transit stops.

Figure 5: Existing Study Area Transit Service



Source: <http://www.octranspo.com/> Accessed: November 4, 2019

Figure 6: Existing Study Area Transit Stops



Source: <http://www.octranspo.com/> Accessed: November 4, 2019

## 2.2.6 Existing Area Traffic Management Measures

No traffic calming measures are noted in the study area. McBean Street and Ottawa Street are signed school zones in the vicinity of the South Carleton High School.

## 2.2.7 Existing Peak Hour Travel Demand

Existing turning movement counts were acquired from The Traffic Specialist for the existing Study Area intersection. Table 1 summarizes the intersection count dates and sources.

*Table 1: Intersection Count Date*

Intersection	Count Date	Source
<b>Eagleson Road &amp; Ottawa Street</b>	Thursday October 11, 2018	The Traffic Specialist
<b>Eagleson Road &amp; Brophy Drive</b>	Thursday October 11, 2018	The Traffic Specialist
<b>McBean Street &amp; Ottawa Street</b>	Thursday October 11, 2018	The Traffic Specialist

Figure 7 illustrates the existing traffic counts and Table 2 summarizes the existing intersection operations. The level of service is based on the HCM criteria for average delay at unsignalized intersections. Detailed turning movement count data is included in Appendix B and the Synchro worksheets are provided in Appendix C.

*Figure 7: Existing Traffic Counts*

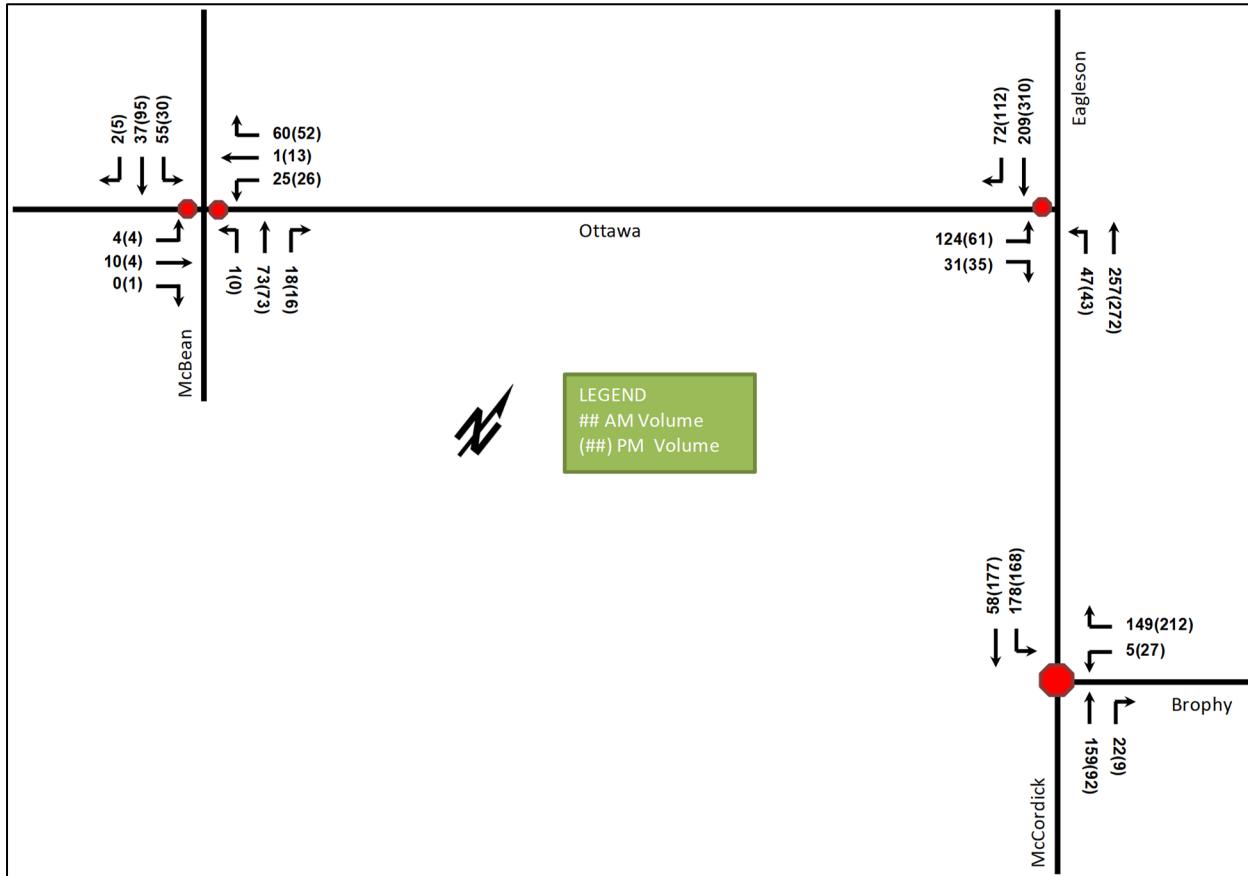


Table 2: Existing Intersection Operations

Intersection	Lane	AM Peak Hour				PM Peak Hour			
		LOS	V/C	Delay	Q (95 <sup>th</sup> )	LOS	V/C	Delay	Q (95 <sup>th</sup> )
Eagleson Road & Ottawa Street <i>Unsignalized</i>	NB	A	0.04	1.2	0.8	A	0.04	1.2	0.8
	SB	-	-	-	-	-	-	-	-
	EB	C	0.38	18.0	13.5	C	0.26	17.1	7.5
	<b>Overall</b>	<b>A</b>	-	<b>4.3</b>	-	<b>A</b>	-	<b>2.4</b>	-
Eagleson Road & Brophy Drive <i>Unsignalized</i>	NB	A	0.24	8.5	6.8	A	0.16	9.0	3.8
	SB	A	0.32	9.3	9.8	B	0.51	12.8	21.8
	WB	A	0.05	7.7	0.8	A	0.34	10.0	11.5
	<b>Overall</b>	<b>A</b>	-	<b>8.9</b>	-	<b>B</b>	-	<b>11.3</b>	-
McBean Street & Ottawa Street <i>Unsignalized</i>	NB	A	0.00	0.1	0.0	A	0.00	0.0	0.0
	SB	A	0.04	4.4	0.8	B	0.02	10.8	0.8
	EB	B	0.03	11.1	0.8	A	0.02	1.7	0.0
	WB	A	0.11	9.8	3.0	B	0.13	10.1	3.0
	<b>Overall</b>	<b>A</b>	-	<b>5.0</b>	-	<b>A</b>	-	<b>3.9</b>	-

Notes: Saturation flow rate of 1800 veh/h/lane  
PHF = 0.90

The existing intersection operations operate well during the peak hours.

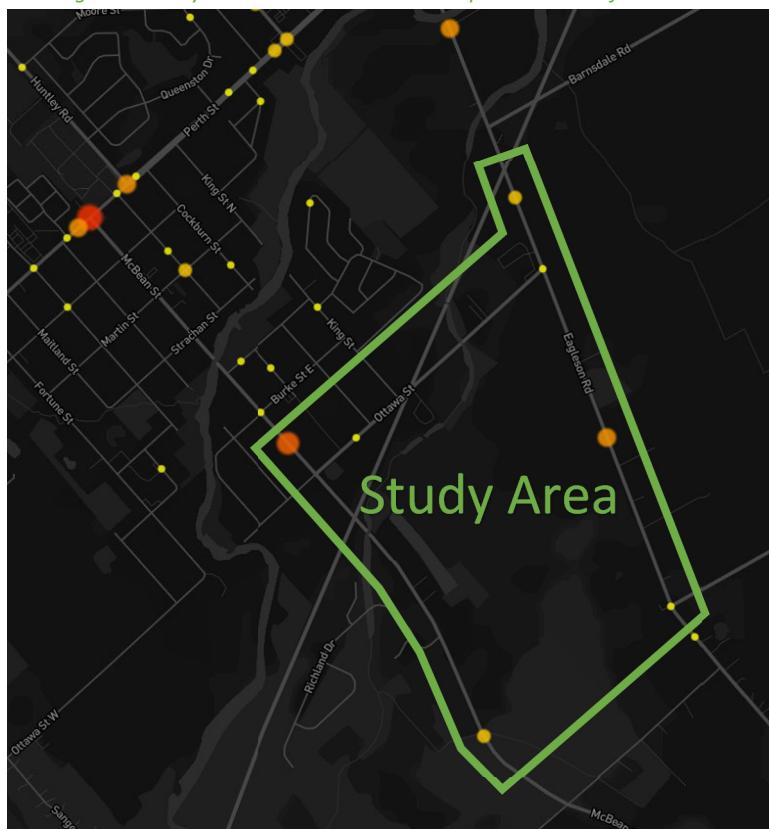
## 2.2.8 Collision Analysis

Collision data have been acquired from the City of Ottawa open data website ([data.ottawa.ca](http://data.ottawa.ca)) for five years prior to the commencement of this TIA for the surrounding study area road network. Table 3 summarizes the collisions types and conditions in the study area, Figure 8 illustrates the intersections and segments analyzed, and Table 4 summarizes the total collisions for each of these locations. Collision data are included in Appendix D.

Table 3: Study Area Collision Summary, 2014-2017

		Number	%
<b>Total Collisions</b>		<b>24</b>	<b>100%</b>
Classification	<b>Fatality</b>	0	0%
	<b>Non-Fatal Injury</b>	8	33%
	<b>Property Damage Only</b>	16	67%
Initial Impact Type	<b>Approaching</b>	1	4%
	<b>Angled</b>	2	8%
	<b>Rear end</b>	1	4%
	<b>Sideswipe</b>	3	13%
	<b>Turning Movement</b>	3	13%
	<b>SMV Unattended</b>	1	4%
	<b>SMV Other</b>	13	54%
Road Surface Condition	<b>Dry</b>	19	79%
	<b>Wet</b>	2	8%
	<b>Packed Snow</b>	1	4%
	<b>Ice</b>	2	8%
<b>Pedestrian Involved</b>		1	4%
<b>Cyclists Involved</b>		0	0%

Figure 8: Study Area Collision Records – Representation of 2014-2016



Source: <https://maps.bikeottawa.ca/collisions/> Accessed: November 4, 2019

Table 4: Summary of Collision Locations, 2014-2018

Intersections / Segments	Number	%
Eagleson Rd @ Ottawa St	1	4%
Eagleson Rd/Mccordick Rd @ Brophy Dr	3	13%
Mcbean St @ Ottawa St	3	13%
Eagleson Rd btwn Barnsdale Rd & Ottawa St	3	13%
Eagleson Rd btwn Ottawa St & Brophy Dr	5	21%
Mcbean St btwn Burke St & Ottawa St	4	17%
Mcbean St btwn Richland Dr & Dobson Lane	3	13%
Ottawa St btwn Colonel Murray St & Cockburn St	1	4%
Ottawa St btwn King St & Eagleson Rd	1	4%

Within the study area, no locations are noted to have elevated collision amounts. It is noted that single motor vehicle other is the most common accounting for over half (13 of 24) of the collision in the last 5 years. These collisions have predominantly been during the day (9 of 13), in dry conditions (11 of 13) and on clear days (12 of 13). The majority have of collisions occurred along Eagleson Road between Barnsdale Road and Brophy Drive (7 of 13) but it is unknown if speed, animals or other non-geometric factors contributed to these collisions.

## 2.3 Planned Conditions

### 2.3.1 Changes to the Area Transportation Network

No roadway improvements are included within the Ottawa TMP for the Study Area road network. The Village of Richmond CDP identifies a collector road between McBean Street and Eagleson Road, a gateway feature to the

southeast corner of the development lands on Eagleson Road, and local road connections to Ottawa Street and Eagleson Road. The collector road is noted to be a rural collector with a sidewalk on a single side. McBean Street is classified as a rural arterial with a sidewalk on a single side, transitioning to a village arterial north of the rail tracks to include an urban cross-section, sidewalks on both sides, on-street parking during the off-peak hours and trees in the boulevards. Eagleson Road remains as the existing rural arterial.

### 2.3.2 Other Study Area Developments

#### *3785 McBean Street*

The development includes nine self storage buildings for a total of 3,700 sq. m., six parking spaces and one loading space. Two accesses will be provided along McBean Street and a stormwater pond will be constructed on site. No TIA is available for the site.

#### *5511 McCordick Road*

The proposed zoning by-law amendment applies to the retained farmland associated with surplus farm dwelling severance, with intent of prohibiting residential uses. No TIA is available for the site.

#### *2780 Eagleson Road*

The development is an extension of Cardel Homes Creekside and is proposed to include 422 single-family dwellings. Two accesses to Eagleson Road are proposed north of Richmond Road. The TIA is in process but has not progressed to a point that confirms the trip generation.

## 3 Study Area and Time Periods

### 3.1 Study Area

The study area will include the following intersections:

- Eagleson Road at Ottawa Street
- Eagleson Road at Brophy Drive
- McBean Street at Ottawa Street
- Eagleson Road at New Collector
- Eagleson Road at New Local Road
- McBean Street at New Collector

The boundary roads are Eagleson Road and McBean Street. No screenlines are present near the proposed site and none will be reviewed as part of this study.

### 3.2 Time Periods

The AM and PM peak hours will be examined for the proposed development.

### 3.3 Horizon Years

The anticipated build-out year is 2032. As a result, the full build-out plus five years horizon year is 2037.

## 4 Exemption Review

Table 5 summarizes the exemptions for this TIA.

Table 5: Exemption Review

Module	Element	Explanation	Exempt/Required
<b>Design Review Component</b>			
<b>4.1 Development Design</b>	4.1.2 Circulation and Access	Only required for site plans	Exempt
	4.2.3 New Street Networks	Only required for plans of subdivision	Required
<b>4.2 Parking</b>	4.2.1 Parking Supply	Only required for site plans	Exempt
	4.2.2 Spillover Parking	Only required for site plans where parking supply is 15% below unconstrained demand	Exempt
<b>Network Impact Component</b>			
<b>4.5 Transportation Demand Management</b>	All Elements	Not required for site plans expected to have fewer than 60 employees and/or students on location at any given time	Required
<b>4.6 Neighbourhood Traffic Management</b>	4.6.1 Adjacent Neighbourhoods	Only required when the development relies on local or collector streets for access and total volumes exceed ATM capacity thresholds	Exempt
<b>4.8 Network Concept</b>		Only required when proposed development generates more than 200 person-trips during the peak hour in excess of equivalent volume permitted by established zoning	Exempt

## 5 Next Steps

Following the circulation and review of this Scoping Report, any outstanding comments will be addressed within the context of the plan of subdivision submission and the Forecasting Report. Following the completion of the remaining TIA Steps and sign-off has been received from City Transportation Project Manager, a signed and stamped final report will be provided to City staff.

# Appendix A

TIA Screening Form and PM Certification Form

City of Ottawa 2017 TIA Guidelines  
Step 1 - Screening Form

Date: Nov. 4, 2019  
Project Number: 2018-03  
Project Reference: Richmond - 6038 Ottawa St

1.1 Description of Proposed Development	
Municipal Address	6038 Ottawa Street
Description of Location	PLAN D24 PT UNIT 19 RP;4R-3057 PART 1
Land Use Classification	Residential
Development Size	903 single family homes, 260 townhomes
Accesses	Collector road connection to McBean and Eagleson, Local road connection to Eagleson
Phase of Development	Estimated 100 units per year
Buildout Year	2032
TIA Requirement	Full TIA Required

1.2 Trip Generation Trigger		
Land Use Type	Single-family homes	
Development Size	903	Units
Trip Generation Trigger	Yes	

1.3 Location Triggers	
Does the development propose a new driveway to a boundary street that is designated as part of the City's Transit Priority, Rapid Transit or Spine	Yes
Bicycle Networks?	
Is the development in a Design Priority Area (DPA) or Transit-oriented Development (TOD) zone?	No
Location Trigger	Yes

1.4. Safety Triggers	
Are posted speed limits on a boundary street 80 km/hr or greater?	Yes
Are there any horizontal/vertical curvatures on a boundary street limits sight lines at a proposed driveway?	No
Is the proposed driveway within the area of influence of an adjacent traffic signal or roundabout (i.e. within 300 m of intersection in rural conditions, or within 150 m of intersection in urban/ suburban conditions)?	Yes
Is the proposed driveway within auxiliary lanes of an intersection?	No
Does the proposed driveway make use of an existing median break that serves an existing site?	No
Is there is a documented history of traffic operations or safety concerns on the boundary streets within 500 m of the development?	No
Does the development include a drive-thru facility?	No
Safety Trigger	Yes

# DRAFT

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## PRELIMINARY CONCEPT PLAN Residential Use Option

Ottawa Street and Eagleson Road  
City of Ottawa

Note: Concept plan is preliminary and land use areas are approximately only. Not based on a survey  
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## **TIA Plan Reports**

On 14 June 2017, the Council of the City of Ottawa adopted new Transportation Impact Assessment (TIA) Guidelines. In adopting the guidelines, Council established a requirement for those preparing and delivering transportation impact assessments and reports to sign a letter of certification.

Individuals submitting TIA reports will be responsible for all aspects of development-related transportation assessment and reporting, and undertaking such work, in accordance and compliance with the City of Ottawa's Official Plan, the Transportation Master Plan and the Transportation Impact Assessment (2017) Guidelines.

By submitting the attached TIA report (and any associated documents) and signing this document, the individual acknowledges that s/he meets the four criteria listed below.

### **CERTIFICATION**

1. I have reviewed and have a sound understanding of the objectives, needs and requirements of the City of Ottawa's Official Plan, Transportation Master Plan and the Transportation Impact Assessment (2017) Guidelines;
2. I have a sound knowledge of industry standard practice with respect to the preparation of transportation impact assessment reports, including multi modal level of service review;
3. I have substantial experience (more than 5 years) in undertaking and delivering transportation impact studies (analysis, reporting and geometric design) with strong background knowledge in transportation planning, engineering or traffic operations; and
4. I am either a licensed<sup>1</sup> or registered<sup>2</sup> professional in good standing, whose field of expertise [check  appropriate field(s)] is either transportation engineering  or transportation planning .

<sup>1,2</sup> License of registration body that oversees the profession is required to have a code of conduct and ethics guidelines that will ensure appropriate conduct and representation for transportation planning and/or transportation engineering works.

Dated at Ottawa this 20 day of September, 2018.  
(City)

Name: Andrew Harte  
(Please Print)

Professional Title: Professional Engineer

  
Signature of Individual certifier that s/he meets the above four criteria

<b>Office Contact Information (Please Print)</b>
Address: 13 Markham Avenue
City / Postal Code: Ottawa / K2G 3Z1
Telephone / Extension: (613) 697-3797
E-Mail Address: Andrew.Harte@CGHTransportation.com



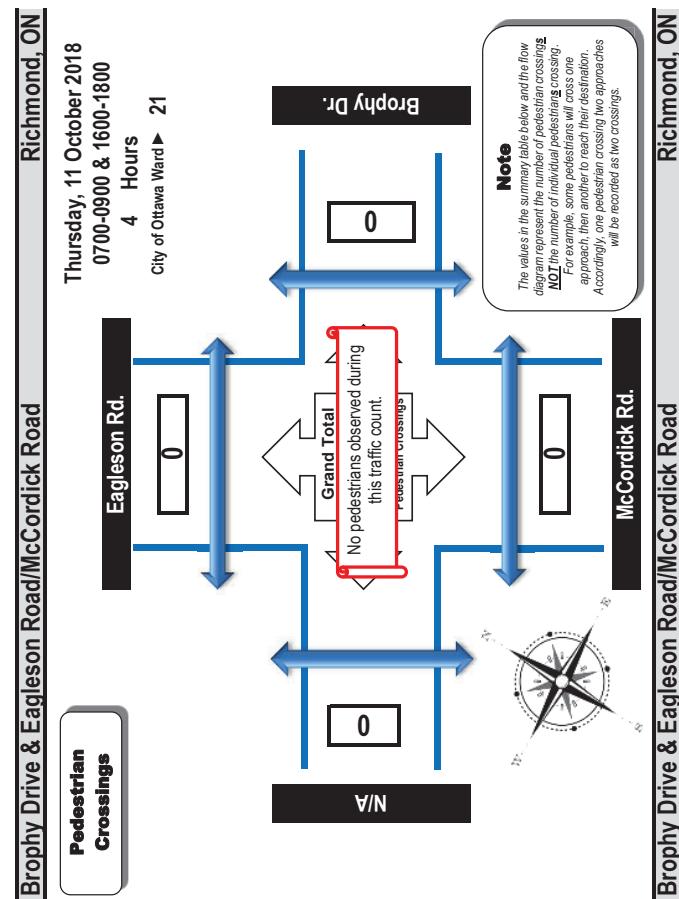
# Appendix B

Turning Movement Counts





**Turning Movement Count**  
Pedestrian Crossings Summary  
and Flow Diagram



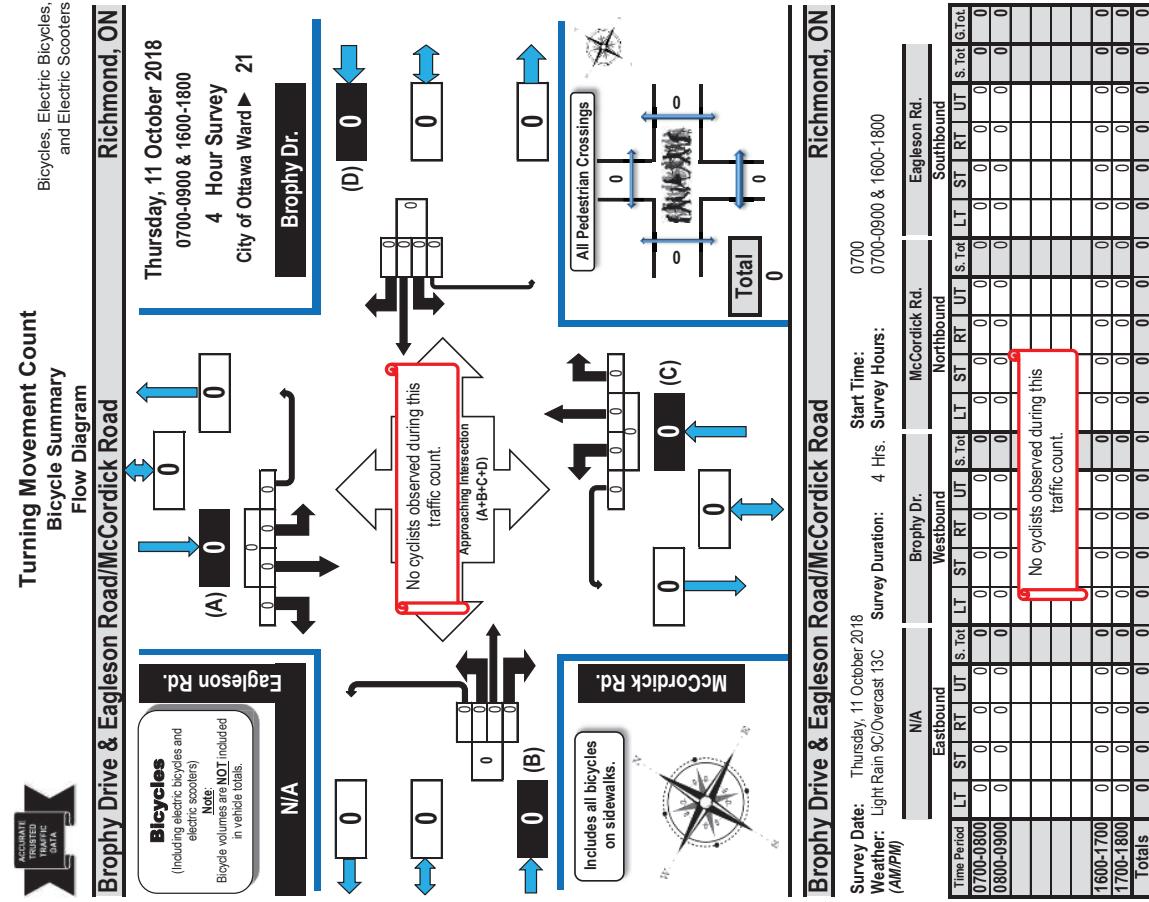
**Brophy Drive & Eagleson Road/McCordick Road**      Richmond, ON

Survey Date: Thursday, 11 October 2018  
Weather: Light Rain 9C/Overcast 13C  
(A/M/P/M)

Start Time: 0700  
Survey Hours: 4 Hrs.  
Survey Duration: 4 Hrs.

**Time Period**      **West Side Crossing**      **East Side Crossing**      **Street Total**      **South Side Crossing**      **Street Total**      **North Side Crossing**      **Street Total**

Time Period	LT	ST	RT	UT	S. Tot	LT	ST	RT	UT	S. Tot	LT	ST	RT	UT	S. Tot	GTot
0700-0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800-0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600-1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700-1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Totals</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



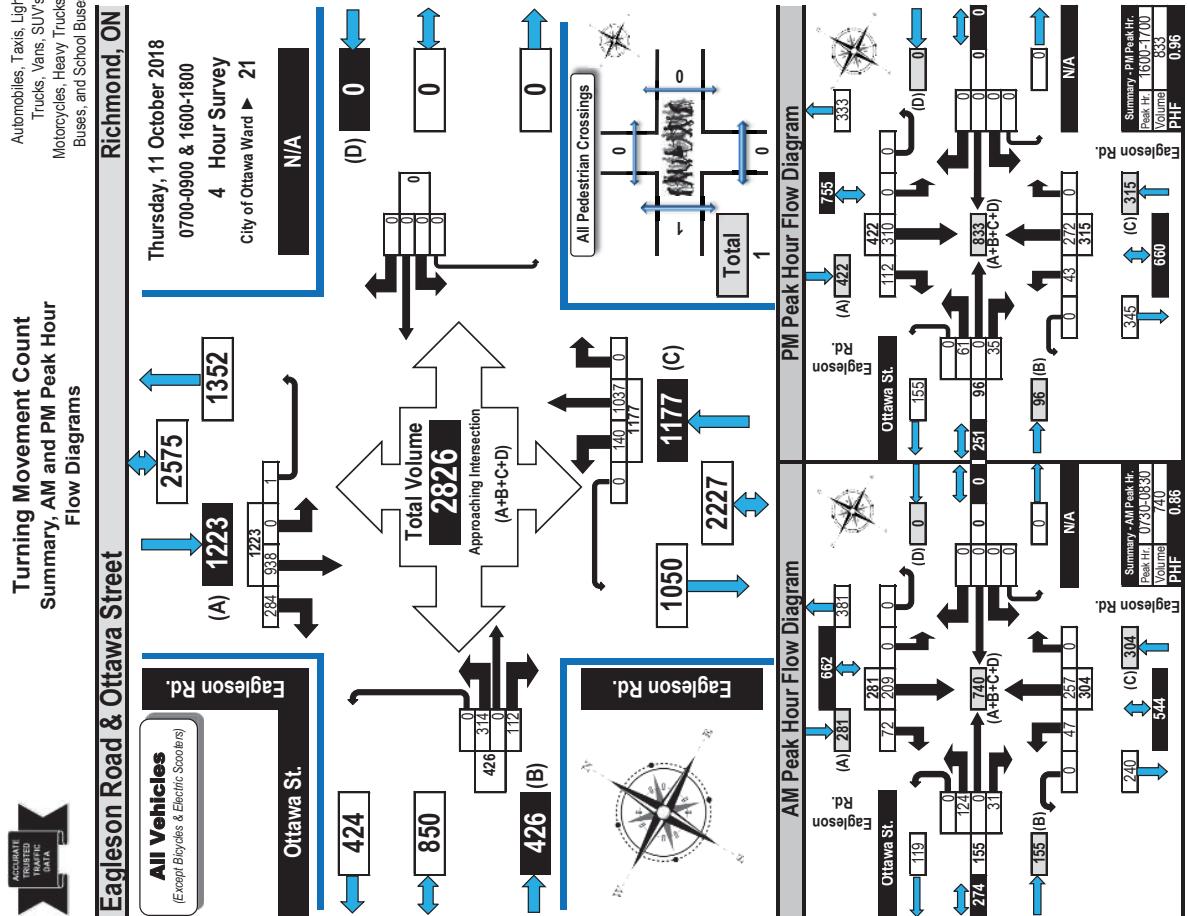
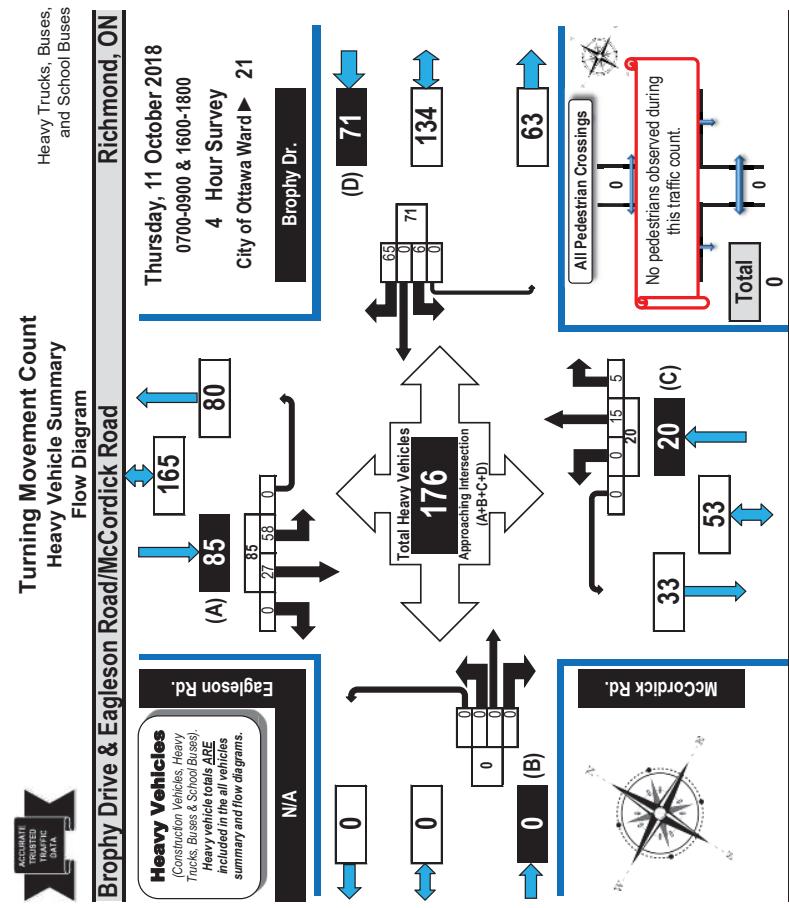
Printed on: 10/14/2018

Summary: Pedestrian Crossings  
Prepared by: thetrafficspecialist@gmail.com

Summary: Bicycles

Printed on: 10/14/2018

Prepared by: thetrafficspecialist@gmail.com





## Turning Movement Count Summary Report Including AM/PM Peak Hours, PHF, AADT and Expansion Factors

Automobiles, Taxis,  
Light Trucks, Vans,  
SUV's, Motorcycles,  
Heavy Trucks, Buses,  
and School Buses



Turning Movement Count  
Pedestrian Crossings Summary  
and Flow Diagram

### Eagleson Road & Ottawa Street

Survey Date: Thursday, 11 October 2018      Start Time: 0700      AADT Factor: 0.9  
Weather-AMPM Light Rain 9C/Overscast 13C      Survey Duration: 4 Hrs.      Survey Hours: 0700-0900 & 1600-1800

### Ottawa St.

### N/A

### Eagleson Rd.

### Southbound

Time Period	Westbound						Eastbound						N/A						WB Street Tot					
	LT	ST	RT	UT	E/B Tot	LT	ST	RT	UT	WB Street Tot	LT	ST	RT	UT	N/B Tot	LT	ST	RT	UT	WB Street Tot	Grand Total			
0700-0800	127	0	39	0	166	0	0	0	0	0	166	46	220	0	0	266	0	191	69	0	260	526	632	
0800-0900	79	0	22	0	101	0	0	0	0	0	101	27	272	0	0	299	0	171	32	0	203	502	633	
Totals	206	0	61	0	355	0	96	0	0	0	96	43	272	0	0	315	0	310	112	0	422	737	833	

Equivalent 12 & 24-hour Vehicle Volumes Including the Annual Average Daily Traffic (AADT) Factor

Applicable to the Day and Month of the Turning Movement Count

► Expansion factors are applied exclusively to standard weekday 8-hour turning movement counts

Equ. 12 Hr	Highest Hourly Vehicle Volume between 0700h & 1000h												Highest Hourly Vehicle Volume between 1130h & 1330h											
	LT	ST	RT	UT	TOT	LT	ST	RT	UT	TOT	S/TOT	G/TOT	LT	ST	RT	UT	TOT	LT	ST	RT	UT	TOT	S/TOT	G/TOT
0730-0830	124	0	31	0	155	0	0	0	0	0	155	47	257	0	0	304	0	209	72	0	281	555	740	
Off Peak Hr	LT	ST	RT	UT	TOT	LT	ST	RT	UT	TOT	S/TOT	G/TOT	LT	ST	RT	UT	TOT	LT	ST	RT	UT	TOT	S/TOT	G/TOT
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PM Peak Hour Factor	Highest Hourly Vehicle Volume between 1130h & 1330h												Highest Hourly Vehicle Volume between 1500h & 1800h											
	LT	ST	RT	UT	TOT	LT	ST	RT	UT	TOT	S/TOT	G/TOT	LT	ST	RT	UT	TOT	LT	ST	RT	UT	TOT	S/TOT	G/TOT
1600-1700	61	0	35	0	96	0	0	0	0	96	43	272	0	0	315	0	310	112	0	422	737	833		

### Comments

Construction on McBean Street with alternating flow over Jock River bridge. Eagleson Road is the designated detour route for heavy trucks.

### Notes:

- Includes all vehicle types except bicycles and electric scooters.
- Expansion factors are not applied to turning movement counts if they are less than 8-hours in duration.
- When expansion and AADT factors are applied, the results will differ slightly due to rounding.

### Disclaimer:

The information contained in this data summary is for informational purposes only, and may not apply to your situation. Every effort is made to ensure the traffic count information is accurate on the survey date provided on the summary and flow diagram forms. The author, publisher and distributor provide no warranty about the content or accuracy of either the data summary or flow diagrams. Information provided is subjective. The author, publisher and distributor shall not be liable for any loss of profit or any other commercial damages resulting from use of this data.

Prepared by: thetrafficspecialist@gmail.com

Summary All Veh

Printed on: 10/14/2018



### Eagleson Road & Ottawa Street

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

### Pedestrian Crossings

### Eagleson Rd.

### Ottawa St.

### 0

### 0

### 1

### 0

### 0

### 0

### 0

### 0

### 0

### 0

### 0

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### 0

### 0

### 0

### 0

### 0

### 0



### Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

**Note**  
The values in the summary table below and the flow diagram represent the number of pedestrian crossings.  
**NOT** the number of individual pedestrians crossing.  
For example, some pedestrians will cross one approach, then another to reach their destination. Accordingly, one pedestrian crossing two approaches will be recorded as two crossings.

### Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hrs. Survey Hours:

Start Time:

0700

Survey Duration:

4 Hrs.

Survey Total:

0

Grand Total:

0

Street Total:

0

Street Grand Total:

0

Side Total:

0

Side Grand Total:

0

East Side Total:

0

East Side Grand Total:

0

West Side Total:

0

West Side Grand Total:

0

North Side Total:

0

North Side Grand Total:

0

Eagleston Rd. Total:

0

Eagleston Rd. Grand Total:

0

City of Ottawa Ward ► 21

Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

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Richmond, ON

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0700-0900 & 1600-1800  
4 Hours

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Richmond, ON

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0700-0900 & 1600-1800  
4 Hours

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Richmond, ON

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0700-0900 & 1600-1800  
4 Hours

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Richmond, ON

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0700-0900 & 1600-1800  
4 Hours

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4 Hours

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Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

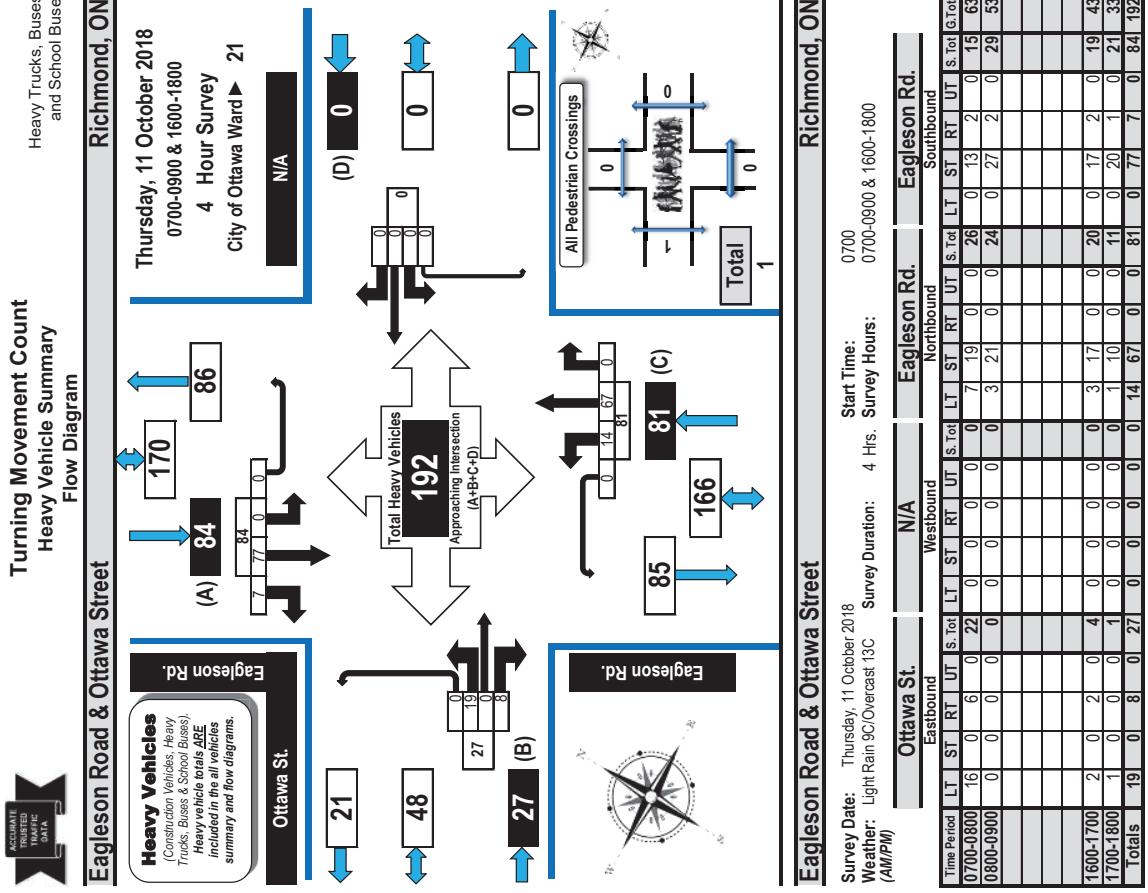
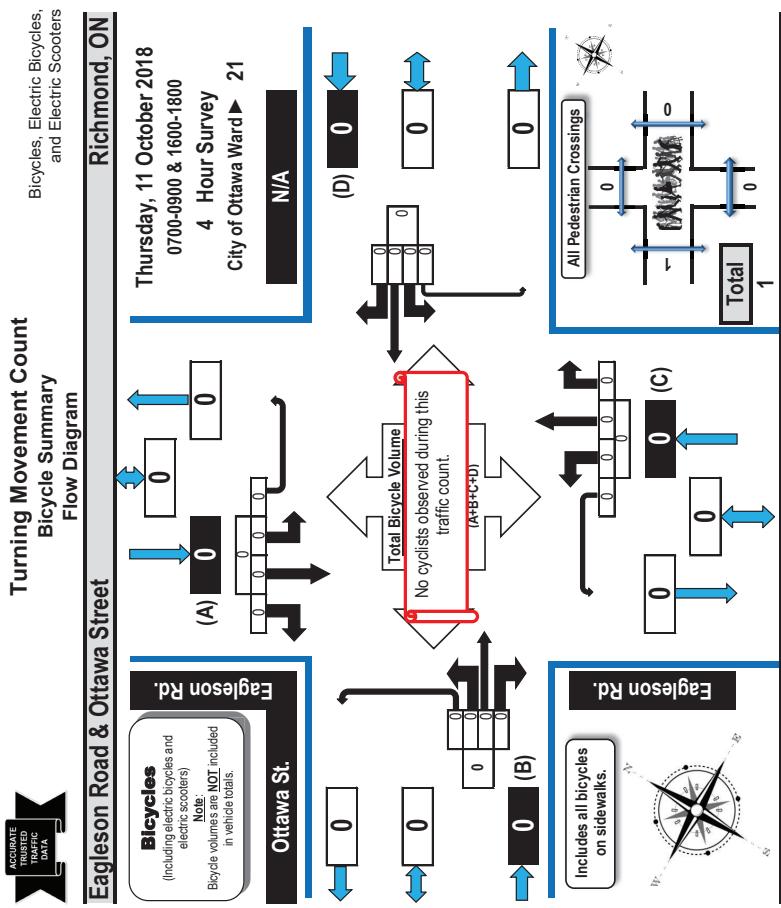
Thursday, 11 October 2018

0700-0900 & 1600-1800  
4 Hours

City of Ottawa Ward ► 21

Richmond, ON

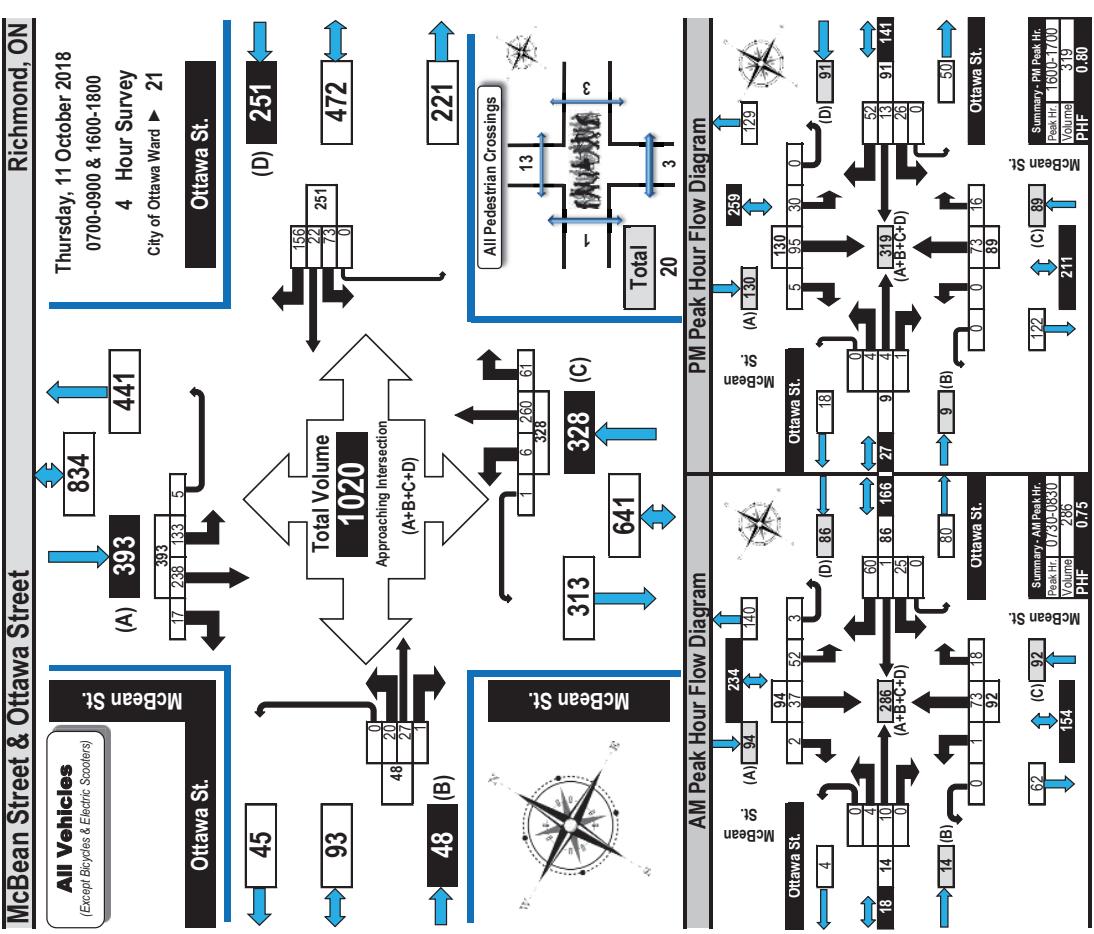
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# Turning Movement Count Summary, AM and PM Peak Hour Flow Diagrams

**Automobiles, Taxis, Light Trucks, Vans, SUV's, Motorcycles, Heavy Trucks, Buses, and School Buses**



# Turning Movement Count Summary Report Including AM/PM Peak Hours, PHF, AADT and Expansion Factors

**Automobiles, Taxicabs  
Light Trucks, Vans  
SUV's, Motorcycles  
Heavy Trucks, Buses**

McBean Street & Ottawa Street												Richmond, ON												
Survey Date:			Thursday, 11 October 2018			Start Time:			0700			ADT Factor:			0.9									
Weather-Avg/PM			Light Rain 9C/Overset 13C			Survey Duration:			4 Hrs.			Survey Hours:			0700-0900 & 1600-1800									
Ottawa St.			McBean St.			McBean St.			McBean St.			Southbound												
Northbound			Westbound			Eastbound			Northbound			Westbound			Southbound			Street Total			Grand Total			
Time Period	LT	ST	RT	UT	E/B Tot	LT	ST	RT	UT	WB Tot	Street Total	LT	ST	RT	UT	WB Tot	Street Total	S/B Tot	Street Total	Grand Total	Street Total	Grand Total	Street Total	
0700-0800	5	8	0	0	13	19	0	53	0	72	85	2	73	18	0	93	55	37	1	94	187	272		
0800-0900	5	7	0	0	12	12	1	22	0	35	47	3	38	15	0	76	31	39	5	2	77	153	200	
1600-1700	4	1	0	9	26	13	52	0	91	100	0	73	16	0	89	30	95	5	0	130	219	319		
1700-1800	6	8	0	0	14	16	8	29	0	53	67	1	56	12	1	70	17	67	6	2	92	162	229	
Totals	20	27	1	0	48	73	22	156	0	251	289	6	260	61	1	328	133	238	17	3	393	721	1020	

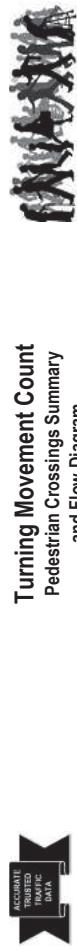
Summary All Ve

Prepared by: thetrafficspecialist@gmail.com

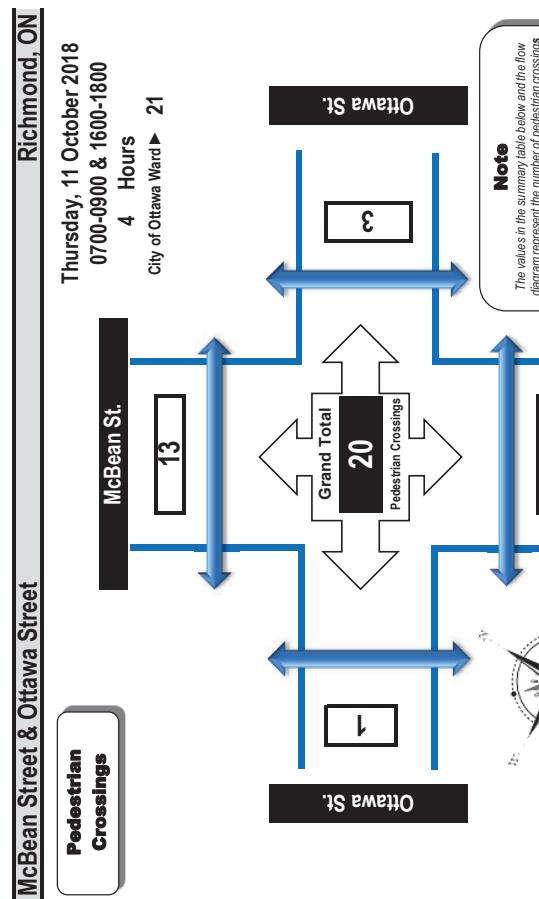
Printed on: 10/14/2018

Prepared by: thetrafficspecialist@gmail.com

Printed on: 10/14/2018



### Turning Movement Count Pedestrian Crossings Summary and Flow Diagram

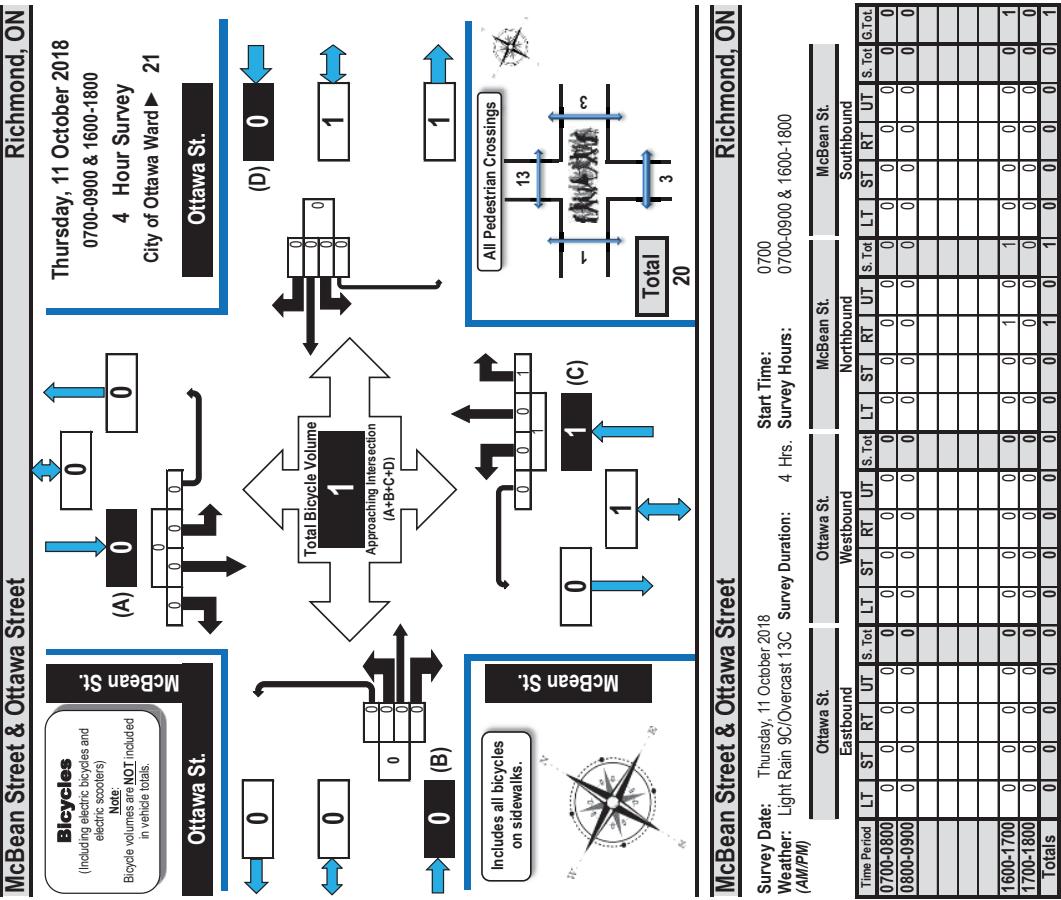


### McBean Street & Ottawa Street

Survey Date: Thursday, 11 October 2018  
Weather: Light Rain 9C/Overcast 13C  
(AM/PM) Survey Duration: 4 Hrs.  
Start Time: 0700  
Survey Hours: 0700-0900 & 1600-1800

Time Period	West Side Crossing Ottawa St.	East Side Crossing Ottawa St.	Street Total	South Side Crossing McBean St.	North Side Crossing McBean St.	Street Total	Grand Total		Northbound		Southbound	
							LT	ST	RT	UT	S.	Tot
0700-0800	0	1	1	0	1	1	2	0	1	1	0	2
0800-0900												
1600-1700	0	1	1	3	5	8	9					
1700-1800	0	0	0	0	1	1	1					
<b>Totals</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>13</b>	<b>16</b>	<b>20</b>					

### Turning Movement Count Bicycle Summary Flow Diagram

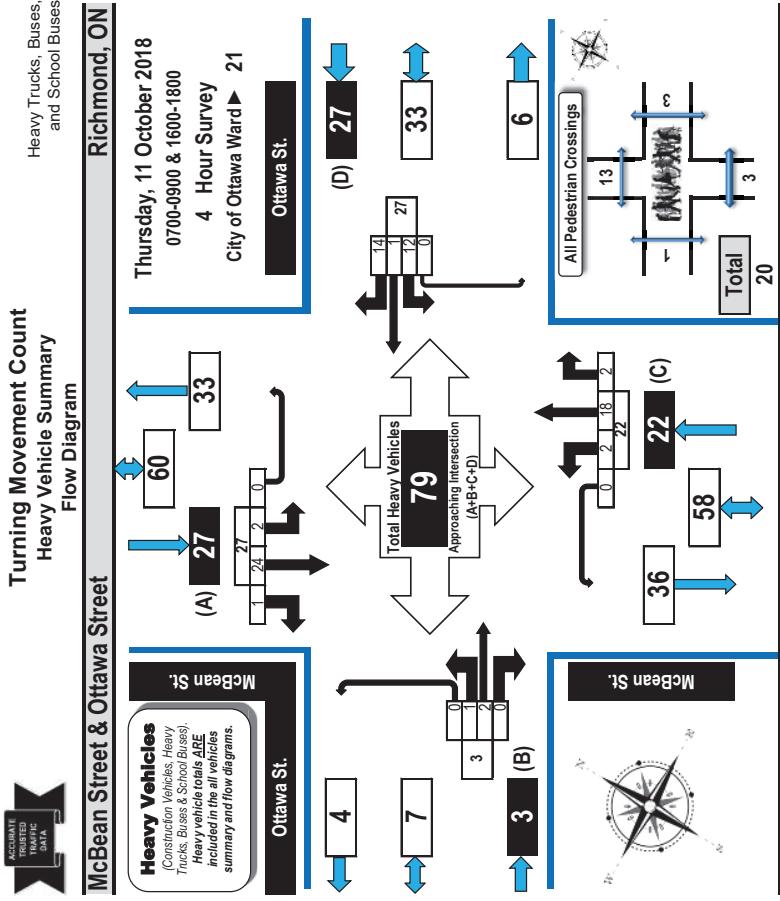


### McBean Street & Ottawa Street

Survey Date: Thursday, 11 October 2018  
Weather: Light Rain 9C/Overcast 13C  
(AM/PM) Survey Duration: 4 Hrs.  
Start Time: 0700  
Survey Hours: 0700-0900 & 1600-1800

Time Period	Ottawa St.	McBean St.	Westbound		Eastbound		Southbound		Northbound				
			LT	ST	RT	UT	S.	Tot	LT	ST	RT	UT	S.
0700-0800	0	0	0	0	0	0	0	0	0	0	0	0	0
0800-0900	0	0	0	0	0	0	0	0	0	0	0	0	0
1600-1700	0	0	0	0	0	0	0	0	0	0	0	0	0
1700-1800	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Turning Movement Count  
Heavy Vehicle Summary  
Flow Diagram**



**McBean Street & Ottawa Street**

Survey Date: Thursday, 11 October 2018  
Weather: Light Rain 9°C Overcast 13°C  
Duration: 4 Hrs. Start Time: 0700  
Survey Hours: 0700-0900 & 1600-1800  
(AM/PM)

**Ottawa St.**      **McBean St.**      **McBean St.**

Time Period	Eastbound				Westbound				Northbound				Southbound							
	LT	ST	RT	UT	S. Tot	L.T.	ST	RT	UT	S. Tot	LT	ST	RT	UT	S. Tot	G.Total				
0700-0800	0	0	0	0	4	0	9	0	13	2	9	1	0	12	1	1	0	0	27	
0800-0900	1	0	0	0	1	3	0	1	0	4	0	5	0	0	5	0	2	1	3	
1600-1700	0	2	0	0	2	5	1	2	0	8	0	4	0	0	4	1	14	0	15	
1700-1800	0	0	0	0	0	0	2	0	0	2	0	0	1	0	7	0	0	7	10	
Totals	1	2	0	0	3	12	1	14	0	27	2	18	2	0	22	2	24	1	0	271

# Appendix C

Synchro Intersection Worksheets – Existing Conditions

Intersection	Int Delay, s/veh	4.3	Intersection	Int Delay, s/veh	8.9								
Movement	EBL	EBC	NBL	NBT	SBR	Movement	WBL	WBR	NBT	NBR	SBL	SBT	
Lane Configurations	124	31	47	257	209	72	Traffic Vol, veh/h	5	27	159	22	178	58
Future Vol, veh/h	124	31	47	257	209	72	Future Vol, veh/h	5	27	159	22	178	58
Conflicting Peds, #/hr	0	0	0	0	0	0	Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
RT Channelized	Stop	Free	Free	Free	Free	-	Heavy Vehicles, %	2	2	2	2	2	2
Storage Length	-	-	-	-	-	-	Multi Flow	6	30	177	24	198	64
Veh in Median Storage, #	0	-	-	0	0	-	Number of Lanes	1	0	1	0	1	
Grade, %	0	-	-	0	0	-	Approach	WB	NB	NB	NB	NB	
Peak Hour Factor	90	90	90	90	90	90	Opposing Approach		SB	SB	SB	SB	
Heavy Vehicles, %	2	2	2	2	2	2	Conflicting Approach Left	NB		1	1	WB	
Mvmt Flow	138	34	52	286	232	80	Conflicting Approach Right	SB		0	0	1	
Major/Minor	Minor2	Major1	Major2				Conflicting Lanes Left	1		0	0	1	
Conflicting Flow All	662	272	312	0	-	0	Conflicting Approach Right	SB		WB	WB	WB	
Stage 1	272	-	-	-	-	-	Conflicting Lanes Right	1		1	0	0	
Stage 2	390	-	-	-	-	-	HCM Control Delay	7.7		8.5	8.5	9.3	
Critical Hwy	6.42	6.22	4.12	-	-	-	HCM LOS	A		A	A	A	
Critical Hwy Sig 1	5.42	-	-	-	-	-	Lane	NBLn1	WBLn1	WBLn1	WBLn1	WBLn1	
Critical Hwy Sig 2	5.42	-	-	-	-	-	Vol Left, %	0%	16%	75%			
Follow-up Hwy	3,518	3,318	2,218	-	-	-	Vol Thru, %	88%	0%	25%			
Pot Cap-1 Maneuver	427	767	1,248	-	-	-	Vol Right, %	12%	84%	0%			
Stage 1	774	-	-	-	-	-	Sign Control	Stop	Stop	Stop			
Stage 2	684	-	-	-	-	-	Traffic Vol/Lane	181	32	236			
Platoon blocked, %	-	-	-	-	-	-	LT Vol	0	5	178			
Mov Cap-1 Maneuver	406	767	1,248	-	-	-	Through Vol	159	0	58			
Mov Cap-2 Maneuver	406	-	-	-	-	-	RT Vol	22	27	0			
Stage 1	735	-	-	-	-	-	Lane Flow Rate	201	36	262			
Stage 2	684	-	-	-	-	-	Geometry Gap	1	1	1			
Approach	EB	NB	SB				Degree of Util (X)	0.23	0.044	0.313			
HCM Control Delay, s	18	12	0				Departure Headway (Hd)	4.121	4.467	4.3			
HCM LOS	C						Convergence, Y/N	Yes	Yes	Yes			
Minor Lane/Major Mvmt		NBL	NBT	BBLn1	SBI	SBR	Cap	857	806	829			
Capacity (veh/h)	1248	-	448	-	-	-	Service Time	2,214	2,467	2,368			
HCM Lane V/C Ratio	0.042	-	0.384	-	-	-	HCM Lane V/C Ratio	0.235	0.045	0.316			
HCM Control Delay (s)	8	0	18	-	-	-	HCM Control Delay	8.5	7.7	9.3			
HCM Lane LOS	A	A	C	-	-	-	HCM Lane LOS	A	A	A			
HCM 95th %ile Q (veh)	0.1	-	1.8	-	-	-	HCM 95th-lle Q	0.9	0.1	1.3			

Intersection	Int Delay, s/veh	A	Intersection	Int Delay, s/veh	A
Movement	WBL	WBR	Movement	WBL	WBR
Lane Configurations	124	31	Traffic Vol, veh/h	5	27
Future Vol, veh/h	124	31	Future Vol, veh/h	5	27
Conflicting Peds, #/hr	0	0	Peak Hour Factor	0.90	0.90
RT Channelized	Stop	Free	Heavy Vehicles, %	2	2
Storage Length	-	-	Multi Flow	6	30
Veh in Median Storage, #	0	-	Number of Lanes	1	0
Grade, %	0	-	Approach	WB	NB
Peak Hour Factor	90	90	Opposing Approach	SB	NB
Heavy Vehicles, %	2	2	Conflicting Approach Left	NB	SB
Mvmt Flow	138	34	Conflicting Approach Right	SB	WB
Major/Minor	Minor2	Major1	Conflicting Lanes Left	1	0
Conflicting Flow All	662	272	Conflicting Lanes Right	1	0
Stage 1	272	-	HCM Control Delay	7.7	8.5
Stage 2	390	-	HCM LOS	A	A
Critical Hwy	6.42	6.22	Lane	NBLn1	WBLn1
Critical Hwy Sig 1	5.42	-	Vol Left, %	0%	16%
Critical Hwy Sig 2	5.42	-	Vol Thru, %	88%	0%
Follow-up Hwy	3,518	3,318	Vol Right, %	12%	25%
Pot Cap-1 Maneuver	427	767	Sign Control	Stop	Stop
Stage 1	774	-	Traffic Vol/Lane	181	32
Stage 2	684	-	LT Vol	0	5
Platoon blocked, %	-	-	Through Vol	159	0
Mov Cap-1 Maneuver	406	767	RT Vol	22	27
Mov Cap-2 Maneuver	406	-	Lane Flow Rate	201	36
Stage 1	735	-	Geometry Gap	1	1
Stage 2	684	-	Degree of Util (X)	0.23	0.044
Approach	EB	NB	Departure Headway (Hd)	4.121	4.467
HCM Control Delay, s	18	12	Convergence, Y/N	Yes	Yes
HCM LOS	C		Cap	857	806
Minor Lane/Major Mvmt		NBL	NBT	BBLn1	SBI
Capacity (veh/h)	1248	-	Service Time	2,214	2,467
HCM Lane V/C Ratio	0.042	-	HCM Lane V/C Ratio	0.235	0.045
HCM Control Delay (s)	8	0	HCM Control Delay	8.5	7.7
HCM Lane LOS	A	A	HCM Lane LOS	A	A
HCM 95th %ile Q (veh)	0.1	-	HCM 95th-lle Q	0.9	0.1

Intersection	int Delay, s/veh	5	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
lane Configurations			4	10	0	25	1	60	1	73	18	55	37	2
Conflicting Veh/Veh			4	10	0	25	1	60	1	73	18	55	37	2
Conflicting Peds. #/hr			0	0	0	0	0	0	0	0	0	0	0	0
Sign Control			Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free
TRI Channelized			-	-	-	-	-	-	-	-	-	-	-	-
Storage Length			-	-	-	-	-	-	-	-	-	-	-	-
Length in Median Storage, #			0	-	-	0	-	-	0	-	-	0	-	-
Grade, %			0	-	-	0	-	-	0	-	-	0	-	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	90	2	2	2	2	2	2	2	2	2	2	2	2
Wmt Flow	4	11	0	28	1	67	1	81	20	61	41	2		
Major/Minor	Minor2	Conflicting Flow All	291	267	42	263	258	91	43	0	0	101	0	0
Stage 1	164	Critical Hwy	127	103	-	93	93	-	-	-	-	-	-	-
Stage 2	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	-	-	-	-	-
Critical Hwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	-	-
Critical Hwy Stg 2	3.518	4.018	3.318	3.518	4.018	3.318	4.018	3.318	2.218	-	-	2.218	-	-
Follow-up Hwy	661	639	1029	690	646	967	1566	-	-	-	-	1491	-	-
20 Cap-Maneuver	838	762	-	914	818	-	-	-	-	-	-	-	-	-
Stage 1	877	810	-	822	782	-	-	-	-	-	-	-	-	-
Stage 2	Platoon blocked, %	Mov Cap-1 Maneuver	594	612	1029	658	618	967	1566	-	-	1491	-	-
Mov Cap-2 Maneuver	594	612	-	658	618	-	-	-	-	-	-	-	-	-
Stage 1	837	730	-	913	817	-	-	-	-	-	-	-	-	-
Stage 2	815	809	-	785	730	-	-	-	-	-	-	-	-	-
Approach	EB	WB	WB	WB	WB	NB	NB	SB	SB	NBL	NBT	NBR	SBL	SBR
HCM Control Delay, s	11.1	B	A							1566	-	607	846	1491
HCM LOS										0.001	-	0.026	0.113	0.041
										7.3	0	11.1	9.8	7.5
										A	-	B	A	A
										0	-	0.1	0.4	0.1



# Appendix D

Collision Data

Record	Location	X	Y	Date	Time	Environment	Road_Surface	Traffic_Control	Collision_Location	Light	Collision_Classification	Impact_type
287	EAGLESON RD/MCCORDICK RD @ BROPHY DR	359087.428	5004726.052	2014-02-16	10:18	01 - Clear	05 - Packed snow	02 - Stop sign	02 - Intersection related	01 - Daylight	02 - Non-fatal injury	07 - SMV other
10657	MCBEAN ST btwn RICHLAND DR & DOBSON LANE	358342.4968	5004225.451	2014-10-07	20:34	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	07 - Dark	03 - P.D. only	07 - SMV other
988	MCBEAN ST btwn BURKE ST & OTTAWA ST	357583.7675	5005326.074	2015-03-23	14:37	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	01 - Daylight	02 - Non-fatal injury	07 - SMV other
3276	EAGLESON RD btwn OTTAWA ST & BROPHY DR	358990.6882	5004974.852	2015-02-08	12:14	01 - Clear	06 - Ice	10 - No control	01 - Non intersection	01 - Daylight	03 - P.D. only	04 - Sideswipe
6553	MCBEAN ST btwn BURKE ST & OTTAWA ST	357465.1034	5005451.823	2015-01-13	14:15	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	01 - Daylight	03 - P.D. only	06 - SMV unattended vehicle
7723	EAGLESON RD btwn BARNSDALE RD & OTTAWA ST	358395.9861	5006483.818	2015-02-28	13:09	01 - Clear	01 - Dry	08 - Traffic gate	05 - At railway crossing	01 - Daylight	03 - P.D. only	07 - SMV other
7740	EAGLESON RD @ OTTAWA ST	358562.626	5006062.705	2015-05-13	9:19	01 - Clear	01 - Dry	02 - Stop sign	03 - At intersection	01 - Daylight	03 - P.D. only	05 - Turning movement
10745	MCBEAN ST btwn BURKE ST & OTTAWA ST	357590.8399	5005317.951	2015-09-19	4:28	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	07 - Dark	03 - P.D. only	07 - SMV other
12430	EAGLESON RD btwn BARNSDALE RD & OTTAWA ST	358423.3082	5006426.684	2015-11-20	7:31	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	01 - Daylight	03 - P.D. only	07 - SMV other
4569	EAGLESON RD btwn OTTAWA ST & BROPHY DR	359058.0046	5004793.654	2016-03-26	22:18	01 - Clear	01 - Dry	10 - No control	04 - At/near private drive	07 - Dark	03 - P.D. only	03 - Rear end
4570	EAGLESON RD btwn OTTAWA ST & BROPHY DR	358572.9443	5006036.22	2016-10-07	6:44	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	03 - Dawn	03 - P.D. only	07 - SMV other
9480	MCBEAN ST btwn BURKE ST & OTTAWA ST	357513.4063	5005401.197	2016-05-30	18:27	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	01 - Daylight	03 - P.D. only	04 - Sideswipe
9490	MCBEAN ST btwn RICHLAND DR & DOBSON LANE	358266.7522	5004368.355	2016-04-19	15:53	01 - Clear	01 - Dry	10 - No control	04 - At/near private drive	01 - Daylight	02 - Non-fatal injury	05 - Turning movement
10681	OTTAWA ST btwn COLONEL MURRAY ST & COCKBURN ST	357855.2994	5005409.021	2016-11-29	0:21	07 - Fog, mist, sm2	02 - Wet	10 - No control	01 - Non intersection	07 - Dark	02 - Non-fatal injury	05 - Turning movement
4748	EAGLESON RD btwn OTTAWA ST & BROPHY DR	358976.37643	5005004.90015	2017-07-29	3:10	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	07 - Dark	02 - Non-fatal injury	04 - Sideswipe
4749	EAGLESON RD btwn OTTAWA ST & BROPHY DR	358634.75715	5005877.09920	2017-01-04	8:24	03 - Snow	06 - Ice	10 - No control	01 - Non intersection	01 - Daylight	02 - Non-fatal injury	01 - Approaching
10001	MCBEAN ST @ OTTAWA ST	357662.29504	5005236.34540	2017-04-25	7:58	01 - Clear	01 - Dry	02 - Stop sign	03 - At intersection	01 - Daylight	03 - P.D. only	07 - SMV other
10002	MCBEAN ST @ OTTAWA ST	357661.10070	5005236.10645	2017-09-21	11:00	01 - Clear	01 - Dry	02 - Stop sign	03 - At intersection	01 - Daylight	03 - P.D. only	02 - Angle
10005	MCBEAN ST btwn RICHLAND DR & DOBSON LANE	358235.18383	5004430.38716	2017-11-29	16:06	01 - Clear	01 - Dry	10 - No control	01 - Non intersection	01 - Daylight	03 - P.D. only	07 - SMV other
11197	OTTAWA ST btwn KING ST & EAGLESON RD	358064.28616	5005611.93193	2017-06-13	16:37	01 - Clear	01 - Dry	10 - No control	05 - At railway crossing	01 - Daylight	03 - P.D. only	07 - SMV other
7202	MCBEAN ST @ OTTAWA ST	357660.62252	5005236.34584	2018-08-10	0:31	01 - Clear	01 - Dry	02 - Stop sign	03 - At intersection	01 - Daylight	02 - Non-fatal injury	02 - Angle
8326	EAGLESON RD/MCCORDICK RD @ BROPHY DR	359085.50590	5004722.36158	2018-09-15	14:19	01 - Clear	01 - Dry	02 - Stop sign	02 - Intersection related	01 - Daylight	02 - Non-fatal injury	07 - SMV other
8895	EAGLESON RD/MCCORDICK RD @ BROPHY DR	359085.62735	5004722.32553	2018-09-29	20:01	01 - Clear	01 - Dry	02 - Stop sign	02 - Intersection related	07 - Dark	03 - P.D. only	07 - SMV other
9166	FAGIFSON RD btwn BARNSDALE RD & OTTAWA ST	358411.66237	5006441.12126	2018-10-09	7:56	07 - Fog, mist, sm2	02 - Wet	10 - No control	05 - At railway crossing	01 - Daylight	03 - P.D. only	07 - SMV other