



*Please note that added items are bolded and italicized.*

**CALL TO ORDER**

**DISCLOSURE OF PECUNIARY INTEREST**

**CONSENT AGENDA**

**DELEGATIONS**

**PRESENTATIONS**

1. Eric Chan, Manager of Transportation, Finance and Infrastructure Services re: [Council Work Plan Update: Caledon Transit Feasibility Study – Status Update](#)

**STAFF REPORTS**

<a href="#">Staff Report 2018-19</a>	Fire Master Plan
<a href="#">Staff Report 2018-13</a>	Caledon Sports Hall of Fame
<a href="#">Staff Report 2018-20</a>	Municipal Election Compliance Audit Committee
<a href="#">Staff Report 2018-14</a>	Minor Updates to the Sign By-law

**RECOMMENDATIONS OF ADVISORY COMMITTEES**

1. Accessibility Advisory Committee Report dated [February 15, 2018](#)

**NOTICES OF MOTION**

**1. Councillor Shaughnessy re: Bill 148 Fair Workplaces**

Whereas in 2017, Town staff communicated in writing to existing Students under 18 that their wages would increase to \$14.00 per hour;

Whereas on January 3rd, 2018, the Town of Caledon was advised of further clarifications on Bill 148, Fair Workplaces, Better Jobs Act, 2017 that Students under 18: who work no more than 28 hours per week when school is in session or work during school breaks or summer holidays are eligible to the student rate of \$13.15 per hour;

Whereas on January 31<sup>st</sup>, The Town of Caledon advised those Students under 18 that their wages would be rolled back to \$13.15 per hour for hours worked between January 15th - 28th onwards until such time as the Student turns 18 at which time the wage would revert to \$14.00 per hour; and,

Whereas it is important that the Town of Caledon sends the message to the youth of Caledon that it honours its agreements;

Therefore let it be resolved that Town Staff be instructed to reinstate the \$14.00 per hour wage to the affected Students under 18 employees. For clarification only those employees that had their wages modified as indicated in the January 31<sup>st</sup> memo.

**2. Councillor Groves re: 2012 Region of Peel Protocols – Notice and Consultation**

***Whereas the 2012 Region of Peel Protocols on Project Development affect the lives and Treaty Rights of Indigenous Peoples as well as all residents of Peel;***

***Whereas the Town of Caledon recently recognized and communicated by Caledon's Mayor via a public statement during Treaties Week, that ".the land on which we gather.....is part of the Treaty Lands of the Mississaugas of the New Credit..."***

***Whereas the Town of Caledon wishes to ensure that these lands are so recognized in any subsequent development projects of any type and that the Mississaugas of the New Credit will be consulted before any planning goes forward;***

***Now therefore be it resolved that the Town of Caledon recommend to the Region of Peel that the 2012 Region of Peel Protocols be amended to require that the Mississaugas of the New Credit be consulted by the Toronto Regional Conservation Authority (TRCA) and the three area municipalities and the Region of Peel on any developmental projects to be considered and promoted before such projects move forward;***

***That the protocols be required to reflect that notice of such consultation be posted in the area newspapers of the Region of Peel to ensure that Indigenous Peoples are informed as well as members of the general public; and***

***That a copy of this motion be provided to the Cities of Brampton and Mississauga and the TRCA.***

**CORRESPONDENCE**

**Memorandums**

1. Memorandum to Council from Sandra Sharpe, Executive Assistant to the Mayor, Corporate Services dated March 6, 2018 re: [Strengthening Organizational Diversity, Equity and Inclusion \(DEI\)](#)
2. Memorandum to Council from Venus Garnett, Financial Analyst, Finance and Infrastructure Services dated March 6, 2018 re: [2017 Statement of Remuneration and Expenses](#)
3. Memorandum to Council from Darryl Bailey, Fire Chief, Community Services dated March 6, 2018 re: [Update Fire and Emergency Services Medical Directives - Symptom Assist Program \(Naloxone/Narcan\)](#)

4. Memorandum to Council from Erin Britnell, Senior Analyst, Strategic Initiatives dated March 6, 2018 re: [Rural Ontario Municipal Association Conference: Government Relations Update](#)
5. Memorandum to Council from Hai Ly, Project Manager, Development, Finance and Infrastructure Services dated March 6, 2018 re: [Road Traffic Noise Study – Albion Vaughan Road](#)

### **Request to Present**

6. Request to Present from Peter Talias, Co-Founder, I Can, We Can! re: [I CAN WE CAN Initiative - Motivating Youth in Our Communities](#)

### **CONFIDENTIAL SESSION**

Confidential Staff Report 2018-4 re: A proposed or pending disposition of land by the Municipality – A portion of Town land, Airport Road (Ward 3)

Confidential Staff Report 2018-5 re: Personal matters about an identifiable individual, including municipal or local board employees – Community Recognition Night and Community Champion Selection for 2018

Confidential Staff Report 2018-8 re: A proposed or pending acquisition of land by the municipality or board – Wilson Land Donation Update

Confidential Memorandum to Council from David Arbuckle, General Manager, Strategic Initiatives dated March 6, 2018 re: Labour relations or employee negotiations concerning Under 18 Wage Rate

### **ADJOURNMENT**



### **Accessibility Accommodations**

Assistive listening devices for use in the Council Chamber are available upon request from the Staff in the Town's Legislative Services Section. American Sign Language (ASL) Interpreters are also available upon request.

Please provide advance notice if you require an accessibility accommodation to attend or participate in Council Meetings or to access information in an alternate format please contact Legislative Services by phone at 905-584-2272 x. 2366 or via email to [legislative.services@caledon.ca](mailto:legislative.services@caledon.ca).

# Council Work Plan Update



## Caledon Transit Feasibility Study – Status Update

General Committee - March 6<sup>th</sup>, 2018

# Motivation:

Assess the feasibility and financial responsibility of transit that would:

- Support better travel
- Expand economy
- Support future growth
- Promote independent living



# What is Transit?



## Fixed route

- Serves on a regular route, at specific stops, and at scheduled times

## Flexible route

- Serves a combination of flexible routing and scheduling

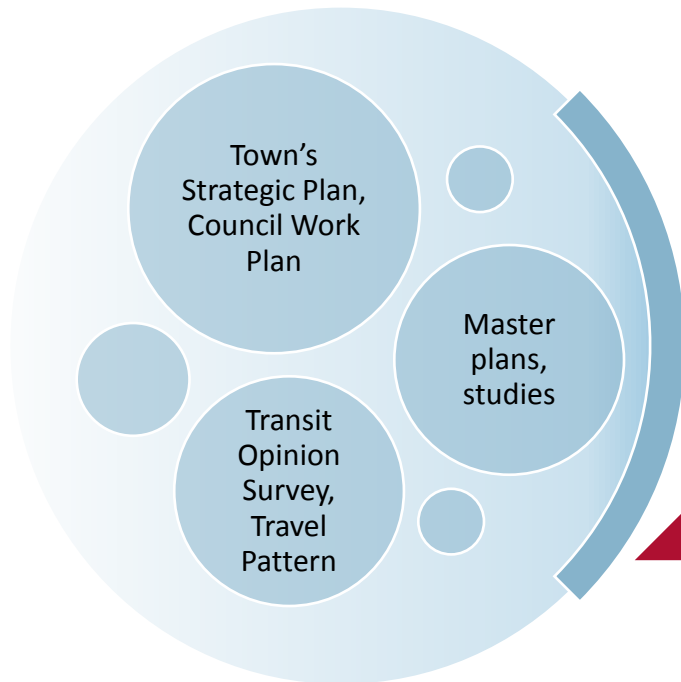
## Demand response

- Services no fixed alignment and scheduling

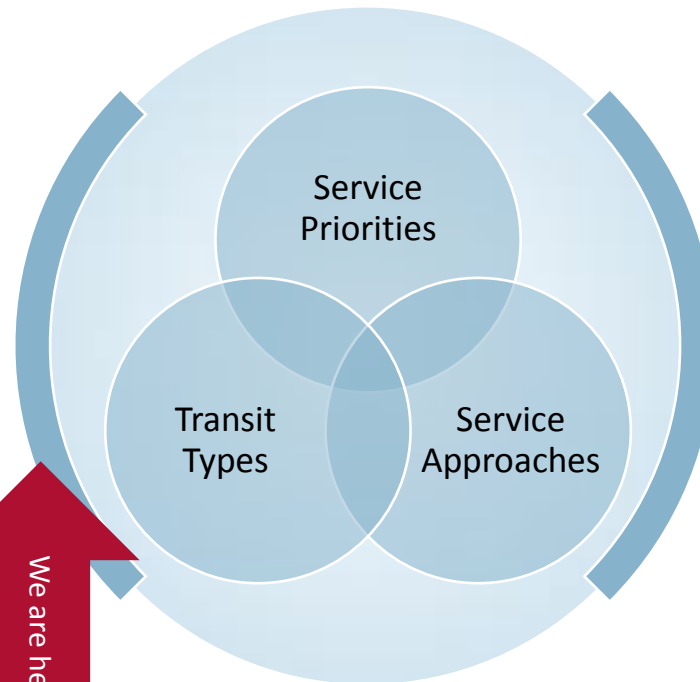
Transit Service Continuum

# Study Approach and Timeline

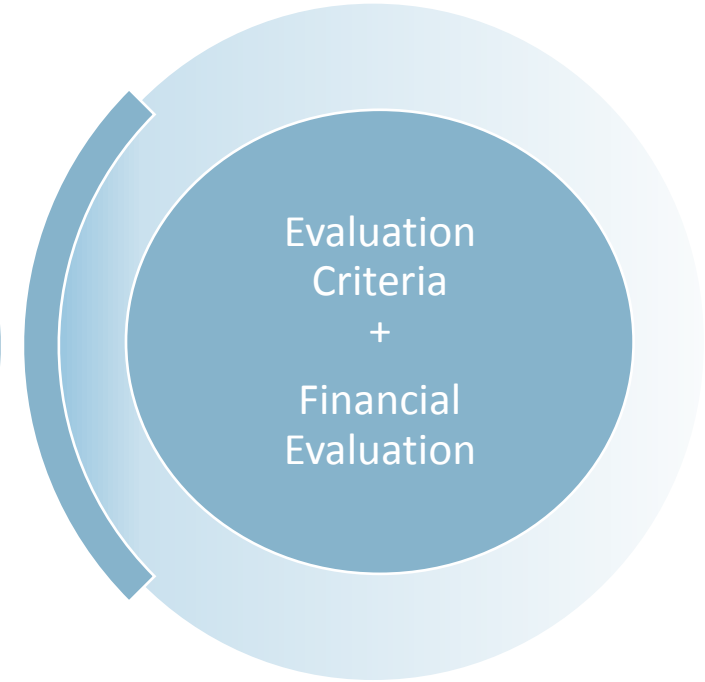
## Vision, Goals and Objectives



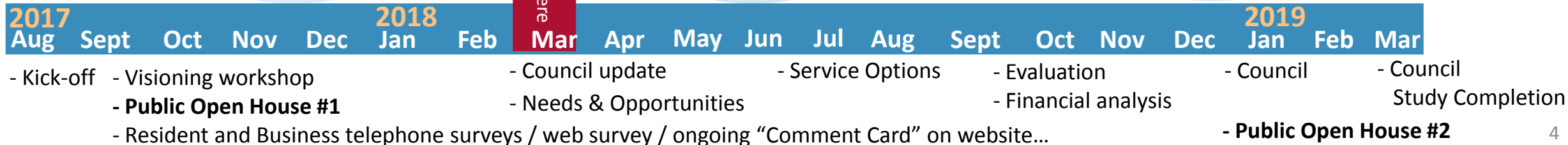
## Conceptional Vision



## Development of Options



We are here



# Stakeholders

## Caledon

Council  
Finance  
Planning  
Engineering  
Transportation  
Roads & Fleets  
Communications  
Regulatory Services

Community Planning  
Parks and Recreations  
Development Services  
Business Development  
Energy and Environment

## Peel

Sustainable Transportation  
TransHelp

## Community Groups

Cycling Task Force  
Seniors' Task Force  
Caledon Community Services  
Accessibility Advisory Committee  
Caledon Area Families For Inclusion

## Metrolinx

GO Bus  
Regional Transp Plan  
Smart Commute

## Brampton

Transp Planning  
Brampton Transit

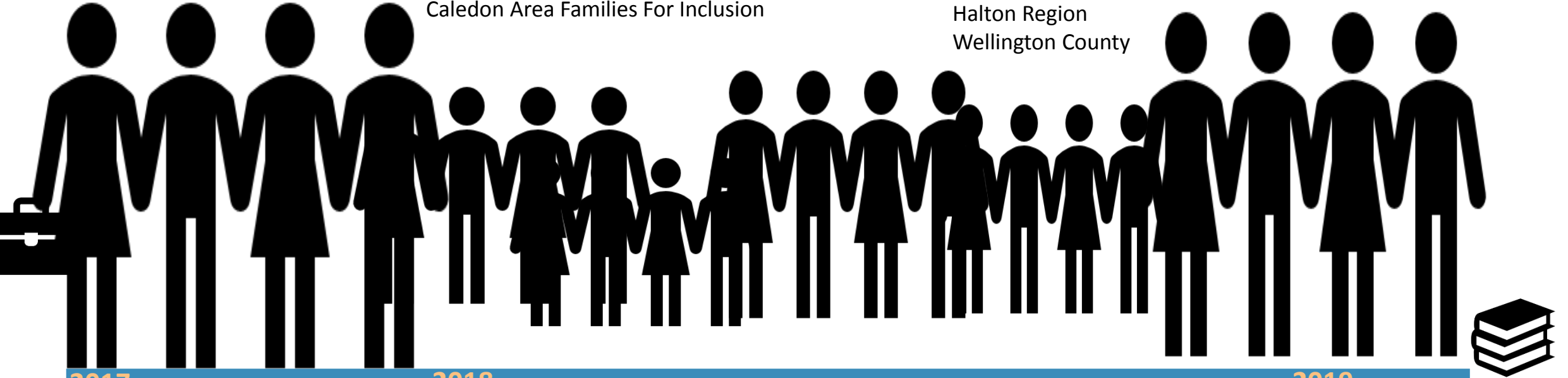
## Other governm't/agencies

Toronto Transit Commission  
MTO Transit Office  
York Region and York Rapid Transit  
City of Vaughan  
King Township  
Simcoe County  
Dufferin County  
Town of Orangeville  
Halton Region  
Wellington County

Town of Innisfil  
Uber  
Lyft

## Residents/Businesses

300+ residents (tele surveys)  
10+ residents inquiries  
20+ companies in petition  
1100+ households responded  
to Transp Tomorrow Survey  
16000+ residents responded to  
Census trip journey survey



2017

Aug Sept Oct Nov Dec

- Kick-off
- Visioning workshop
- **Public Open House #1**
- Resident and Business telephone surveys / web survey / ongoing "Comment Card" on website...

2018

Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

- Council update
- Needs & Opportunities
- Service Options
- Evaluation
- Financial analysis

2019

Jan Feb Mar

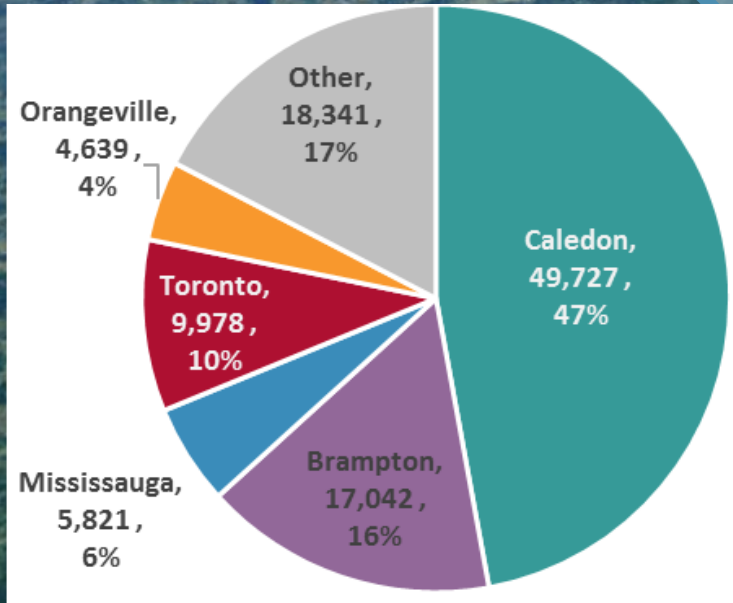
- Council
- Council Study Completion
- Public Open House #2

# What We Have Heard (1 of 3)

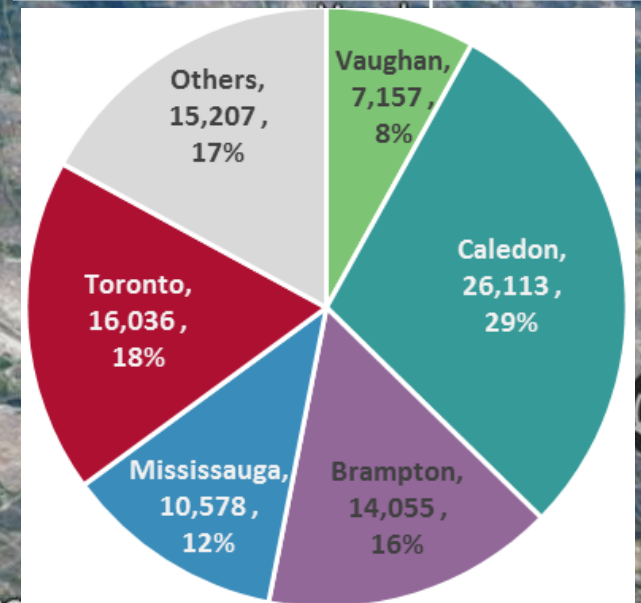
Nearly half of all trips are within Caledon...

... but most people work outside of Caledon

Trip Destinations from Caledon



Caledon Residents' Place of Work



# What We Have Heard (2 of 3)

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## Caledon's transit service should...

... serve both trips within Caledon *and* trips between Caledon and adjacent areas

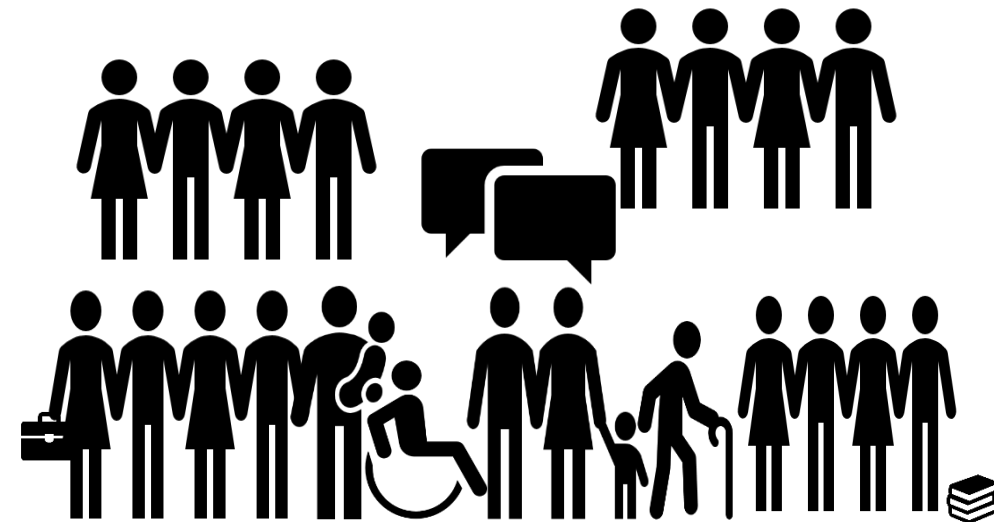
... focus on commute trips / high-demand corridors

- Also heard there's a need to serve youth and seniors

... connect to:

- points of interest
- social program locations
- higher-order transit stops

... be financially responsible



# What We Have Heard (3 of 3)

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## Key stats from survey:

- Around 99% of Caledon households have a car
  - 21% of respondents likely to use transit within Caledon
  - 27% likely to use between Caledon and other areas
- } 40% of these potential transit riders would use for work trips

*Source: telephone survey of statistically valid random sample of households (300 surveys collected during Sept 25-Oct 17, representing a margin of error of  $\pm 5.6\%$  at a 95% confidence interval)*



# Financial Considerations

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- Potential Implementation timeline: 2019 Budget and after
- Transit services in similar communities recover 20-30% of their costs through farebox revenue (thus 70%-80% subsidization)
- Financial responsibility requires trade-offs, including:
  - Area covered vs frequency of service
  - Commute trips (higher revenue) vs all trip purposes (community in need)
  - Service availability from other transit operators: Existing vs Planned
  - Balancing differing needs during phased implementation

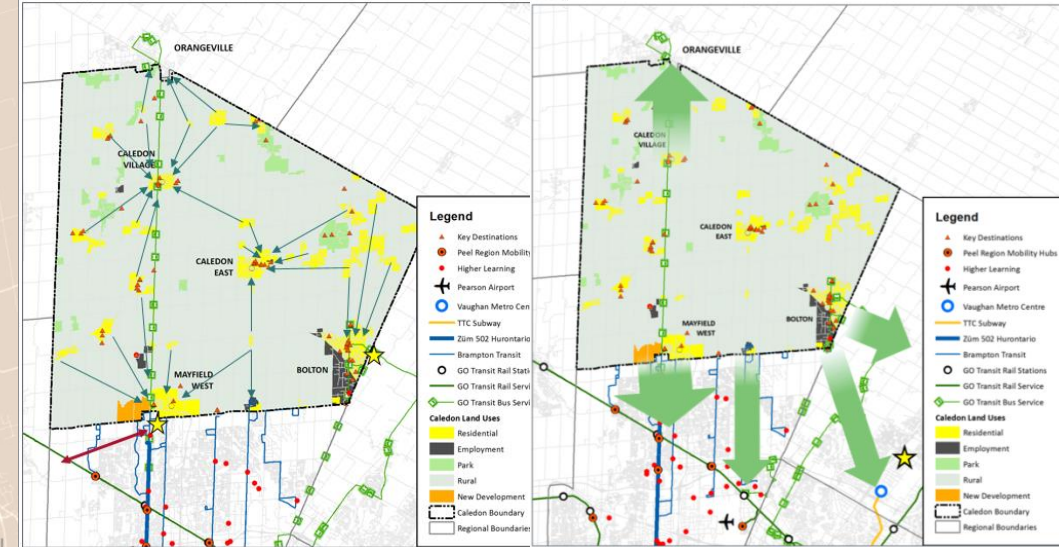
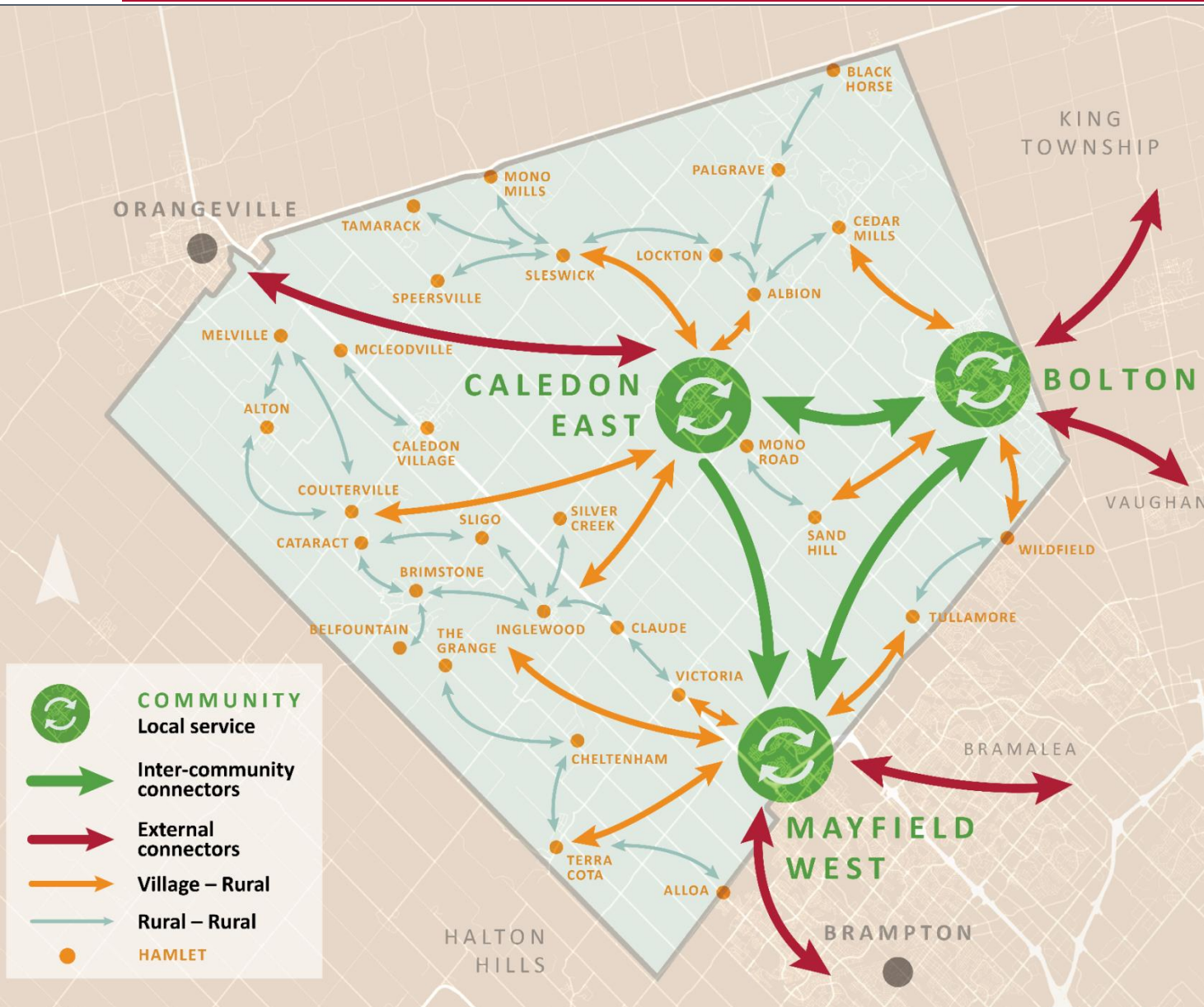


# Existing Transit Services



- **Brampton Transit (in Caledon)**
  - 30 Airport Rd - Tullamore (all-day)
- **Brampton Transit (near Caledon)**
  - 7 Kennedy (all-day)
  - 24 Van Kirk (peak only)
  - 15/15A Bramalea (all-day)
  - 31 MacVean (all-day)
- **GO Bus (in Caledon):**
  - 37 Brampton-Orangeville (peak-only)
  - 38 Bolton-Malton (all-day)
  - 38A Bolton-North York (peak-only)
- **Caledon Community Services (in Caledon):**
  - Door-to-door service 7 days a week to Caledon seniors and residents with short/long term disabilities
- **TransHelp (in Caledon):**
  - Transit service for people with disabilities across Peel Region

# Possible Transit Service Concepts

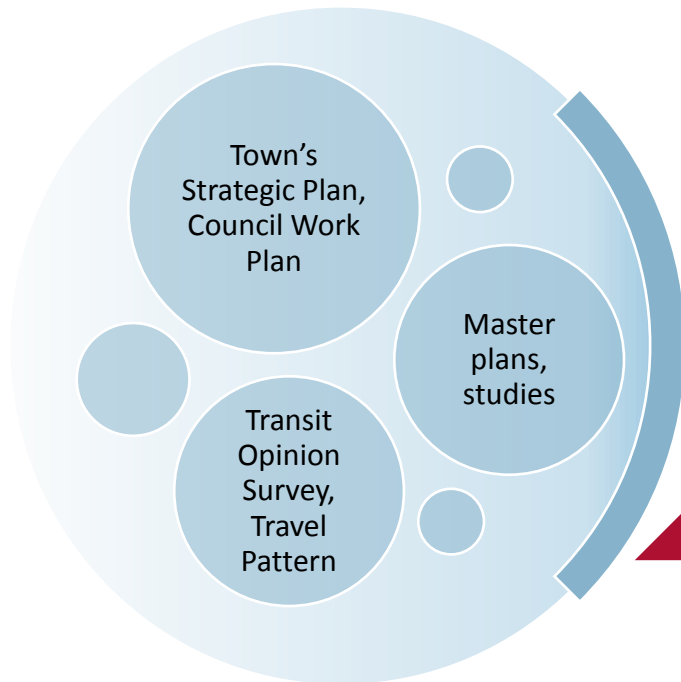


## Key Evaluation Criteria:

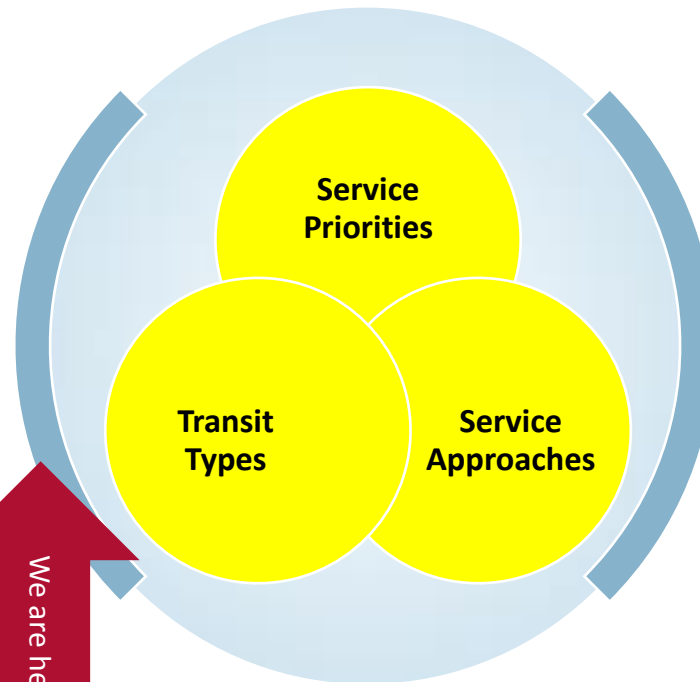
- Effectiveness in connectivity
- Ridership
- Points of interest served
- Financial (capital/operating costs, revenue, net subsidy)

# Next Steps

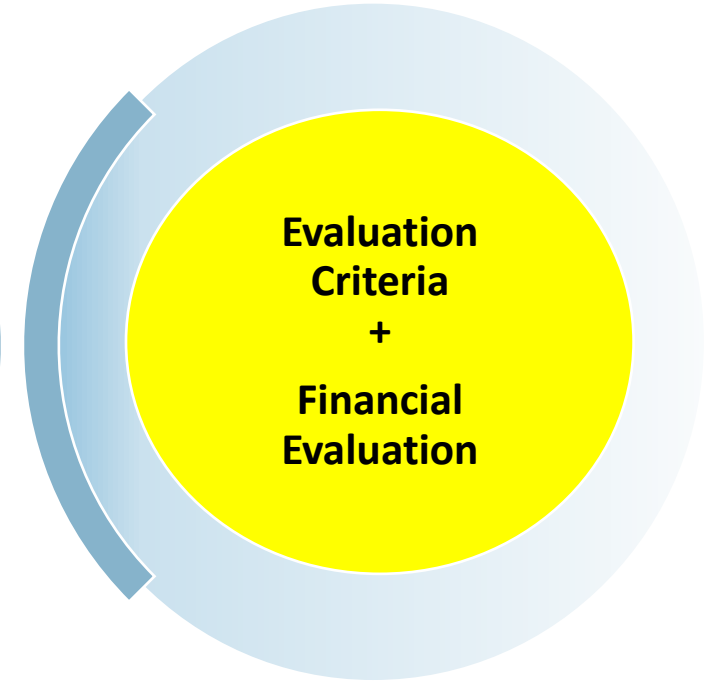
## Vision, Goals and Objectives



## Conceptional Vision



## Development of Options



We are here

2017 Aug Sept Oct Nov Dec 2018 Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec 2019 Jan Feb Mar

- Kick-off
- Visioning workshop
- **Public Open House #1**
- Resident and Business telephone surveys / web survey / ongoing "Comment Card" on website...
- Council update
- Needs & Opportunities
- Service Options
- Evaluation
- Financial analysis
- Council
- Council Study Completion
- **Public Open House #2**

# Caledon Transit Feasibility Study

## [caledon.ca/TFS](http://caledon.ca/TFS)



**Eric Chan, P.Eng., PMP**

Manager, Transportation Engineering

Finance and Infrastructure Services

Office: 905-584-2272 x.4076

Cell: 416-452-7091

Email: [Eric.Chan@caledon.ca](mailto:Eric.Chan@caledon.ca)

## **Staff Report 2018-19**

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Meeting Date: Tuesday, March 6, 2018

Subject: Fire Master Plan

Submitted By: Darryl Bailey, Fire Chief, Community Services

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### **RECOMMENDATION**

That the Fire Master Plan, the strategic framework for the delivery of fire protection services, attached as Schedule A to Staff Report 2018-19, be received.

### **REPORT HIGHLIGHTS**

- The Fire Master Plan provides a clear vision for public fire safety education, fire prevention and emergency response over the next 10 years. The purpose of this report is to provide the Fire Master Plan to Council.
- The Fire Master Plan identifies a number of actions that should be carried out over the next ten years to ensure Caledon Fire and Emergency Services (CFES) is maintaining and keeping up with the demands of fire protection services in the Town of Caledon.
- The recommendations/scenarios presented are intended to provide options for Councils consideration in determining the level of fire suppression services to be provided within the community. This strategy is consistent with the requirements of the *Fire Protection and Prevention Act (1997)* that enable a municipal Council to determine the level of fire suppression services to be provided based upon local needs and circumstances.
- These scenarios are not presented as recommendations, but rather as information to further assist Staff and Council in assessing a wide range of strategies to enhance the overall delivery of fire protection services. These scenarios should be reviewed on the basis of fiscal responsibility and operational efficiency, and should first consider options such as increases in volunteer recruitment, scheduled on-call pilot programs, and reallocation of resources if needed.

### **DISCUSSION**

This Fire Master Plan (FMP) has been developed to provide the Town of Caledon with a strategic framework to assist Council in making decisions regarding the provision of fire protection and emergency services based on in-depth analyses of the local “needs and circumstances” as defined by the *Fire Protection and Prevention Act (1997)* (FPPA). The Town’s commitment to public safety is to provide an effective and efficient level of fire

protection and emergency services in response to the Town's legislated responsibilities as contained within the FPPA and the *Occupational Health and Safety Act* (OHSA).

The FMP provides a complete review of the current operations of the Caledon Fire and Emergency Services (CFES) to assist staff in establishing key objectives for the department. The plan includes analyses and recommendations that have been prepared following the master fire planning process outlined within the Office of the Fire Marshal and Emergency Management (OFMEM), "*Shaping Fire-Safe Communities Initiative*".

The Town engaged Dillion Consulting Limited as the consultant in the review of the FMP. The engagement involved a two phased approach.

Phase 1 included an initial presentation of the master fire planning process to key stakeholders including members of Council, senior Town staff, Fire Chief (previous), fire management, full-time firefighters association and Volunteer firefighters (2 representatives from each station). This consultation included opportunity to form a *Strength, Weaknesses, Opportunities and Challenges* analyses of the department.

Phase 2 included a presentation of the key findings and draft report to the Town's senior management team. The internal stakeholder consultation process was a component of this FMP process and directly informed the analysis and recommendations.

One of the primary roles of the Office of the Fire Marshal and Emergency Management (OFMEM) is to provide assistance to municipalities through the provision of information and processes to support determining the fire protection services a municipality requires, based on its local needs and circumstances. The OFMEM has developed Public Fire Safety Guidelines (PFSGs) to assist municipalities in making informed decisions to determine local needs and circumstances, and achieve compliance with the FPPA.

It is important to note that the OFMEM has initiated a review of all Public Fire Safety Guidelines. The following information is presented on the OFMEM website regarding this review:

"Please be advised that the Office of the Fire Marshal and Emergency Management Public Fire Safety Guidelines are currently under review but continue to be made available for reference purposes."

This FMP has been prepared in consideration of the current PFSGs and the Comprehensive Fire Safety Effectiveness Model, and Fire Risk Sub-model, authored by the OFMEM.

A core focus of the *FPPA* is the optimization of programs and services which prioritize the application of a strategy commonly referred to as the "*Three Lines of Defense*" that includes:

- I. Public Education and Prevention;*
- II. Fire Safety Standards and Enforcement; and*
- III. Emergency Response.*

Optimization of the first two lines of defense has proven to be an effective strategy in reducing the impacts of fire and fire-related injuries across the province. The OFMEM has indicated that further optimization of programs targeted specifically at the first two lines of defense should be a priority for fire services within Ontario.

*The FPPA states that, "every municipality shall, establish a program in the municipality which must include public education with respect to fire safety and certain components of fire prevention; and provide such other fire protection services as it determines may be necessary in accordance with its needs and circumstances."*

In our view, this FMP provides thorough analyses of the Town's current needs and circumstances while identifying a number of strategies and recommendations for Council's consideration in providing the most efficient and effective level of fire and emergency services that delivers the most value to the community.

The gap analyses presented within this FMP highlights areas where the CFES should prioritize its efforts in sustaining compliance with the FPPA. Specifically, this includes developing a dedicated **Home Smoke/Carbon Monoxide Alarm Program - Operating Guideline** that should be included with a comprehensive **Fire Prevention Policy** that is presented to Council for consideration and approval.

In the decision making process to choose the level of fire protection to be provided, consideration should also be given to the role of the community in fire safety. The role of human behaviour and awareness with respect to fire safety plays a key part in having an effective and efficient level of fire protection services. These factors further support the importance of public fire safety education and fire prevention in providing the most efficient and effective level of fire protection services for the community.

Emergency response, including fire suppression resources, is a necessary tool in managing the overall fire risk within a community. However, as indicated by the OFMEM, preventing fires through the delivery of proactive education and prevention programs, and utilization of the appropriate fire safety standards and enforcement strategies are the most effective means to further reduce the impacts of fire, and fire-related injuries across the province.

The analyses within this FMP recognize three strategic priorities for the delivery of fire protection services by the Caledon Fire and Emergency Services including:

- I. Recognize the historical dedication and commitment of the Volunteer Firefighters who serve as members of Caledon Fire & Emergency Services and the implementation of strategies that sustain the utilization of Volunteer Firefighters;*
- II. Optimization of the first two lines of defense including public education and fire prevention, and the utilization of fire safety standards and fire code enforcement to provide a comprehensive fire protection program within the Town based on the results of the Community Risk Assessment, and*

*III. Emphasis on strategies to support the sustainability of fire protection and emergency services that provide the most effective and efficient level of services resulting in the best value for the community.*

The recommendations and strategies presented within this FMP are intended to support the sustainability of volunteer firefighters as the primary providers of fire suppression services that are strategically supported by full-time firefighters within the Town of Caledon. Sustaining the high degree of dedication and commitment of the volunteer firefighters through ongoing consultation as part of considering and implementing this FMP will play a key role in sustaining the desired level of fire protection, and specifically fire suppression services within the Town.

The recommendations of this FMP have been developed based on a thorough analysis of the historical practices and performance of the Caledon Fire and Emergency Services in comparison to the Town's legislative responsibilities, recognized industry standards and guidelines reflecting current fire service best practices.

The analyses within the following sections provides a summary of scenarios identifying the predicted future fire suppression capabilities of the CFES subject to implementing a range of strategies presented within this FMP.

These scenarios are not presented as recommendations, but rather as information to further assist Staff and Council in assessing a wide range of strategies to enhance the overall delivery of fire protection services. These scenarios should be reviewed on the basis of fiscal responsibility and operational efficiency, and should first consider options such as increases in volunteer recruitment, scheduled on-call pilot programs, and reallocation of resources if needed.

A full list of recommendations is listed as part of Schedule A of this report. As staff reviews the recommendations they will bring them forward as part of the budget process for Council consideration.

Next Steps:

The Fire Master Plan will be posted to the Town of Caledon website.

**FINANCIAL IMPLICATIONS**

There are no immediate financial implications associated with this report. The recommendations with budget implications will be brought forth during yearly budget submissions for council approval. The 10-year capital forecast will be adjusted to reflect the implementation of the recommendations in this report.

**COUNCIL WORK PLAN**

The matter contained in this report is not relative to the Council Work Plan.

**ATTACHMENTS**

Schedule A – Fire Master Plan (\*Schedule A is available on the [Town Website](#))

## **Staff Report 2018-13**

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Meeting Date: Tuesday, March 6, 2018

Subject: Caledon Sports Hall of Fame

Submitted By: Robert Beatty, Specialist, Recreation, Community Services

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### **RECOMMENDATION**

That the temporary location of the Caledon Sports Hall of Fame at the Caledon East Community Complex upstairs Ice Pad 1 be approved;

That a new 2018 capital project for the construction and design of a temporary space for the Sports Hall of Fame be established, in the amount of \$10,000, funded by the Tax funded Capital Contingency Reserve Fund;

That Jerry Callahan be memorialized as one of the first inductees at the opening ceremonies of the temporary site in 4 quarter of 2018; and

That a Sports Hall of Fame working group be established in 2019.

### **REPORT HIGHLIGHTS**

- A temporary location for the Caledon Sports Hall of Fame has been identified at the Caledon East Community Complex (CECC), Pad 1.
- To cover the temporary site design and construction costs, a new capital project is required in the amount of \$10,000, funded from the Tax Funded Capital Contingency Reserve Fund.
- Jerry Callahan memorial will be established; Mr. Callaghan is to be included as one of the first inductees into Caledon's new Sport Hall of Fame and also the creation of the annual Jerry Callahan Humanitarian sports of excellence award to be established and presented annually (provided their are annual nominations) to Caledon residents.
- The inaugural Caledon Sports Hall of Fame induction ceremony will be held in 2019.
- The Caledon Sports Hall of Fame adminstration processes was benchmarked against other municipalities to determine best practices for the Hall. Various roles and volunteer structure are outlined in the report.

### **DISCUSSION**

During the November 28, 2017 Council meeting there was a notice of motion presented regarding the Sports Hall of Fame and Memorial Arena Program. Council requested an update on the following:

1. Sports Hall of Fame site be established (Caledon East Community Complex was recommended).
2. Creation of a Caledon Sports Hall of Fame to recognize individuals, living or posthumously who have contributed to athletics in the Town of Caledon.
3. Council adopted a resolution in 2010 to locate a Sports Hall of Fame in the memory of Jerry Callahan in the lobby of the Caledon East Community Complex in the short term prior to future expansion of the community center.
4. To recognize the accomplishments of individuals builds pride within the Community.

### **Temporary Location**

Community Services staff met and identified three potential locations for the Caledon Sports Hall of Fame temporary site at the Caledon East Community Complex. Staff then reviewed and discussed each location taking into consideration viewing access, patron traffic and the fact it is only a temporary location. The west wall, upstairs in Ice Pad 1, was selected as the best location for the temporary Sports Hall of Fame. To complete the necessary work a new 2018 capital project in the amount of \$10,000 is required and recommended to be funded from the Tax Funded Capital Contingency Reserve. The \$10,000 will fund the following expenditures for the temporary site;

- Site design
- Artwork
- Production
- Construction and install
- Signage
- Communications

The opening of the temporary Caledon Sports Hall of Fame will be held in 2018.

### **Permanent Location**

The permanent location of the Caledon Sports Hall of Fame will be at the Caledon East Community Complex as directed by the 2010 Council resolution. The permanent site is to be included in the conceptual design process as part of the future Caledon East Community Complex expansion project.

Prior to this design phase, staff intends to visit other municipalities' Sports Halls of Fame to identify unique features and designs that could be used for Caledon's Hall, and look at possible sponsorship/partnerships to offset costs.

## **Staff Report 2018-13**

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Annual operating budget will be developed as part of the 2019 budget process to include the induction ceremony event costs and awards presented that evening. Strategic Initiatives will endeavor to offset these event costs with sponsorship or partnership revenue.

### **Memorializing Jerry Callahan**

Staff investigated the best way to memorialize Jerry Callahan for his outstanding contributions and volunteer work he provided to the Caledon sports community for so many years (Bolton Minor Hockey, Bolton Men's Slow-pitch League and Caledon Canadians Junior Hockey Team). Staff reviewed other Halls of Fame to investigate how they honoured those residents who have made substantial contributions to the sport community in their municipalities. After a fulsome review staff is recommending the following;

- Induct Jerry Callahan into the Caledon Sports Hall of Fame.
- Create Jerry Callahan Humanitarian Sports Award to be presented annually to amateur Caledon resident in sports – nominations submitted and the volunteer group review and select the successful recipient.

The Walk of Fame inductees that have made substantial contributions in athletics will also be inducted at the temporary Hall opening event.

### **Sports Hall of Fame Working Group**

The Caledon Sport Hall of Fame's working group will consist of seven volunteer members.

A request for volunteer will be made early in 2019 from the following groups;

- Minor Sports Affiliates
- Sports Advisory Panel
- Local Sports Community
- Town of Caledon Staff

The purpose of the working group will be the following;

- Develop working group structure
- Create nomination requirements and protocol
- Develop evaluation criteria and process
- Report as required

The working group will also define the three induction categories;

- Athlete
- Builder
- Team

## **Staff Report 2018-13**

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When Inductees have been selected, Council will receive a memo prior to induction ceremony notifying them of who has been selected.

Staff has consulted with community members who have shown an interest in the creation of a Caledon Sports Hall of Fame and will follow up if necessary.

### **Next Steps**

1. Complete the necessary temporary renovations
2. Plan the opening of the temporary Hall
3. Host opening event

### **Conclusion**

The Town of Caledon is committed to recognize, honor and celebrate Caledon athletes and volunteers who have contributed to sport in Caledon at the local, provincial, national and international levels. The Town believes that recognizing the accomplishments of these individuals, teams and builders, helps support pride that further engages the community. The creation of a permanent Sports Hall of Fame allows the Town to celebrate and memorialize these great achievements from Caledon residents.

### **FINANCIAL IMPLICATIONS**

Staff recommends that a new capital project be established in 2018 for the construction and design of the Caledon Sports Hall of Fame's temporary location. Staff anticipates the construction and design costs to be approximately \$10,000 and it is recommended to fund these costs from the Tax funded Capital Contingency Reserve. The current unaudited Tax Funded Capital Contingency Reserve Fund balance is \$2,849,601.

The budget for the permanent Hall of Fame will be determined through the construction design phase and all related costs will be submitted as part of the Caledon East Community Complex expansion project.

### **COUNCIL WORK PLAN**

Recreation – To establish and implement a collective community vision for the allocation of parks, facilities and recreation in the Town.

### **ATTACHMENTS**

None.

## **Staff Report 2018-20**

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Meeting Date: Tuesday, March 6, 2018

Subject: Municipal Election Compliance Audit Committee

Submitted By: Amanda Fusco, Deputy Clerk, Corporate Services

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### **RECOMMENDATION**

That a Municipal Election Compliance Audit Committee (MECAC) be established according to Section 88.37 (1) of the *Municipal Elections Act, 1996*, as amended;

That the Municipal Election Compliance Audit Committee Terms of Reference attached as Schedule A to Staff Report 2018-20 be approved;

That the Town Clerk or designate be delegated the authority to advertise for appointments, review applications, and conduct interviews;

That staff bring forward the required by-law including the recommendations for the appointment of members to the Municipal Elections Compliance Audit Committee; and

That staff advise the school boards that should they wish to utilize the services of the Town of Caledon's Municipal Elections Compliance Audit Committee, they will be subject to the Terms of the Municipal Elections Audit Compliance Committee and upon agreement by the Board, will incur all costs.

### **REPORT HIGHLIGHTS**

- Section 88.33 (1) of the *Municipal Elections Act*, as amended, (the Act) provides that an eligible elector in a municipal election may apply for a compliance audit if he or she believes on reasonable grounds that a candidate is in contravention of the Act relating to campaign finances.
- Section 88.37 (1) of the Act requires municipalities and school boards to establish a compliance audit committee prior to October 1<sup>st</sup> in a regular election year to consider requests for compliance audits.
- By-law 2010-070 established the Municipal Elections Compliance Audit Committee and Terms of Reference for the Town of Caledon.
- Due to changes to the Act and increased responsibilities of the Clerk and authority of the compliance audit committee, staff recommend changes to the Terms of Reference approved in 2010.
- It is recommended that By-law 2010-70 be repealed and the proposed Terms of Reference attached as Schedule A be approved.
- This report outlines the process for compliance audits, terms of reference for the compliance audit committee, and membership selection.

### **DISCUSSION**

The Act sets out the establishment, composition, term of office of the compliance audit committee as well as the role of the Clerk in administering the committee.

The compliance audit committee must be established by October 1<sup>st</sup> (s. 88.37 (1)) and must be composed of not fewer than three (3) and not more than seven members (7) and shall not include,

- (a) employees or officers of the municipality or local board;
- (b) members of the council or local board;
- (c) any persons who are candidates in the election for which the committee is established; or
- (d) any persons who are registered third parties in the municipality in the election for which the committee is established. (s. 88.37 (2))

The term of office of the committee is the same as the term of office of the council or local board that takes office following the next regular election. And the term of office of the members of the committee is the same as the term of the committee to which they have been appointed. (s. 88.37 (5))

The Act states that the Clerk shall establish administrative practices and procedures for the committee and shall carry out any other duties required under this Act to implement the committee's decisions. (s. 88.37 (6))

On May 18<sup>th</sup>, 2010 Council approved By-law 2010-070 being a by-law to establish the municipal election compliance audit committee. The Terms included in By-law 2010-070 were used to establish the compliance audit committee for both the 2010 and 2014 Municipal Elections. By enacting By-law 2010-070 Council had met its mandatory obligations pursuant to the Act. The compliance audit committee was not convened for the 2010 or 2014 Municipal Elections.

The Act was amended significantly by Bill 181, the *Municipal Elections Modernization Act* and Bill 68, *Modernizing Ontario's Municipal Legislation Act* and the provisions in the previous Terms approved by By-law are no longer sufficient. The amendments relating to the increased financial responsibility of the Clerk regarding reviewing financial statements and reporting to the compliance audit committee on any contraventions found could mean that there is an increased likelihood that the compliance audit committee is convened for the 2018 Municipal Election.

Additional provisions have been added to the legislation regarding the decisions of the compliance audit committee whereby the meetings of the compliance audit committee shall be open to the public, but the committee may deliberate in private (s.88.34 (9.1)) and the

decision of the committee and brief written reasons for the decision, must be given to the contributor and to the clerk of the municipality or the secretary of the local board (s. 88.34 (11)).

A new section was added to the Act regarding compliance audits of registered third parties (s. 88.35) following the same parameters set out for candidates and candidates for local boards.

In light of these changes and significant structural changes to the Act, the Terms set out in By-law 2010-070 are no longer sufficient. Staff have reviewed the Terms previously approved and revised them according to legislative amendments, and removed much of the procedural based content as it was duplicated in the Town's Procedural By-law.

Representatives from municipalities in the Region of Peel met in February 2018 to discuss the possibility of establishing a joint Municipal Election Compliance Audit Committee to be shared amongst the Town of Caledon, Cities of Brampton and Mississauga and the Region of Peel. Unfortunately due to timing and differences amongst the Cities regarding composition, honorarium and mileage rates, a joint compliance audit was not successful. However it was agreed that representatives work towards a joint compliance audit committee for the next Municipal Election.

Staff recommend that the Town Clerk or designate be delegated the authority to advertise for committee appointments, review applications, and conduct interviews. This practice was approved in 2010 and 2014 and ensures that the process and appointments are conducted in a fair, open and responsible manner. It removes any real or perceived conflict that members of Council may face when appointing members to the Committee in an election year.

Staff recommend that once the recruitment process has been conducted, the recommended appointments to the Committee be established by bringing forward the necessary appointment By-law for Council approval.

### **FINANCIAL IMPLICATIONS**

Pursuant to the Act all costs in relation to the Committee's operation and activities as well as the appointed auditors' costs of performing the audit, are the responsibility of the Town (s. 88.37 (7)).

The costs associated with operating and supporting the Committee depends on the number of audit requests that are received and granted by the Committee. For the past two elections, no compliance audits have been requested. It is therefore difficult to determine budget implications. Any requests for compliance audit for the 2018 municipal election will occur, be expensed and reported to Council in 2019.

**COUNCIL WORK PLAN**

This matter contained in this report is not relative to the Council Work Plan.

**ATTACHMENTS**

Schedule A – Municipal Election Compliance Audit Committee Terms of Reference

**SCHEDULE A to Staff Report 2018-20**

**TOWN OF CALEDON  
MUNICIPAL ELECTIONS COMPLIANCE AUDIT COMMITTEE TERMS OF REFERENCE**

In accordance with the *Municipal Elections Act, 1996*, as amended (“the Act”), the Town of Caledon is required to have a Municipal Election Compliance Audit Committee to consider compliance audit applications with regards to candidate, registered third party or local board financial statements filed under Section 88.33 of the Act.

The Terms of Reference have been established by the Clerk, and approved by the Council of the Town of Caledon ensuring that the duties and responsibilities of the compliance audit committee are fulfilled in a fair, open and responsible manner, in accordance with Section 88.33(4). The Terms of Reference for the Municipal Election Compliance Audit Committee may be amended by the Clerk as required.

**1. Enabling Legislation**

Section 88.37(1) of the MEA requires that before October 1<sup>st</sup> in an election year, a Council or local board shall establish a compliance audit committee for the purposes of Section 88.37 to a possible contravention of the Act’s election campaign finance provisions.

**2. Definitions**

As used in this procedure, the following terms shall have the meanings indicated:

- a) **Act** shall mean the *Municipal Elections Act, S.O. 1996*.
- b) **Applicant** shall mean an Elector who makes an application pursuant to s.88.33 of the *Municipal Elections Act, 1996*.
- c) **Application** shall mean an application properly completed and submitted to the Clerk pursuant to s. 88.33(2) of the *Municipal Elections Act, 1996*.
- d) **Auditor** means a person appointed by the Committee, licensed under the Public Accounting Act, 2004, to conduct a compliance audit of a candidate or Registered Third Party financial statements.
- e) **Candidate** shall mean the Candidate whose election campaign finances are the subject of an application for a compliance audit.
- f) **Chair** shall mean the Member selected by the Members of the Compliance Audit to preside over its meetings.
- g) **Clerk** shall mean the Municipal Clerk or their authorized designate.

- h) **Committee** shall mean the compliance audit committee established by the Town of Caledon.
- i) **Elector** shall mean a person eligible to vote in the municipal election of the Town of Caledon in accordance with the *Municipal Elections Act, 1996*.
- j) **Member** shall mean a person appointed to the Compliance Audit Committee.
- k) **Procedures** shall mean procedures for the conduct of Compliance Audit Committee meetings as prescribed by the Town of Caledon Procedural By-law.
- l) **School Board** means the Peel District School Board and the Dufferin-Peel Catholic District School Board.
- m) **School Board Trustee** means a member of the Peel District School Board and the Dufferin-Peel Catholic District School Board.
- n) **Third Party Advertiser** means a Registered Third Party Advertiser whose election campaign finances are the subject of an application for a compliance audit.

### **3. Mandate**

The Municipal Election Compliance Audit Committee (Committee) has the full authority provided by Sections 88.33 to 88.37 of the Act to address applications requesting an audit of a candidate's, third party advertiser's or school board trustee's election campaign finances and to consider reports from the clerk citing apparent instances of over-contribution to municipal campaigns. As per the Act, this authority includes but is not limited to the following:

- Review applications for a compliance audit and grant or reject audit requests within thirty (30) days of receipt;
- Where an audit is granted, appoint an auditor and review the audit report;
- Following the audit, decide whether legal proceedings shall be commenced;
- Within 30 days after receiving report(s) from the Clerk under Sections 88.34 and 88.36 (dealing with apparent campaign contribution in excess of permitted limits), the Compliance Audit Committee shall meet to consider the report(s) and decide whether to commence a legal proceeding against a contributor for an apparent contravention, if applicable.

The mandate of the Committee will be considered complete at the end of each four year term of Council, at which time a successor Committee shall be appointed by By-law.

**4. Qualifications**

Appointed members shall have the following qualifications:

- a) be at least 18 years of age;
- b) a Canadian Citizen;
- c) have a financial or legal background and experience;
- d) previous experience on a committee, task force or tribunal would be an asset.

The following individuals will be excluded from membership to the committee:

- a) employees or officers of the Town of Caledon or a school board;
- b) members of Town of Caledon Council;
- c) any persons who are candidates in the election for which the committee is established or family members or employees of same, or any person connected to a candidate through an employment, contractual, business or partnership relationship;
- d) any persons who are registered third party advertisers in the election for which the committee is established or family members of employees of same, or any person connected to a third party advertiser through an employment, contractual, business or partnership relationship;
- e) any persons who are a contributor or provider of any election-related services to a registered candidate or third party advertiser in the election for which the committee is established including but not limited to accounting, legal, auditing, marketing or campaign services.
- f) any person who is or intends to volunteer or seek employment to assist any candidate in the election for which the committee is established; or
- g) a current elected member of a municipal council, or of a provincial or federal legislature.

**5. Membership Composition**

The Committee will be composed of three (3) members with representation drawn from the following stakeholder groups:

- a) Accounting and audit – accountants or auditors with experience in preparing or auditing the financial statements of municipal candidates or third party advertisers;
- b) Academia – college or university professors with expertise in political science or local government administration;
- c) Legal;
- d) Professionals who in the course of their duties are required to adhere to codes or standards of their profession which may be enforced by disciplinary tribunals; and
- e) Other individuals with knowledge of the campaign financing rules of the Act.

### **6. Membership Selection**

All applicants will be required to submit a completed application form outlining their qualifications and experience.

Staff will meet to review all applications based upon the approved selection criteria to determine the members to be appointed to the Committee.

### **7. Term of Membership**

The Committee shall be established before October 1<sup>st</sup>, 2018. The term of the Committee is the same as the term of office for Council.

### **8. Chair**

The Committee members will select a Chair from amongst its members at its first meeting and the Chair may rotate on an annual basis or as deemed necessary by the Committee members. The Chair's main role is to facilitate meetings.

### **9. Meeting Procedures**

Committee meetings will be conducted in accordance with the open meeting provisions of the *Municipal Act* and the administrative practices and procedures developed by the Clerk.

### **10. Meetings**

The Committee shall meet as required to process an application for a compliance audit that has been filed in accordance with the Act to the Town Clerk.

A meeting of the committee shall be open to the public and shall be held within 30 days of the Committee receiving a report from the Clerk under Section 88.34 and 88.36 of the Act, in order to consider the report which will note apparent instances of over-contribution to municipal campaigns. Additional meetings may be called.

The date and time of the meetings will be determined by the Town Clerk and communicated directly to the Committee members. All time frames outlined in the Act regulations will be followed.

Administrative support including the preparation/distribution of meeting materials shall be provided by the Town Clerk or designate. Minutes of each meeting shall outline the general deliberations and specific actions and recommendations that result.

Notices, agendas and minutes will be published on the Town website and made available in alternate formats upon request.

### **11. Closed Meetings**

The Committee may, upon affirmative vote of the majority of its members present at a meeting, determine to hold any meeting or part of a meeting as a closed session in order to deliberate in accordance with Section 88.33 (5.1) of the Act.

### **12. Remuneration**

Committee members will receive remuneration on a per diem basis in the amount of \$200 for attendance at a meeting.

### **13. Conflict of Interest**

Legislated requirements as set out in the Municipal Conflict of Interest Act shall apply to all Committee members. It is the responsibility of each member to disclose any pecuniary interest prior to discussion of a particular matter.

In order to avoid possible conflicts of interest, an auditor or accountant appointed to the Committee shall not audit or prepare any financial statements of any candidate running for office in the Town of Caledon. Any auditor or accountant appointed to the Committee will be required to declare in writing, not to undertake the audits or preparation of any financial statements of any candidates running for office in the Town of Caledon.

### **14. Auditor Selection**

If the Committee grants an application, it shall appoint an auditor to conduct a compliance audit of the candidate's or third party advertiser's election campaign finances. The selection of the Auditor shall be in accordance with the Town's Procurement Policy.

### **15. School Board use of Compliance Audit Committee Services**

The services of the compliance audit committee may be used should an audit application of a School Board Trustee be received, by either the Peel District School or the Dufferin-Peel Catholic District School Board. If the School Board(s) utilize the services of the compliance audit committee, they agree to bear all costs associated with the applicable application.

### **16. Costs**

The Town of Caledon is responsible for the following costs:

- General costs associated with the Committee's operations and activities;
- The cost of the Auditor for any audit that takes place; and
- The cost of external legal counsel for the Committee (if necessary).

## **Staff Report 2018-14**

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Meeting Date: Tuesday, March 6, 2018

Subject: Minor Updates to the Sign By-law

Submitted By: Laura Hall, Manager, Regulatory Services, Corporate Services

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### **RECOMMENDATION**

That Sign By-law 2017-54 be amended as set out in Schedule A to Staff Report 2018-14.

### **REPORT HIGHLIGHTS**

- Town Council enacted a new Sign By-law in 2017 and through the implementation stage of the By-law technical issues were recognized that did not align with the provisions that were presented to Council at a meeting on June 6, 2017.
- Staff is recommending minor amendments to the Mobile Sign and Community Event Sign sections of the By-law to address the discrepancy and to capture additional needs of the community with respect to advertising for local sports groups and community agencies.
- Town staff is working with the Region and area municipalities as partners on a Community Signage Approval Working Group to address inconsistencies with signage approvals on public owned lands (such as right of way areas). This initiative is intended to streamline process for clients requesting signage placement on these areas, while maintaining public safety requirements and in support of community guidelines and standards.

### **DISCUSSION**

The purpose of this report is to:

1. propose minor amendments to address technical discrepancies between the provisions that were presented to Council on June 6, 2017 and what was captured in the final version of the By-law; and
2. to provide information regarding a new joint initiative between the Region and area municipalities regarding community signage on public lands.

In 2017 Council enacted a new Sign By-law including new regulations regarding the placement of signs within the Town. Through the implementation of the new By-law, staff discovered three minor technical issues that need to be addressed to reflect what was originally presented. In addition, staff is also seeking to expand the signage options pursuant to Special Event Signs to allow for a limited number of larger signs. Through the implementation process, staff has discovered that a variety of local sports groups and other community agencies have a preference for the placement of slightly larger signs to advertise their events.

### **Proposed Changes**

The four changes proposed are as follows (refer to Schedule A for a full copy of the amendments):

1. **Mobile Signs** - the amount of mobile signs placed on a property should be a maximum of two (2) at all times – this was originally reflected in the original proposal but not captured in the By-law.
2. **Special Event Signs** – an added option to place up to five (5) 4ft by 4ft signs on public lands based on approval by the Town Designate – this will allow at least one larger sign to be placed in every Ward for each special event where the applicant is affiliated with the Town (i.e. not-for-profit sports groups, etc.). This option is in addition to the use of thirty (30) 2ft by 2ft signs.
3. **Permit Requirements** – clarification on the requirement of a public authority to obtain a permit from the Town for the placement of a permanent sign.
4. **Schedule A** – clarification of the footnote with respect to provisions within the By-law.

These amendments will assist in the implementation of the new Sign By-law specifically with respect to mobile signs and community event signs and address a few unanticipated needs within the community.

### **Region of Peel Community Signage Approvals Working Group**

The Region of Peel has developed a Community Signage Approvals Working Group that includes representation from all area municipalities within the Region. The purpose of the group is to streamline service delivery and work together to provide consistent policies and procedures. One key task the group is seeking support on to minimize duplication of services for mobile message boards, banners and wayfinding signs within right of way areas through the development of policy and procedural reviews. The intent of this project is to standardize approvals for efficient service delivery to clients, while still maintaining public safety and supporting community guidelines.

### **FINANCIAL IMPLICATIONS**

There are no immediate financial implications associated with this Report.

### **COUNCIL WORK PLAN**

Customer Service - To adopt an innovative approach that adapts to the changing needs and expectations of our community while supporting best practices

### **ATTACHMENTS**

Schedule A – Proposed Amendments to Sign By-law 2017-54

**Schedule A to Staff Report 2018-14**  
**Proposed Amendments to Sign By-law 2017-54**

1. Sections 4.2, subsection (a) and (d) is proposed to reflect as follows:

- (a) A sign permit shall not be issued to place or alter a sign unless an application for a permit has been submitted as required by this by-law, and the sign is in conformity with
  - (i) the Ontario Building Code,
  - (ii) **this by-law, where the applicant is not a public authority, and**
  - (iii) all other applicable laws and by-laws regulating signs;
- (d) neither the granting of a permit, nor the review of the plans and specifications, nor inspections made by the Town, shall in any way relieve the owner or any other person who is not a *public authority* from complying with any requirements set out in this by-law, nor from carrying out any work required pursuant to this by-law or requirements herein.

2. Section 7.1, subsection (c) is proposed to reflect as follows:

*Proposed Amendment – additional wording is bolded and underlined:*

- (c) not more than one *mobile sign* shall be placed on a lot at any one time, except:
  - (i) on lots, other than *corner lots*, with a lot frontage greater than 100m; or
  - (ii) on *corner lots* with a lot frontage of more than 20m;
  - (iii) for lots where more than one *mobile sign* is permitted, there shall be a **maximum of two (2) mobile signs with a** minimum distance of 30m between each *mobile sign*;

3. Section 7.3, subsection (v) is proposed to reflect as follows:

*Proposed Amendment – switch the placement of 1.5m and 3.4m<sup>2</sup>:*

- (v) the *real estate sign area* shall not exceed 1.5m, except that for any lot not situated within a defined *settlement area*, and having a lot frontage of 50m or greater, the *real estate sign area* shall not exceed 3.4m<sup>2</sup>;

4. Section 7.6, subsection (a) is proposed to reflect as follows:

*Proposed Amendment – additional wording is bolded and underlined:*

- (a) *signs* advertising a *special event*:
  - (i) shall not include commercial advertising except to identify sponsors of the event;
  - (ii) shall be limited to thirty (30) *signs* per *special event* not exceeding 0.55m<sup>2</sup> per *sign* face area;
  - (iii) **shall be limited to five (5) signs per special event for applicants affiliated with the Town not exceeding 4ft by 4ft per sign and shall be placed on public lands approved by the Town Designate;**
  - (iv) shall have a maximum of two (2) faces;
  - (v) shall not obstruct *vehicle* or pedestrian sightlines;
  - (vi) shall be kept at least 2 m away from the sidewalk or any curb;
  - (vii) shall not be placed prior to three (3) weeks before the event and shall be removed four days after the last day of the event unless approved otherwise by the *Town Designate*;
- (b) the *Town Designate* may at any time remove *special event signs* that are not in compliance with the provisions of this by-law;
- (c) the organizer of a *special event* shall ensure that a minimum of \$3,000,000.00 of valid comprehensive general insurance is in effect showing the *Town and/or Region of Peel* has been named as an additional insured if the *special event sign* is to be located on **public** lands; and
- (d) the *Town Designate* may at any time request proof of insurance as indicated under Subsection 7.6(c).

5. Schedule A footnote is proposed to be removed and replaced to reflect as follows:

**\* Nothing contained in this Schedule “A” shall in any way relieve the applicant and/or licensee from compliance with the requirements of Section 4.8 and Part 6 of this By-law.**



Accessibility Advisory Committee Report  
Thursday, February 15, 2018  
6:15 p.m.  
Committee Room, Town Hall

Members

Chair: M. Tymkow  
Vice-Chair: D. Farrace  
Councillor B. Shaughnessy  
R. Cowan  
F. Lucchetta (absent)  
D. St. Clair

Town Staff

Legislative Specialist: W. Sutherland  
Coordinator, Council Committee: D. Lobo

**CALL TO ORDER**

Chair M. Tymkow called the meeting to order at 6:18 p.m.

**DECLARATION OF PECUNIARY INTEREST** – none.

**RECEIPT OF MINUTES**

The minutes of the January 18, 2018 Accessibility Advisory Committee meeting were received.

**REGULAR BUSINESS**

1. Park Bench Placements

Katie Sawyers, Adult 55+ Administrator, Community Services provided an overview of the Adult 55+ Strategic Plan, priorities for bench placements and the project timeline. She requested feedback from the Committee regarding suggested park bench locations.

Members of the Committee noted a number of locations in Caledon that could benefit from benches.

2. Town Website Design

Tony Maxwell, Communications Advisor, Strategic Initiatives provided an overview of the Town's web platforms. He outlined popular web pages on the Town's website and the goals for the website update which include: mobile, accessible, searchable, service-oriented and streamlined. Mr. Maxwell provided examples of best practices in website design. He expressed interest in having the Committee test website accessibility in the future.

Members of the Committee asked questions regarding eNews, goals, online forms, website content updates, text and visuals, search functionality, internet speed requirement and the user experience. Members of the Committee received responses from the presenter and staff.

**With general consensus from the Committee, the Chair altered the order of the agenda to move Business Award Design to be the last Regular Business Item.**

3. Site Plan Review re: SPA 2016-42 – 9023 5<sup>th</sup> Sideroad – Villalago Residences (proposing to construct 116 residential units including a mix of townhouse units and semi-detached units)

The Committee reviewed the site plan and confirmed the following recommendation:

- 1) The Town will require as a condition of draft approval, that prior to offering units for sale and in a place readily available to the public, the owner will display information regarding universal design options that may be available for purchase within the development prior to offering units for sale.
  - 2) Site Plan shall illustrate that all sidewalks will be connected when crossing over to another street with accessible features such as curb ramps and tactile surfaces as per the Integrated Accessibility Standards Regulations of the AODA.
  - 3) The amenity space play area shall have a ground surface that is firm, stable and has impact attenuating properties for injury prevention and sufficient clearance to provide children and caregivers with various disabilities the ability to move through, in and around the outdoor play space.
  - 4) Accessibility features shall be incorporated into the design of the play structure, such as sensory and active play components for children and caregivers with various disabilities.
  - 4) The proposed decorative paved pathway within the amenity space shall be a minimum of 1.5 m wide throughout.
  - 5) Site Plan shall demonstrate the accessible parking space(s) comply with By-law 2015-058.
  - 6) Please consider re-locating one of the accessible parking spaces to the visitor parking area on Addison Lane numbered 11 - 18.
4. Business Award Design
- W. Sutherland, Legislative Specialist, Corporate Services provided an update with respect to the design of the business award. Design submissions were received, reviewed and the Committee selected 3 finalists. The finalists will be invited to attend a future meeting where the final design will be selected.

## **ADJOURNMENT**

On a motion by Chair M. Tymkow, the meeting adjourned at 8:16 p.m.

# Memorandum

Date: Tuesday, March 6, 2018

To: Members of Council

From: Sandra Sharpe, Executive Assistant to the Mayor, Corporate Services

Subject: Strengthening Organizational Diversity, Equity and Inclusion (DEI)

## **Strengthening Organizational Diversity, Equity and Inclusion (DEI)**

The purpose of this memo is to provide Council with an update from the Town's participation at the Regional Diversity Roundtable (RDR), Building DEI in Leadership Program. And additionally to share with Council the new practice of recognizing and honouring Caledon's indigenous heritage and treaty lands.

The RDR, Building DEI in Leadership Program was funded through the Ministry of Citizenship and Immigration and held in each Region in the Greater Golden Horseshoe area. It was developed to increase the capacity of organizational leaders in the non-profit sector to identify and address issues of DEI in their organizations. The program, delivered in four half day sessions, explored the values and key competencies of DEI, its complexity and strategies to move organizations from paper into practice. The overarching collective goal is to work towards achieving the vision of an inclusive Peel Region by embracing and embodying the principles of DEI and the vision of the Diversity and Inclusion Charter of Peel.

Through a self-assessment tool Caledon was able to identify areas of strengths and opportunities to improve with regards to our organizational diversity, equity and inclusion. It's important to note that this information has been shared as a resource with the Executive Director of Human Resources as some of it relates to Human Resources Policy.

One specific area identified as an opportunity to improve was the development of a Territorial Acknowledgment and guidelines around its use and practice and ways to create community awareness around Caledon's Indigenous Heritage. This is an emerging practice in all levels of government in the spirit of the work under the Truth and Reconciliation Commission and the Political Accord signed with the Chiefs of Ontario in August 2015 to guide the relationship between the Province and our First Peoples.

## **Developing Town of Caledon Territorial Acknowledgment**

Earlier this year, Town staff met with Members of the Mississaugas of the New Credit to review the Territorial Acknowledgment drafted for the 2017 "Treaties Recognition Week" and to begin a dialogue around building a deeper awareness of our Indigenous Heritage. The Town of Caledon Territorial Acknowledgment was developed as a statement to be used at the beginning of official events.

## Use of Acknowledgment

The acknowledgment may be used by the Mayor or Acting Mayor at the start of public meetings of Council and at civic celebrations and official events, as deemed appropriate, that are either hosted and/or supported by the Town. The acknowledgment may be printed, spoken and projected. It will be posted on the Town's website along with context and historical background.

This practice is intended to honour the First People's in our community.

*As we gather, we are reminded that the Town of Caledon is part of the Treaty Lands and Territory of the Mississaugas of the New Credit.*

*The Town of Caledon and the Region of Peel – the traditional territory of the **A-nish-in-abek** (Ojibway), **Huron-Wendat**, **Haud-en-osa-nee** (Iroquois), and home to the Métis, was most recently, the territory of the Mississaugas of the New Credit First Nation.*

*On this day our meeting place is home to many Indigenous peoples (i.e. First Nations, Métis and Inuit) from across Turtle Island (North America).*

*We are grateful to have the opportunity to work on this land, and by doing so, we give our respect to its first inhabitants.*

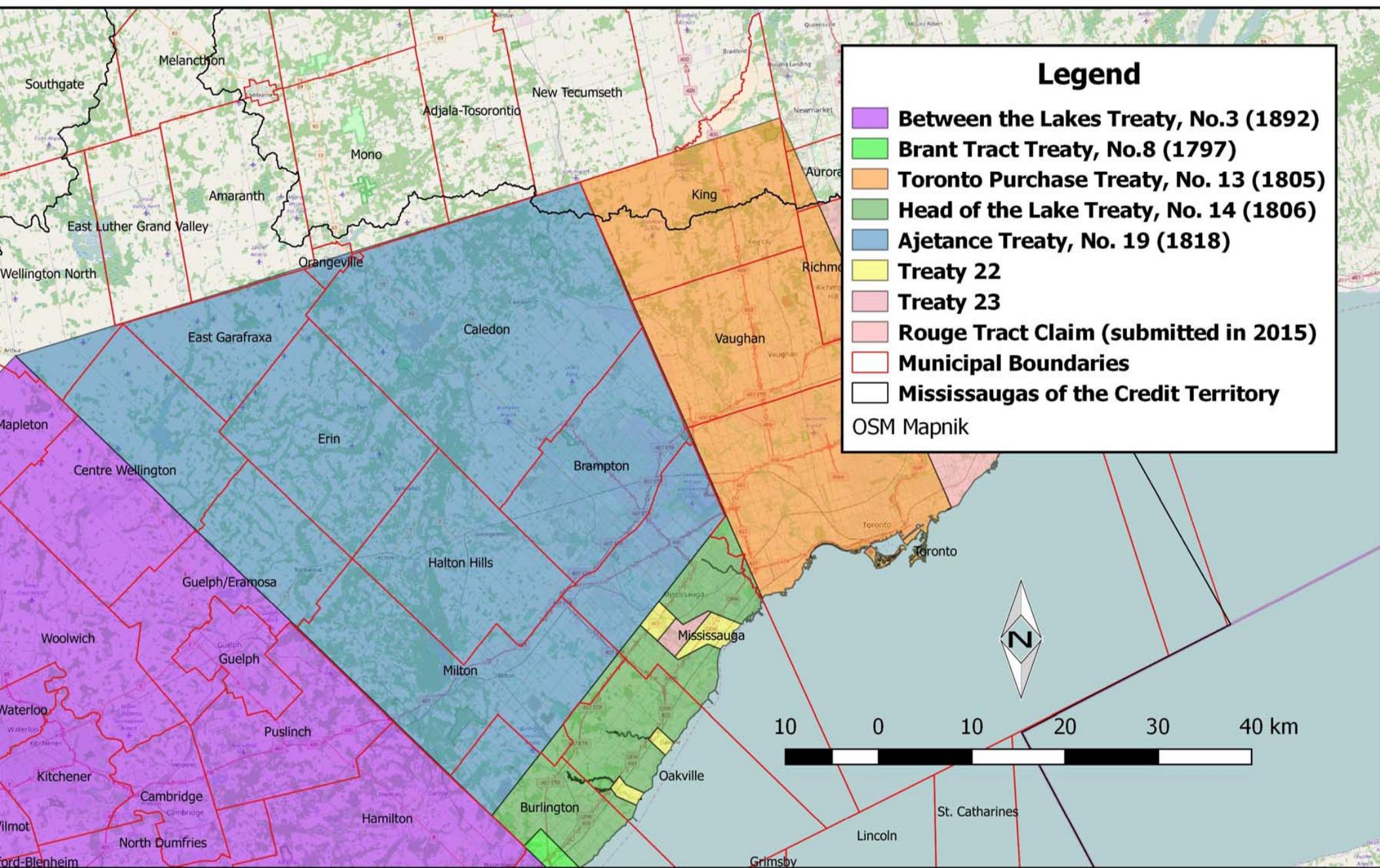
This acknowledgment and the Town's efforts to raise awareness about our Indigenous Heritage comes at a significant time in our history as this year, marks the 200<sup>th</sup> anniversary of the Ajetance Treaty (1818), which encompasses the Town of Caledon.

## Looking ahead

Staff will continue to look for opportunities to strengthen our organizational DEI through the support and promotion of events and campaigns that celebrate diversity and promote healthy inclusive communities.

## Attachments

Schedule "A" - Municipal boundaries related to the Ajetance Treaty, No. 19 (1818)



**Municipal Boundaries Related to the Ajetance Treaty, No. 19 (1818)**

# Memorandum

Date: Tuesday, March 6, 2018

To: Members of Council

From: Venus Garnett, Financial Analyst, Finance and Infrastructure Services

Subject: 2017 Statement of Remuneration and Expenses

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Section 284 of the *Municipal Act, 2001*, requires the Treasurer of a municipality to submit to the council of the municipality in each year on or before March 31, a statement of the remuneration and expenses paid to each member of Council in respect of their services as a member of Council. The 2017 statement of Mayor and Council Remuneration and Expenses will also be posted on the Town's website by March 31, 2018.

The Town of Caledon provides a salary and expense reimbursement to Members of Council for reasonable and permitted expenses incurred while carrying out their respective roles and responsibilities. Schedule A of this memorandum provides a breakdown of the classification and amounts of expenses incurred by the Mayor and each Councillor from January 1, 2017 to December 31, 2017. Schedule B lists the total 2017 Remuneration and Expenses paid to the Mayor and Members of Council as well as any other remuneration and expenses paid to Mayor and Members of Council as a result of appointment to a local board. The disclosure provided in the above reference appendices is in accordance with Section 284 of the *Municipal Act, 2001*.

Funds are provided in the Town's operating budget under the Mayor and Members of Council's respective budgets.

Individual expenses shown in Schedule A include allowable business expenses as per Town policies. Mayor and Council business expenses are budgeted annually. Schedule A shows an annual surplus of \$1,867.14 which will be incorporated into the Town of Caledon's 2017 year end results.

## ATTACHMENTS

Schedule A – 2017 Mayor and Council Expenses

Schedule B – 2017 Statement of Council Remuneration and Expenses

Schedule A: 2017 Mayor and Council Expenses

Town of Caledon  
2017 January - December Council Expenses

Account Description	Thompson, Allan	Shaughnessy, Barbara	Beffort, Doug	Downey, Johanna	McClure, Gord	Innis, Jennifer	DeBoer, Nick	Groves, Annette	Mezzapelli, Rob	Total Jan-Dec Actuals	Total 2017 Budget	Total 2017 Budget Remaining
	Mayor	Regional Councillor, Ward I	Area Councillor, Ward I	Regional Councillor, Ward II	Area Councillor, Ward II	Regional Councillor, Ward III & IV	Area Councillor, Ward III & IV	Regional Councillor, Ward V	Area Councillor, Ward V			
January - December 2017												
Office Supplies / Newsletters / Printing *	\$ 6,593.36	\$ 500.00	\$ 120.91	\$ 200.99	\$ -	\$ 284.27	\$ -	\$ 381.60	\$ 208.73	\$ 8,289.86	\$ 10,500.00	\$ 2,210.14
Training, Development, Seminars	\$ 4,408.79	\$ 2,633.25	\$ -	\$ 1,450.66	\$ 1,058.28	\$ 1,950.02	\$ -	\$ -	\$ -	\$ 11,501.00	\$ 12,000.00	\$ 499.00
Mobile Phones	\$ 1,885.44	\$ 631.32	\$ 2,233.54	\$ 811.20	\$ 251.13	\$ 1,051.20	\$ 354.47	\$ 492.30	\$ 631.40	\$ 8,342.00	\$ 6,500.00	\$ (1,842.00)
Acting Mayor	-	-	-	-	-	-	-	-	-	-	\$ 1,000.00	\$ 1,000.00
Subtotal of Expenses	\$ 12,887.59	\$ 3,764.57	\$ 2,354.45	\$ 2,462.85	\$ 1,309.41	\$ 3,285.49	\$ 354.47	\$ 873.90	\$ 840.13	\$ 28,132.86	\$ 30,000.00	\$ 1,867.14

\* In accordance with Staff Report CS-2015-062, all Councillors are allocated a corporate budget of \$500 for newsletters, printing & office supplies. Further, an additional \$6,000 was allocated to the Office of the Mayor for newsletters and printing related to expenditures such as Advertising, Newsletters, Flyers and Postage.

### Schedule B: 2017 Statement of Council Remuneration and Expenses

Member of Council	Salary	Statutory Benefit Costs (CPP and EHT)	Pension Costs (OMERS)	Other Benefit Costs *	Expenses	Other Remuneration **	Other Expenses **	TOTAL
	\$	\$	\$	\$	\$	\$	\$	\$
Thompson, Allan Mayor	84,659.40	3,668.57	5,287.83	5,996.34	12,887.59	300.00	662.66	113,462.38
Shaughnessy, Barbara Regional Councillor, Ward I	35,977.95	1,496.98	2,183.32	5,593.18	3,764.57			49,015.99
Beffort, Doug Area Councillor, Ward I	36,683.40	478.57	-	5,436.37	2,354.45			44,952.79
Downey, Johanna Regional Councillor, Ward II	36,683.40	1,529.43	2,225.59	5,593.18	2,462.85			48,494.45
McClure, Gord Area Councillor, Ward II	36,683.40	478.57	2,179.96	3,108.82	1,309.41			43,760.16
Innis, Jennifer Regional Councillor, Ward III & IV	36,683.40	1,529.43	2,225.59	5,593.18	3,285.49			49,317.09
deBoer, Nick Area Councillor, Wards III & IV	36,683.40	1,529.43	2,225.59	5,593.18	354.47			46,386.06
Groves, Annette Regional Councillor, Ward V	36,683.40	1,529.43	2,225.59	5,593.18	873.90			46,905.50
Mezzapelli, Rob Area Councillor, Ward V	36,683.40	1,529.43	2,225.59	5,593.18	840.13			46,871.73
Acting Mayor	-	-	-	-	-			-
<b>Totals</b>	<b>377,421.15</b>	<b>13,769.85</b>	<b>20,779.06</b>	<b>48,100.58</b>	<b>28,132.86</b>	<b>300.00</b>	<b>662.66</b>	<b>489,166.16</b>

\* Other Benefits include employer portions of Health & Dental and Group Life and Accidental Death & Dismemberment Insurance

\*\* Other Remuneration and Expenses for Mayor Thompson relate to an honorarium and expenses provided as a 2017 member of the Rural Ontario Municipal Association(ROMA) Board

# Memorandum

Date: Tuesday, March 6, 2018

To: Members of Council

From: Darryl Bailey, Fire Chief, Community Services

Subject: Update Fire and Emergency Services Medical Directives - Symptom Assist Program (Naloxone/Narcan)

The purpose of this memo is to provide Council an update on the implementation of a Suspected Opioid Overdose Program for Fire and Emergency Services personnel. The program includes the training and use of Naloxone (Narcan), a safe and easy-to-use medication that blocks the effects of opioids and reverses an overdose.

The Suspected Opioid Overdose Program is approved under the direction of our Medical Director and is an addendum to the Caledon Fire and Emergency Services Medical Directives (CFES) - Symptom Assist Program.

The term Suspected Opioid Overdose is used due to the fact that the drug causing the overdose cannot be determined until tested by the Health Canada Laboratory; which can take several months.

## **Program Details**

Patient care that will be provided by CFES personnel for all drug overdoses will consist of a thorough primary assessment of the patient, followed by appropriate Airway Management and Assisted Ventilations.

Once patient care has been initiated, the patient will then be further assessed to see if they meet the Suspected Opioid Overdose Protocol which would include the use of Naloxone.

Maintaining the patient's Circulation, Airway and Breathing (CAB's) will be the primary focus of patient care management.

- As part of Ontario's Provincial Strategy to Prevent Opioid Addiction and Overdose, the government has invested in expanding access to naloxone to help prevent opioid overdose deaths.
- In December 2017, the Province announced that it will fund naloxone kits for all interested police and fire services across the province. Noting that the primary program intent is for use in the community to prevent opioid overdoses, where trained police and/or fire personnel can administer naloxone in suspected opioid overdoses.

- It is recognized that first responders may be exposed to opioids during operational situations such as overdose calls and other first responder duties. Through this program, they will be trained and have access to naloxone.
- As of March 12, 2018 all Caledon fire vehicles will carry nasal for use by trained fire personnel to treat patients. Training for staff is almost completed and supplies have already been purchased as part of the 2018 Operating Budget.
- The naloxone kits will be obtained via the local public health unit (Region of Peel-Public Health), as part of the existing Ontario Naloxone Program.
- Caledon Fire will be responsible for staff training and education which will include training on recognizing an opioid overdose and administration of naloxone.
- As part of the program, the Ministry of Health and Long-term Care requires quarterly reporting to Public Health related to number of doses of naloxone administered and whether it was administered to a community member in a suspected overdose or a first responder due to accidental exposure.

## **Background**

### **Opioids and Opioid Overdose**

- There has been a steady increase in the rate of opioid-related overdoses and deaths in Canada and Ontario. This has been driven by over two decades of increasing use of prescribed opioids for the treatment of pain, and compounded by the emergence of highly potent illicit opioids, such as illicit fentanyl.
- Opioids are a class of naturally-occurring and synthetic drugs including morphine, codeine, hydromorphone, oxycodone (OxyContin), fentanyl and heroin. Most often opioids are used as pain relievers.
- Fentanyl is a potent, synthetic opioid pain reliever and is up to 100 times more potent than morphine. There have been numerous fatal and non-fatal overdoses associated with fentanyl reported across Canada. The fentanyl in most of these cases is illicitly produced. It has also been found cut into other street drugs, including heroin. Based on available data, in Peel, fentanyl has been detected in a high proportion of opioid overdose deaths (39% of 2016 overdose deaths)<sup>1</sup>.
- Carfentanil is an analog of fentanyl, and may be up to 100 times more potent than fentanyl. Used as a large-animal tranquilizer, there have been cases reported in Canada where carfentanil has been found cut into drugs such as heroin, leading to numerous overdoses.
- Opioid overdose can cause decreased consciousness, respiratory depression, and death.

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<sup>1</sup> Peel Public Health. Opioids in Peel: A Profile of Opioid Use and Related Harms, 2017.

## Opioid Use and Harms

- Prescribing rates for opioids in Peel are high, consistent with provincial prescribing rates. Data on illicit opioid use in Peel is limited.
- Available data on opioid-related emergency department (ED) visits and deaths provide some indication of the extent of the opioid issue in Peel. In general, Peel's ED visit and mortality rates are below the Ontario average, but have increased in a similar way over time.
- Peel's opioid-related ED visit rate has increased steadily since 2013, with a 35% increase over the past five years. There were 253 ED visits in 2016<sup>2</sup> and 211 between January and June of 2017<sup>3</sup>.
- Peel's opioid-related mortality rate more than doubled between 2013 and 2015 from 21 deaths in 2013 to 53 in 2015<sup>4</sup>. In 2016 there were 46 deaths<sup>5</sup> and available data for 2017 indicates that the increasing trend in the mortality rate is continuing.<sup>56</sup>

## Naloxone

- Naloxone is a temporary antidote for opioid overdoses, including those caused by fentanyl. When properly administered, it can restore normal breathing and consciousness to patients experiencing an opioid overdose.
- Because the depression of breathing caused by opioids can last longer than the action of Naloxone, further treatment in hospital may be required. Naloxone is available in both nasal spray and intramuscular injection kits.
- Take-home naloxone kits (injectable form) are available free of charge to anyone with a valid OHIP card through select pharmacies in Peel Region. Peel Public Health's Peel Works Needle Exchange Program distributes free naloxone kits (nasal spray) to clients and their families and friends and select Peel community organizations will also soon be distributing to clients.
- Naloxone will not work in all overdose situations (i.e., drugs other than opioids) and it will not work in cardiac arrest. Prompt recognition, early and effective basic life support, and calling 911 remain the primary intervention in all potential overdoses or related medical emergencies.

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<sup>2</sup> Ibid

<sup>3</sup> Ontario Agency for Health Protection and Promotion (Public Health Ontario). Interactive Opioid Tool. Toronto, ON: Queen's Printer for Ontario; 2017. Available from:

<http://www.publichealthontario.ca/en/DataAndAnalytics/Opioids/Opioids.aspx>

<sup>4</sup> Peel Public Health. Opioids in Peel: A Profile of Opioid Use and Related Harms, 2017.

<sup>5</sup> Ibid.<sup>6</sup> Ontario Agency for Health Protection and Promotion (Public Health Ontario). Interactive Opioid Tool. Toronto, ON: Queen's Printer for Ontario; 2017. Available from:

<http://www.publichealthontario.ca/en/DataAndAnalytics/Opioids/Opioids.aspx>

<sup>6</sup> Ontario Agency for Health Protection and Promotion (Public Health Ontario). Interactive Opioid Tool. Toronto, ON: Queen's Printer for Ontario; 2017. Available from:

<http://www.publichealthontario.ca/en/DataAndAnalytics/Opioids/Opioids.aspx>

## First Responders

- First responders - paramedics, police and firefighters – are all trained and prepared to respond in emergency situations. Currently in Peel, Peel Paramedics carry naloxone for treatment of suspected opioid overdoses. Between August, 2017 and January, 2018, Peel paramedics responded to 123 calls where naloxone was administered<sup>7</sup>. The majority of the calls have been in Brampton and Mississauga.
- Peel Regional and Ontario Provincial Police Officers are also equipped with naloxone kits.
- Brampton and Mississauga Fire are also implementing naloxone programs.

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<sup>7</sup> Peel Region Paramedic Service – IMedic, Electronic Ambulance Call Report. Data extract on February 12, 2018.

# Memorandum

Date: Tuesday, March 6, 2018

To: Members of Council

From: Erin Britnell, Senior Analyst, Strategic Initiatives

Subject: Rural Ontario Municipal Association Conference: Government Relations Update

From January 21-23, 2018 the Rural Ontario Municipal Association Conference occurred in Toronto. As part of this conference, municipalities can request delegations with specific Ministries as well as representatives of the opposition parties to present issues and challenges that require provincial support.

The Caledon delegation of Mayor Thompson, Councillor Innis and CAO Mike Galloway were granted delegations with the Ministry of Municipal Affairs, the Ministry of Natural Resources, the Ministry of Housing, as well as the Progressive Conservative (PC) Caucus and Green Party. This memo is to provide members of council with a summary of what was requested and any follow-up action that was committed to in the meetings.

## **Ministry of Municipal Affairs**

The Town of Caledon's delegation met with the Parliamentary Assistant for Municipal Affairs, Lou Rinaldi, along with both political and Ministry staff. The first issue that was brought forward was regarding regional governance and the importance of maintaining Caledon's current representation at the Region of Peel if any action is taken. The Ministry reiterated its position favouring local decision-making for local issues and that there is no intention to take any action on this until after the Provincial and Municipal elections in 2018. Caledon has requested a letter stating this be sent to the impacted municipalities.

The second issue that was presented was regarding the suspension of the GTA West Corridor Environmental Assessment (EA) study and the impact this has had on Caledon's economic growth due to frozen lands. The Ministry stated that we could expect to hear shortly, but no specific time frame was given. They committed Ministry staff to meeting with Caledon to discuss specific land applications impacted by the frozen EA.

## **Ministry of Natural Resources**

The Caledon delegation met with the Assistant Deputy Ministry of Natural Resources as well as other political and Ministry staff regarding the issue of Aggregate Rehabilitation Master Plans. The Ministry congratulated Caledon on having the right conversations locally with the various stakeholder groups, and provided Caledon with a policy contact to speak with directly about specific Master Plans.

The Caledon delegation also spoke to the Ministry regarding second dwellings on farm properties within the Niagara Escarpment area. The Ministry again provided Caledon with specific policy and program contacts to follow up with regarding any suggested changes to policy.

## **Ministry of Housing**

The Caledon delegation met with Minister Peter Milczyn, the Assistant Deputy Minister and other supporting political and Ministry staff regarding senior's housing challenges, in particular aging in place amenities. The Ministry heard Caledon's challenges with finding ways to bring continuum of care housing options for seniors to our community and committed to speaking to his colleague Minister Mauro with Municipal Affairs about some of the planning aspects of our challenges.

## **PC Caucus**

The Caledon delegation met with four members of the PC Caucus: MPPs Bob Bailey, Norm Miller, Ernie Hardeman (Municipal Affairs Critic) and Sylvia Jones (Dufferin-Caledon). Caledon presented on all issues that were presented to the specific Ministries, asking for their support in advocating for our issues. Members of the PC Caucus asked follow up questions for the delegation, but not specific follow up actions or commitments were made. The PC Platform for the upcoming election is already released.

## **Green Party**

The Caledon delegation also met with Green Party Leader Mike Schreiner and his staff, presenting all issues that were highlighted at the Ministry meetings. The Green Party had a number of follow up questions for Caledon. They indicated that they will be releasing their platform by the end of March, and there would likely be some overlap between some of the issues presented by Caledon in our delegation.

## **Next Steps**

As part of the Town of Caledon's government relations efforts, the Mayor's Office will be following up with a letter summarizing the discussion with each individual delegation and highlighting any action that was committed to.

# Memorandum

Date: Tuesday, March 6, 2018

To: Members of Council

From: Hai Ly, Project Manager, Development, Finance and Infrastructure Services

Subject: Road Traffic Noise Study - Albion Vaughan Road

The Town of Caledon received noise complaints from Bolton residents who own properties that back onto the Albion-Vaughan Road. The complaints relate to increase noise levels resulting from an increase in truck traffic on the Albion-Vaughan Road.

On March 7, 2017, Council approved staff report 2017-23 regarding a road traffic noise study along Albion-Vaughan Road. The \$10,000 budget for study was jointly funded by the Town and the Region of Peel.

In the spring of 2017, the Town issued IRFQ 17-91 asking for bids from Noise Consultants to undertake a road traffic noise study. The intent of the IRFQ was for consultants to undertake a noise impact study, combined with real time traffic counts, to determine traffic volumes for cars, medium trucks, and heavy trucks. After capturing both sets of data, the consultant was asked to correlate the traffic data with actual noise levels at the residential outdoor living areas and at the outside walls of the houses, and model noise mitigation alternatives.

The Noise Impact Study followed the provisions of the Region of Peel's Acoustical Guidelines as well as the MOECC's Environmental Noise Guidelines NPC-300, with respect to transportation sources and impact on residential subdivisions. The MOECC allows a variation of 5 decibels (dBA) to a maximum of 60 dBA, under certain circumstances such as excessive costs. The Town of Caledon has a more rigorous requirement which is 55 dBA; the consultant was required to examine both the 55 dBA and 60 dBA noise levels in the Outdoor Living Areas (OLA) with resulting noise attenuation barriers to achieve both dBA levels.

The road traffic noise study was awarded to Valcoustics Canada Ltd. (Valcoustics) on June 12, 2017. Valcoustics undertook two weeks of continuous measurements from September 18 to October 2, 2017 along the study area, from Nunnville Road southerly to the CPR crossing. With the cooperation of residents, the Town's consultant chose three (3) locations for the outdoor monitoring stations along Albion-Vaughan Road:

(see also Schedule A for map of monitoring locations)

- 1) North of the Fifth Sideroad;

- 2) Between Queensgate and Dovaston Gate, and
- 3) Between Dovaston Gate and the CPR crossing.

### ***Road Traffic Noise Study Findings:***

The Consultant undertook two weeks of continuous measurements from September 18 to October 2, 2017. These measurements included the measurement of noise levels and taking of traffic counts. As expected the sound levels were generally higher in the mornings and evenings with significantly lower readings overnight. In addition the average measured sound levels on the weekends were lower than the sound levels during the weekday.

The Table below provides the sound levels at the three monitoring locations during the weekday.

**Table 1**

LOCATION	Leq 16 DAYTIME	Leq 8 NIGHTTIME
1	67.2	63.6
2	68.2	64.0
3	70.3	66.0

Note: Leq = Equivalent sound level. “Leq 16 Daytime” means equivalent sound level for 16 hours (from 7:00 a.m. to 11:00 p.m.) daytime. “Leq 8 Night Time” means equivalent sound level for the remaining 8 hours (11:01 p.m. to 6:59 a.m.)

As can be seen from the above information, based on current conditions, sound levels measures exceed 60 dBA, which is the maximum acceptable level as outlined in Guideline NPC-300 from the Ministry of Environment and Climate Change.

The future sound level predictions started with the current count data with a 2% growth per year to 2037. The speed of vehicles was calculated at 10 km/hour over the posted speed. Truck percentages and day/night split was also based on the 2017 count data, as this was considered very representative.

The following Table provides information on measured (2017) and predicted levels (2037) at the three (3) monitoring locations.

**Table 2**

LOCATION	Leq 16 measured	Leq 16 predicted	Leq 8 measured	Leq 8 Predicted
1	67.2	69.2	63.6	63.0
2	68.2	68.8	64.0	63.0
3	70.3	68.5	66.0	62.7

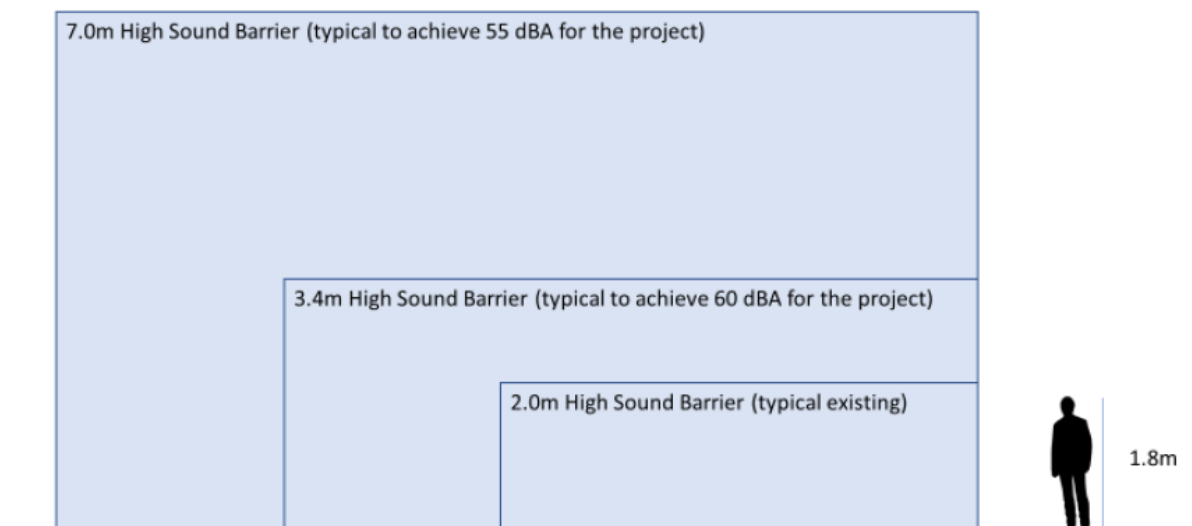
With daytime sound levels projected to continue to exceed MOECC guidelines, the future sound levels were projected for 7 different assessment locations along Albion-Vaughan Road (see SCHEDULE B for map of the assessment locations) so that options to mitigate the OLA could be developed.

The following Table, provides the projected 2037 Outdoor Living Area (OLA) unmitigated noise levels for the seven assessment locations and recommended fence heights to achieve either 55 dBA or 60 dBA in the OLA's.

**Table 3**

#	Assessment Location Address	Projected 2037 OLA Sound Levels	Recommended Fence Height to Reduce Projected 2037 OLA Sound Levels to <u>55 dBA</u>	Recommended Fence Height to Reduce Projected 2037 OLA Sound Levels to <u>60 dBA</u>
1	39 Esposito Dr	64.4 dBA	3.3 metres	1.8 metres
2	79 Esposito Dr	67.7 dBA	6.7 metres	3.4 metres
3	48 Archbury	68.0 dBA	5.1 metres	2.8 metres
4	70 Archbury	71.1 dBA	5.8 metres	3.4 metres
5	39 Shady Glen	70.3 dBA	7.0 metres	3.2 metres
6	138 Waterbury	69.6 dBA	7.4 metres	3.7 metres
7	100 Waterbury	70.1 dBA	7.2 metres	3.6 metres

Valcoustics provided a diagram in the Noise Study to show the relative height of acoustic fences required to reduce noise levels to 55 dBA and 60 dBA in relation to the height of an average adult:



Source: page 19 of the Road Traffic Noise Study completed by Valcoustics (Schedule D)

As summarized above, acoustic fence heights for some sections of Albion-Vaughan Road would have to be over 7 metres high in order to mitigate projected 2037 outdoor living area noise to 55 dBA. At 7 metres, the construction of such an acoustic fence would likely not to be financially feasible or would require multi-year phasing to fund the project. Accordingly, this option was not investigated further.

Based on a high-level cost estimate, \$3,500,000 would be required to construct an 1.6 km acoustic fence ranging from 1.8 metres to 3.7 metres in height. Such an acoustic fence would reduce OLA sound levels to 60 dBA. This construction cost estimate is high-level based on similar per linear foot projects and is still subject to:

- A) A detailed design;
- B) Design and contract administration costs;
- C) A public tendering and award of the construction portion of the project;
- D) A project contingency; and
- E) The co-operation of all residents.

The co-operation of all residents along the study area is critical as the fence is on private property and permission is required from all residents before any work should commence. Acoustic fences are designed to work as an integrated system. Accordingly, having some sections of the fence replaced and delaying the replacement of other sections for residents who are not co-operative or who do not provide the Town permission to work on their private property would result in an incomplete acoustic fence which would not mitigate the road traffic noise as designed.

### ***Public Information Centre (PIC):***

Following the noise study, the findings were reviewed with residents via a Public Information Centre (PIC) that was held on November 29, 2017 at the Caledon Centre for Recreation and Wellness. Issues raised by residents that attended the PIC include the following:

- The closing of King Street through the core of Bolton has resulted in more truck traffic on Albion-Vaughan Road;
- Timing of any Town project to mitigate the noise levels should be expedited;
- The speed limit along Albion Vaughan Road should be reduced; and
- Albion-Vaughan road was not built for the volume and type of traffic it is currently experiencing and the current traffic is causing vibration being felt in the houses (in addition to the noise).

Based on the PIC and written feedback from residents, included in the Noise Study attached to this report as Schedule D, there is no resident consensus that an acoustic fence replacement is solution. Some residents expressed the need for a ban on truck traffic along Albion-Vaughan Road and residents also wish to reduce the speed limit along this road. A ban or truck restriction along a section of Albion-Vaughan Road may impact other roads and other neighbourhoods.

### ***Long-Term Plan for Albion-Vaughan Road:***

Albion-Vaughan Road is a local boundary road between Caledon, the City of Vaughan and King Township. The speed limit along Albion-Vaughan Road between Queensgate and Kirby is currently signed at 80 km/h. The Town's recent speed limit review recommends a reduction for this stretch of road to 60 km/h. Town staff are currently working with the City of Vaughan to implement this change on both the southbound (Caledon) lanes and the northbound (City of Vaughan) lanes of Albion-Vaughan Road. A meeting on 12-March-2018 has been set-up to further discuss the speed limit reduction issue.

In accordance with the Bolton Transportation Master Plan, and Town staff opinion, this roadway is of a higher order than a local road. As such the Town has initiated discussions with the Region of Peel to upload Albion-Vaughan Road to the Region of Peel.

The Region of Peel has identified Albion-Vaughan Road as a major transportation route, see SCHEDULE C, and has noted that the road is being used by commercial vehicles originating from north Brampton or Bolton itself to access Hwy 400 via Region Road 9 (King Street). If uploaded to the Region of Peel, Albion-Vaughan Road may be widened from two (2) to four (4) lanes in the future. If this happens, a noise study will be required as part of the environmental assessment to widen the road and new acoustic fences may be constructed/replaced as part of the future road widening.

Furthermore, the Bolton Transportation Master Plan, approved by Town and Regional Council, recommends that the George Bolton Parkway be extended eastwardly from Highway 50 to Albion-Vaughan Road. An environmental assessment (EA) study is currently underway, and the traffic study will confirm to what magnitude of increased vehicle volume this extension might bring that would be diverted onto Albion-Vaughan Road. This may further add to the noise concern on Albion-Vaughan Road.

### ***Next Steps:***

It is anticipated that the Town's EA study for the George Bolton Extension will be completed by May 2018. The process of uploading Albion-Vaughan Road to the Region of Peel and an environmental assessment to widen Albion-Vaughan road may take 5+ years. . However, as noise measurements indicate that the OLA noise currently exceed MOECC guidelines of 60 dBA, staff are actively investigating potential interim resolutions of the issue.

One potential interim resolution would be to bring forward a design capital project, for the replacement of the acoustic fence along Albion-Vaughan Road, for Council consideration in the 2019 budget following. The acoustic fence would need to be continuous in order to be effective, and may need to be as high as 3.4 m in some sections. While an acoustic fence replacement will likely be required at some point in the future as part of the Albion-Vaughan Road widening, the proposed widening may entail a different design than what would be proposed as an interim resolution. It is also not known at this time

whether residents would support an acoustic fence of this scale along their property line. Other potential resolutions include truck traffic restrictions, truck traffic ban, speed limit reductions or some combination of thereof.

To investigate the potential interim resolutions, and assess resident support, staff will be undertaking the following steps:

- Written notification of the road traffic noise study results to residents who own properties with an acoustic fence running along their property. As part of the correspondence, the residents will be requested for information on:
  - o Their preferred solution (e.g. acoustic fence replacement, truck traffic restrictions, truck traffic ban, speed limit reductions, pavement surface condition improvements);
  - o Their willingness to participate in, pay for, and/or provide permission for an acoustic fence replacement on their private property.
- Further discussions with the Region on:
  - o the timing of uploading of Albion-Vaughan Road;
  - o the Region's comments on the options being posed to the residents (e.g. fence, truck traffic, speed limit, pavement improvements);
  - o any feedback the Region has received on the Region of Peel's request to the Province to extend Highway 427 to Highway 9. Such an extension may reduce traffic volumes on Albion-Vaughan Road; and
  - o their planned 2018 updates to the Strategic Goods Movement Network and the Road Characterization Studies.
- Further discussions with the City of Vaughan on the reduction of speed limits along Albion-Vaughan Road; and
- Traffic projections from the Town's current George Bolton Extension EA Study.

## **COUNCIL WORK PLAN**

Infrastructure – To increase the overall condition of the Town's assets.

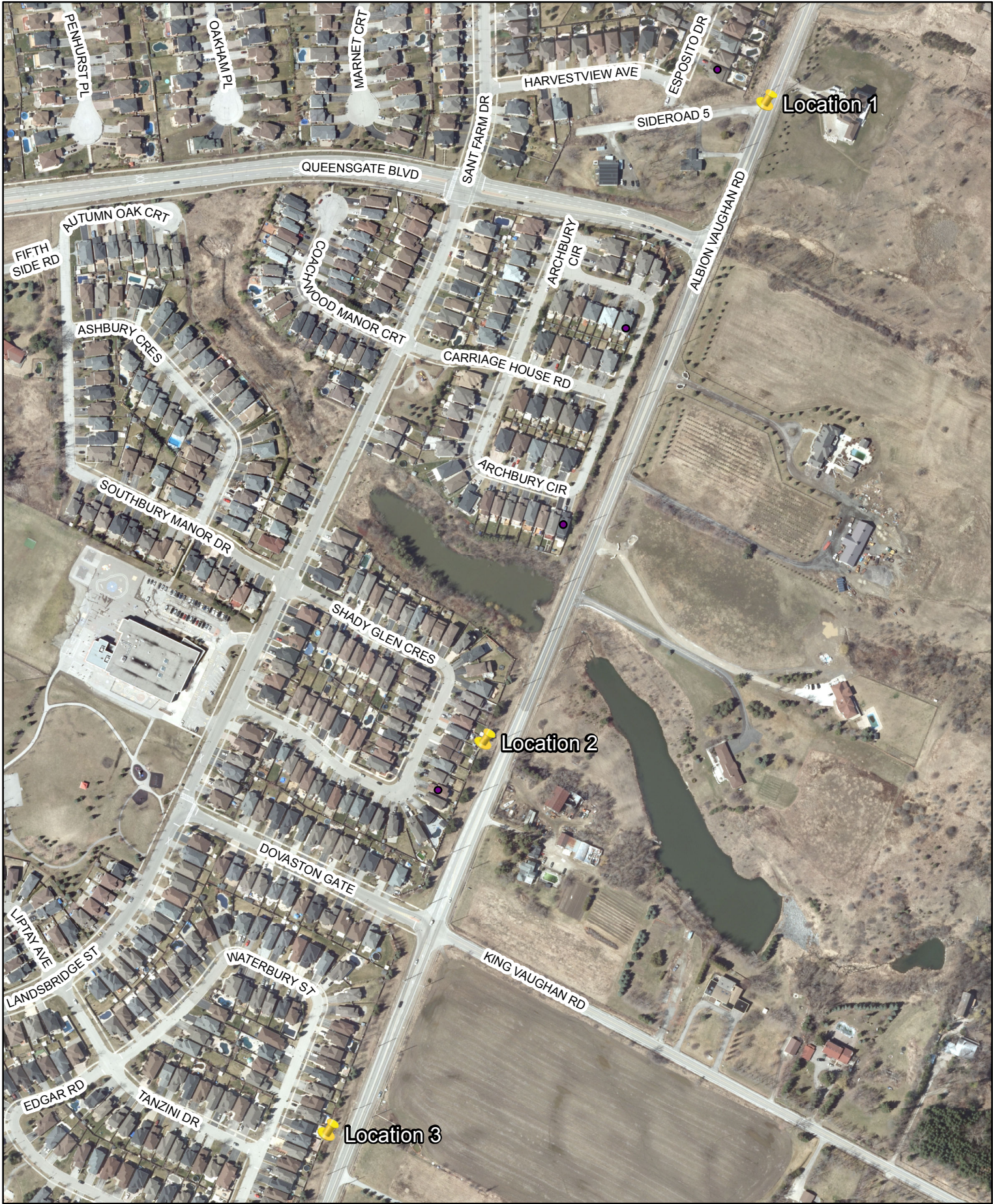
## **ATTACHMENTS**

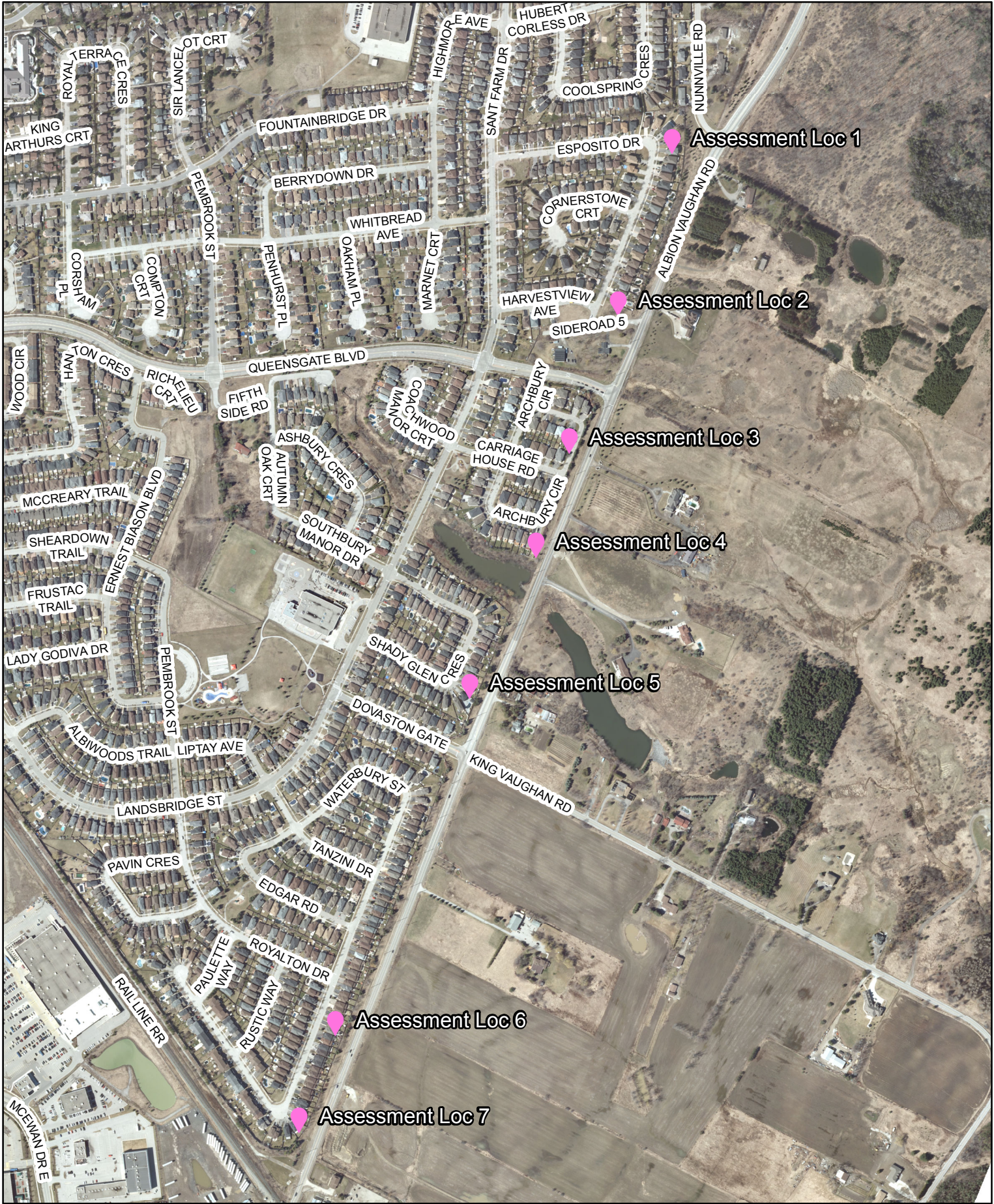
Schedule A - Measurement Locations

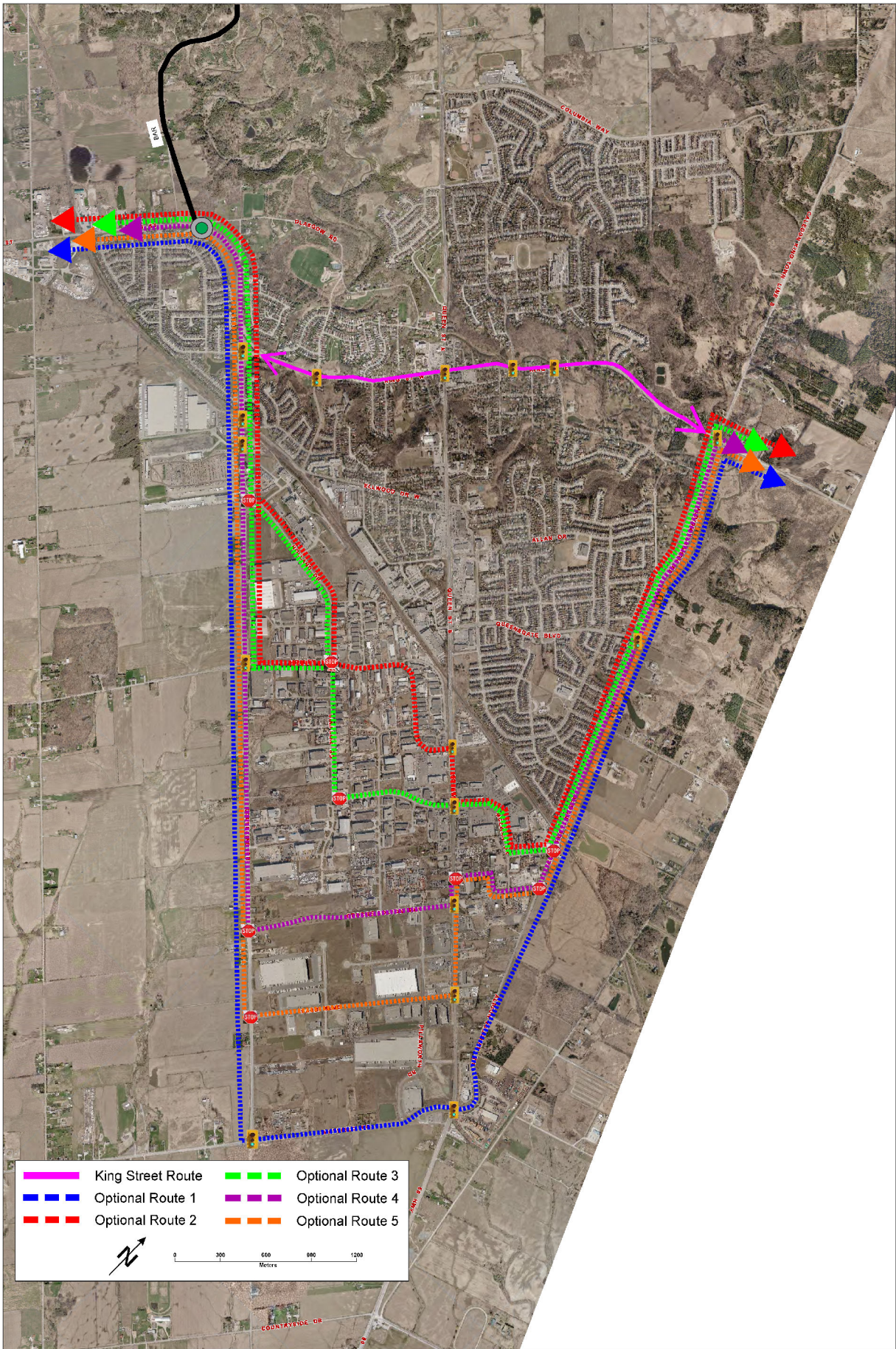
Schedule B - Assessment Locations

Schedule C - Assumed Truck Diversion Track (East - West)

Schedule D - Road Traffic Noise Study - Albion Vaughan Road







# Road Traffic Noise Study

## Albion Vaughan Road

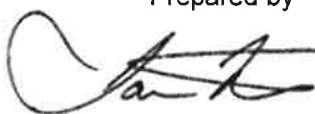
**Albion Vaughan Road**  
**Between CPR Line and Nunnville Road**  
Town of Bolton

February 21, 2018  
Project: 117-0273

Prepared for

**Town of Caledon**

Prepared by



---

Ian Matthew, M.Sc., P.Eng.



**VALCOUSTICS**

*Canada Ltd.*

## **Revision History**

<b>Revision #</b>	<b>Date</b>	<b>Description of Changes</b>
V1.0	February 21, 2018	Issued for use

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# Road Traffic Noise Study

## Albion Vaughan Road

**Albion Vaughan Road**  
**Between CPR Line and Nunnville Road**  
Town of Bolton

### **EXECUTIVE SUMMARY**

The Town of Caledon has received complaints from the residents in Bolton whose properties back onto Albion Vaughan Road about an increase in noise levels as a result of the increased truck traffic.

Valcoustics Canada Ltd. (VCL) has been retained to quantify the sound levels in the residential outdoor living areas (OLA's) and at the exterior facades of the houses in the study area.

The area of concern for the purpose of this study is those residences on the west side of Albion Vaughan Road between the CPR crossing in the south and Nunnville Road in the north.

Sound measurements were completed at 3 representative locations within the study area. Sound measurement data was compared with predicted sound levels (based on traffic counts which were conducted concurrently with the sound data collection) and the agreement was noted as being very good.

Future forecast traffic data was used to predict future sound levels at the OLA's as well as at the exterior facades of the dwellings within the study area. Based on the predicted sound levels, sound barriers generally ranging from 2.8m to 3.7m in height would be required to meet the 60 dBA sound level limit (this is 5 dBA in excess of the MOECC guideline limit of 55 dBA). Sound barriers to meet the 55 dBA limit would be generally 5.1m to 7.4m in height, and as such are not practicable.

## **1.0 INTRODUCTION**

### **1.1 BACKGROUND**

The Town of Caledon has received complaints from the residents in Bolton whose properties back onto Albion Vaughan Road about an increase in noise levels as a result of the increased truck traffic.

## 1.2 PURPOSE

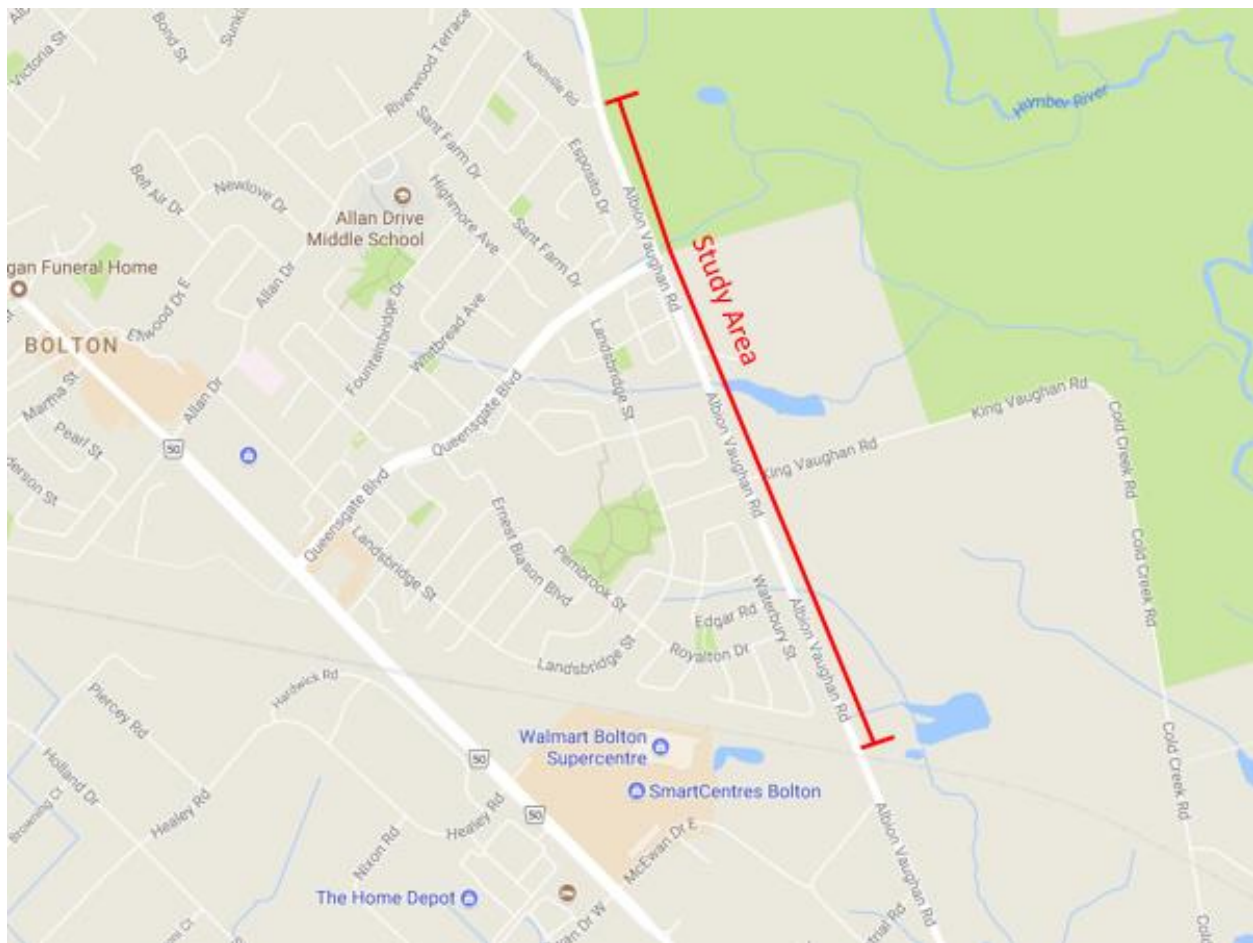
Valcoustics Canada Ltd. (VCL) has been retained to quantify the sound levels in the residential outdoor living areas (OLA's) and at the exterior facades of the houses in the study area. Based on the sound level results, preliminary mitigation proposals are provided.

## 1.3 STUDY AREA

The area of concern for the purpose of this study is those residences on the west side of Albion Vaughan Road between the CPR crossing in the south and Nunnville Road in the north.

A key plan is included as Figure 1.

The entire area is residential and consists of dwellings which back directly onto Albion Vaughan Road as well as some dwellings which side onto the road and other dwellings that front towards it (fronting onto a local window street).



**FIGURE 1: Key Plan**

## 2.0 SOUND MEASUREMENTS

### 2.1 MEASUREMENT LOCATIONS

Three measurement locations were selected to quantify the road traffic noise throughout the study area. In general, the study area was divided into 3 segments with one measurement location in each of the segments.

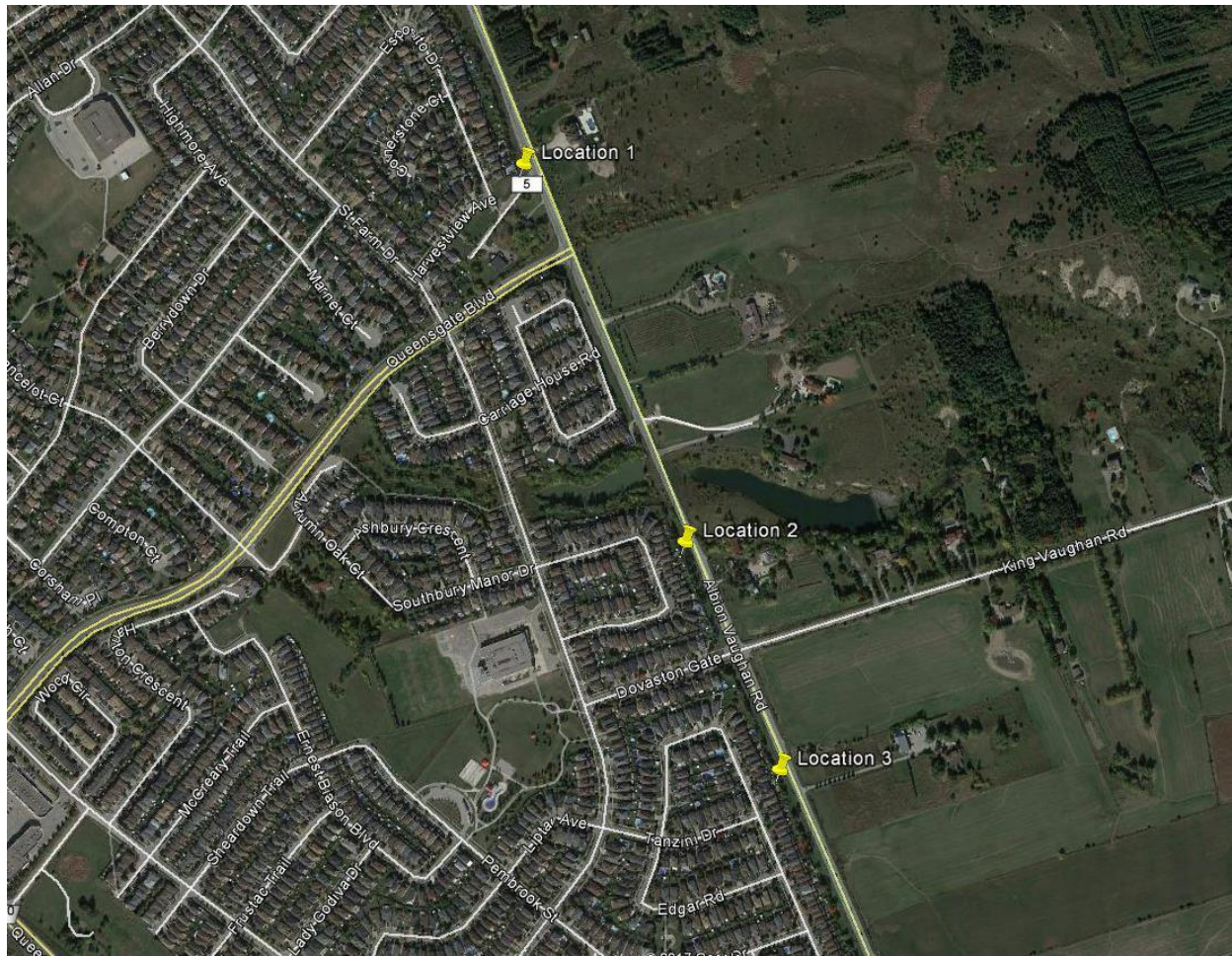
All measurement locations are depicted in Figure 2.

### **Measurement Location 1**

For the north segment (between Nunnville Road and Queensgate Boulevard), a measurement location was selected at the northwest corner of the intersection of Side Road 5 and Albion Vaughan Road. The measurement equipment was placed at the south extent of the existing fence. See Figure 3.

It should be noted that there is a traffic light approximately 125m to the south of location 1.

At location 1, the microphone was located approximately 3m above grade and 22m from the road centreline. The microphone was situated to avoid reflections from the adjacent fence as seen in Figure 3.



**FIGURE 2: Measurement Locations**



**FIGURE 3: Measurement Location 1 (North Segment)**

## **Measurement Location 2**

For the middle segment (between Queensgate Boulevard and Dovaston Gate), a measurement location was selected at the east property extent of the dwelling at 45 Shady Glen Crescent (it should be noted that the monitoring equipment at the location was placed on the road right-of-way side of the fence rather than the private side of the fence). See Figure 4.

At location 2, the microphone was located approximately 3m above grade and 22m from the road centreline. The microphone was situated to avoid reflections from the adjacent fence as seen in Figure 4. It should be noted that at Location 2, the sound level meter was placed at the top of the embankment leading from the pavement elevation to the base of the fence (visible on Figure 4).

## **Measurement Location 3**

For the south segment (between Dovaston Gate and the CPR crossing), a measurement location was selected at the rear yard amenity area of the residence at 188 Waterbury Street. See Figure 5.

At location 3, the microphone was located approximately 3m above grade and 24 m from the road centreline. The monitoring equipment was placed at the east-most extent of the rear yard. The microphone was situated to avoid reflections from the adjacent fence as seen in Figure 5.

## **2.2 MEASUREMENT METHOD**

### **2.2.1 Sound Measurement Duration**

Road traffic noise data was collected continuously for the 2 week period from noon on September 18, 2017 to noon on October 2, 2017. In general, sound data was collected in hourly time periods for comparison with sound level predictions to be presented later. The hourly data is present as a “one hour equivalent sound level”. The “equivalent sound level” ( $L_{eq}$ ) is the sound level having the same sound energy as the time varying signal over the same one-hour period.

It should be noted that due to an equipment failure, sound level data at Location 1 (north segment) was not collected between noon on September 23 and noon on October 2. For that reason, the monitor at this location was left in service and collected an additional week of data between October 2 at noon and October 9 at noon in order to ensure that 2 weeks of sound data was available at all 3 measurement locations.

### **2.2.2 Traffic Counts**

Road traffic volumes were counted concurrently with the sound measurements. In each case, the road traffic counting location was in close proximity to the microphone location (but not close enough to cause audible sound at the sound measurement location). Traffic count data is presented in Appendix A.

Note that the traffic data for each location is subdivided by vehicle classification. A list of the vehicle classifications is presented in Appendix A.

For Locations 1 and 3, traffic count data was collected for the period between September 18 and October 2, 2017 (the same as that for the sound data). For location 2 (middle segment), an equipment failure occurred and as such the traffic count data period was October 7 to October 20, 2017).



**FIGURE 4: Measurement Location 2 (Middle Segment)**



**FIGURE 5: Measurement Location 3 (South Segment)**

## 2.2.3 Weather Data

Weather data for the Environment Canada weather station located at Toronto Pearson Airport was collected concurrently with the sound measurements. Sound data has been omitted from the analysis where wind speeds were in excess of 20 km/hr or where there was precipitation of any kind. Weather data for the measurement period can be found in Appendix B.

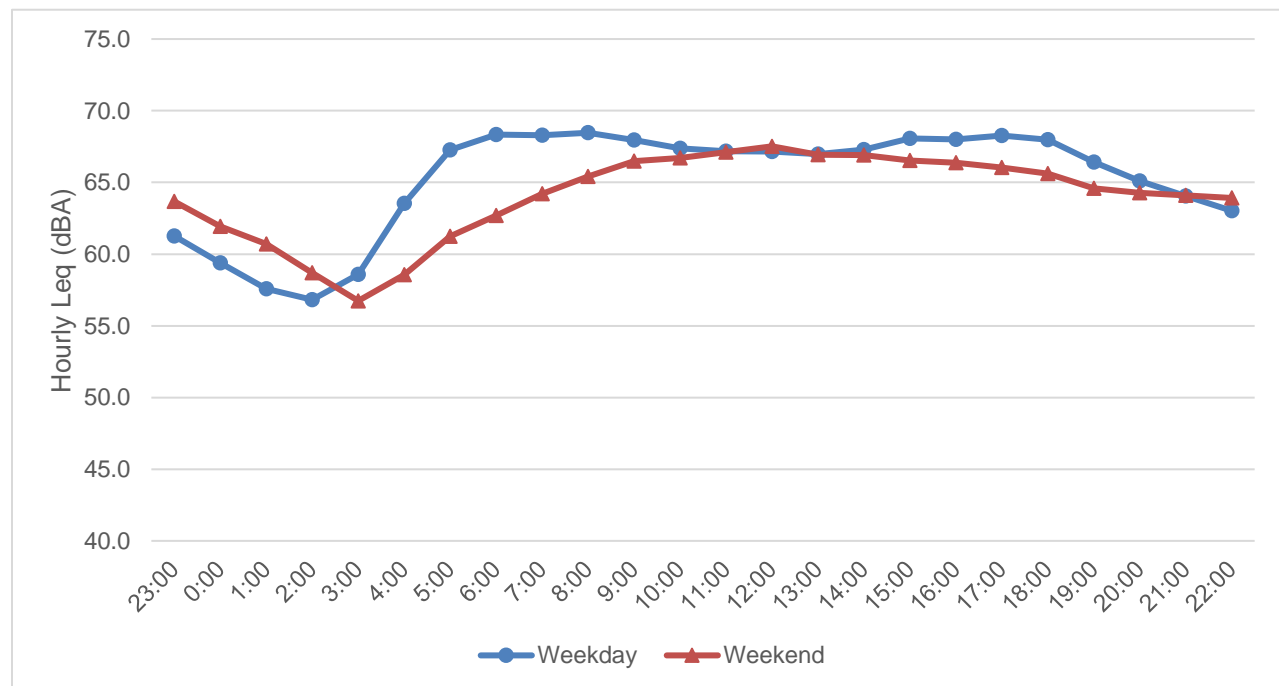
## 2.3 MEASUREMENT RESULTS

The measured data for each location was further analysed to remove spurious sources of sound that were not related to road traffic. This analysis was completed by listening to the recorded sound files that accompany the sound level data. In general, this included items such as lawn mowing, etc. Once the measurements were “cleaned up”, the resulting one hour  $L_{eq}$  values were plotted for each measurement location (“time histories” for the full duration of the measurement). See Appendix C.

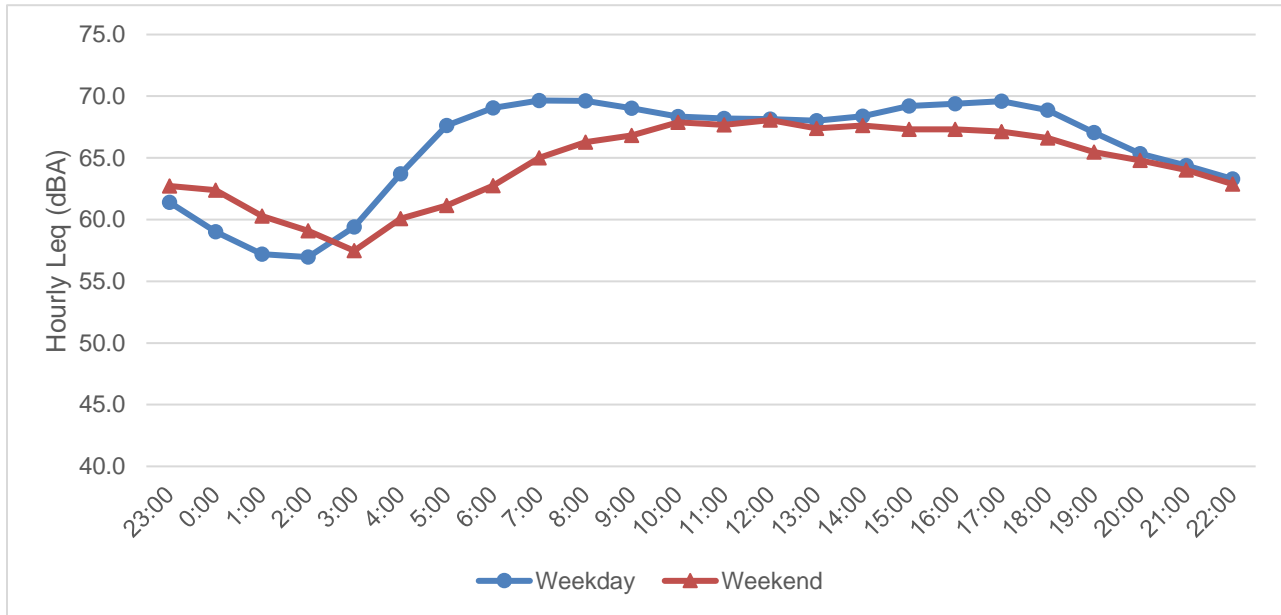
As expected, the time histories show a relatively consistent hourly variation for all weekdays. However, the hourly variation on weekend days is significantly different than that during the week. For that reason, weekday data and weekend data will be analyzed separately. Note that for the purpose of this analysis, weekday hours extend from Sunday at 2300 hours to Friday at 2300 hours.

For the weekday data, the hourly variation shows the expected morning and afternoon peaks in measured sound level resulting from “rush-hour” traffic increases. The hourly variation also shows the typical “dip” to the lowest levels between about 0200 and 0500 hours with relatively sharp increases in the early morning and decreases starting about 2000 hours (8:00 p.m.).

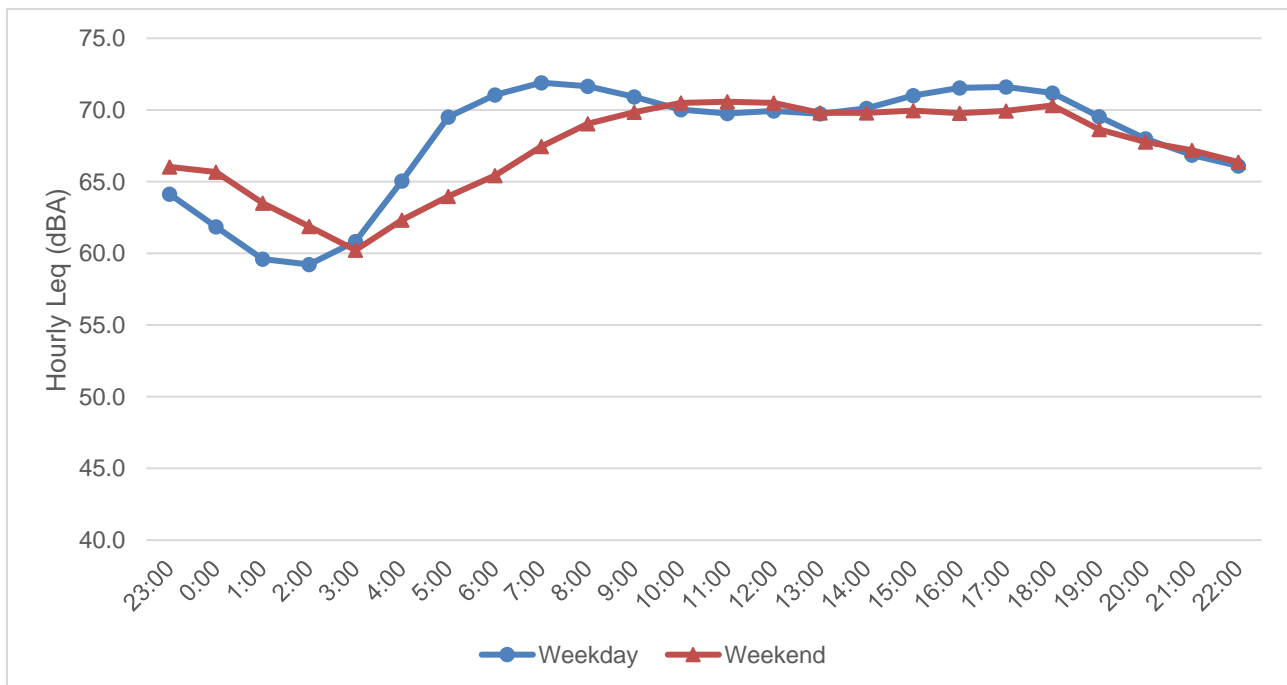
For each of the measurement locations, the measured data in each hour has been energy averaged in order to determine an “average” hourly sound level at that measurement location. See Figures 6 to 8. As noted above, the weekend and weekday datasets have been processed separately.



**FIGURE 6: Measured Hourly Sound Levels – Location 1**



**FIGURE 7: Measured Hourly Sound Levels – Location 2**



**FIGURE 8: Measured Hourly Sound Levels – Location 3**

For the purpose of comparing the results (both measured and predicted) to the sound level limits (discussed below), the daytime and nighttime “average” sound levels are computed as follows:

- 16 hour daytime period from 0700 hours to 2300 hours ( $L_{eq,16}$ )

- 8 hour nighttime period from 2300 hours to 0700 hours ( $L_{eq,8}$ )

Table 1 shows the average daytime and nighttime measured sound levels at all locations (separated by weekday and weekend periods).

**TABLE 1: AVERAGE DAYTIME AND NIGHTTIME MEASURED SOUND LEVELS AT ALL LOCATIONS**

Location	Average measured sound level - Weekday		Average measured sound level - Weekend	
	Leq,16 Daytime	Leq,8 Nighttime	Leq,16 Daytime	Leq,8 Nighttime
1	67.2	63.6	66.0	61.1
2	68.2	64.0	66.6	61.1
3	70.3	66.0	69.4	64.0

As shown in Table 1, the weekday measured sound levels (both daytime and nighttime) are higher than those for the weekend period. For that reason, the remainder of the analysis will examine the weekday period only.

### 3.0 GUIDELINE SOUND LEVEL LIMITS

Although the dwellings on the west side of Albion Vaughan Road are existing, the environmental noise guidelines of the Ministry of Environment and Climate Change (MOECC) for new residential development have been used in this assessment (NPC-300, “Environmental Noise Guideline – Stationary and Transportation Sources – Approval and Planning”). Additionally, the Region of Peel and Town of Caledon noise guidelines have also been considered in the assessment.

#### 3.1 NPC-300

##### 3.1.1 Outdoors

For outdoor amenity areas (“Outdoor Living Areas” - OLA’s), the guideline sound level limit is  $L_{eq\ Day}$  (0700 to 2300 hours) of 55 dBA, with an excess not exceeding 5 dBA considered acceptable if it is technically not practicable to achieve the 55 dBA objective, provided warning clauses are registered on title. Note, a balcony is not considered an OLA unless it is the only OLA for the occupant and is:

- at least 4 m in depth; and
- unenclosed.

The MOECC guidelines require noise studies be applicable ten years after completion of the development.

##### 3.1.2 Ventilation

In accordance with the MOECC noise guideline for road and rail traffic sources, if the daytime sound level,  $L_{eq\ Day}$ , at the exterior face of a noise sensitive window is greater than 65 dBA, means must be provided so that windows can be kept closed for noise control purposes and central air conditioning is required. For daytime sound levels between 56 dBA and 65 dBA

inclusive, there need only be the provision for adding air conditioning. A warning clause advising the occupant of the potential interference with some activities is also required. At nighttime, air conditioning is required when the sound level exceeds 60 dBA ( $L_{eq}$  Night) at a noise sensitive window (provision for adding air conditioning is required when the sound level is between 50 dBA and 60 dBA).

### **3.2 REGION OF PEEL NOISE GUIDELINE**

The Region of Peel noise guidelines are essentially the same as the MOECC noise guidelines except that the nighttime sound level for triggering the air conditioning requirement is one dBA more stringent (i.e., less) than the sound levels specified by the MOECC; i.e., mandatory air conditioning for nighttime sound exposures of 60 dBA or greater, and the provision for adding air conditioning for levels between 51 to 59 dBA inclusive.

A maximum desirable sound barrier height of 4.0 m (relative to roadway centreline) is indicated with a maximum acoustic fence component height of 2.4 m, although a height no more than 2.0 m is preferred.

### **3.3 TOWN OF CALEDON NOISE GUIDELINE**

The Town of Caledon's general policy is not to accept the 5 dBA excess above the 55 dBA objective in OLA's. However, an excess may be acceptable if unreasonably high sound barriers are needed to meet the 55 dBA objective.

The Town's maximum acoustic fence height is 2.4 m. Higher barriers can be achieved using a combination of an acoustic fence and a berm. Acoustic fences are to be constructed using wood panels and HSS posts.

Also, traffic noise impact is to be assessed based on the 20-year traffic forecast for the adjacent roadways and using a traffic speed 10 kph over the posted speed limit.

## **4.0 SOUND LEVEL PREDICTIONS**

### **4.1 MODEL CALIBRATION (COMPARE TO MEASUREMENTS)**

#### **4.1.1 Method**

Using the road traffic data that was collected concurrently with the sound level measurements described above, sound exposures were determined for each hour of the measurement period for each receptor location, using STAMSON 5.04 - ORNAMENT, the computerized road traffic noise prediction model of the Ministry of the Environment and Climate Change (MOECC).

In order to ensure the most accurate predicted values, several parameters were determined for each receptor location for input into the ORNAMENT model. These included (and are provided in Table 2 for each receptor location):

- speed limit (adjacent to the receptor location);
- distance from receptor to road centreline;
- road grade (in the vicinity of the receptor location); and
- receptor height relative to the road centreline elevation.

**TABLE 2: CALIBRATION TRAFFIC DATA**

Location	Speed (km/hr)	Distance to road centreline (m)	Grade (%)	Receptor Height (m)	2017 Measured AADT
1	60	22	0	3	14 636
2	70	22	1	3	14 676
3	73	24	0	3	14 676

For speed, the value used in the calibration was the average speed for the collected road data at the measurement location.

At location 2, the topography was such that the receptor location was elevated relative to the road centreline. However, in ORNAMENT terms, the intervening topography was relatively constantly sloped and as such a receptor height of 1.5 m was used, similar to locations 1 and 3.

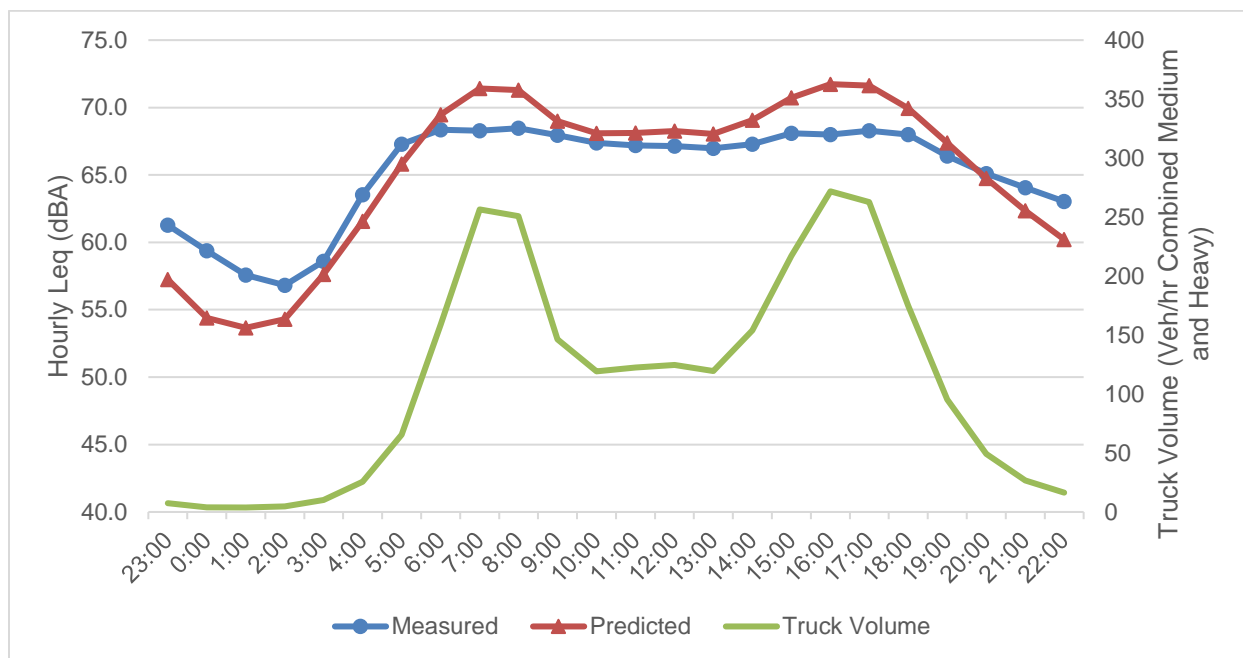
At location 2, the roadway sloped down slightly going north from the measurement location. The assumed road grade at this location was 1%.

Calculation data for the road traffic calibration sound exposures are presented in Appendix D. In comparing the road traffic count data at locations 1 and 3 during the sound measurement period, it is clear that there is very little change in the overall road traffic volume and composition through the length of the study area. For this reason, it is assumed for the purpose of prediction that road traffic at location 2 is identical to that at Location 3 to the south.

#### **4.1.2 Results**

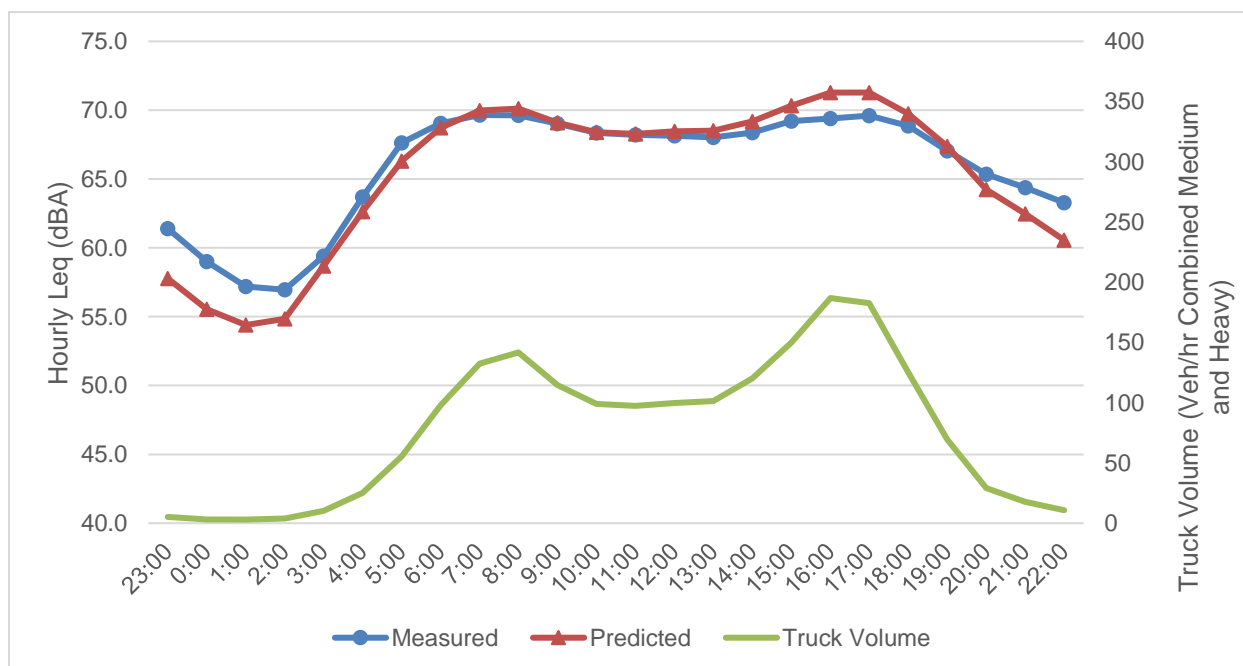
Results of the calibration model (comparing measured data with predictions based on the actual road traffic count data) are presented in Figures 9 through 11. As noted above, the remainder of the analysis will consider only the weekday period.

As per Figure 9, Location 1 shows excellent agreement during the early morning, midday, and early evening hours. During the AM and PM peak traffic hours, the predicted sound exposure exceeds the measured sound exposure consistently by 2 to 4 dBA. It is expected that the discrepancy is due to the traffic light at Queensgate Boulevard, approximately 125 m south of the measurement location. During non-peak traffic hours, the traffic light is presumably green for north-south traffic on Albion Vaughan Road. During peak hours, the traffic light likely cycles to green for Queensgate Boulevard, resulting in temporarily reduced speeds on Albion Vaughan Road during these periods (note that the ORNAMENT predictions are based on a single speed during the entire period).



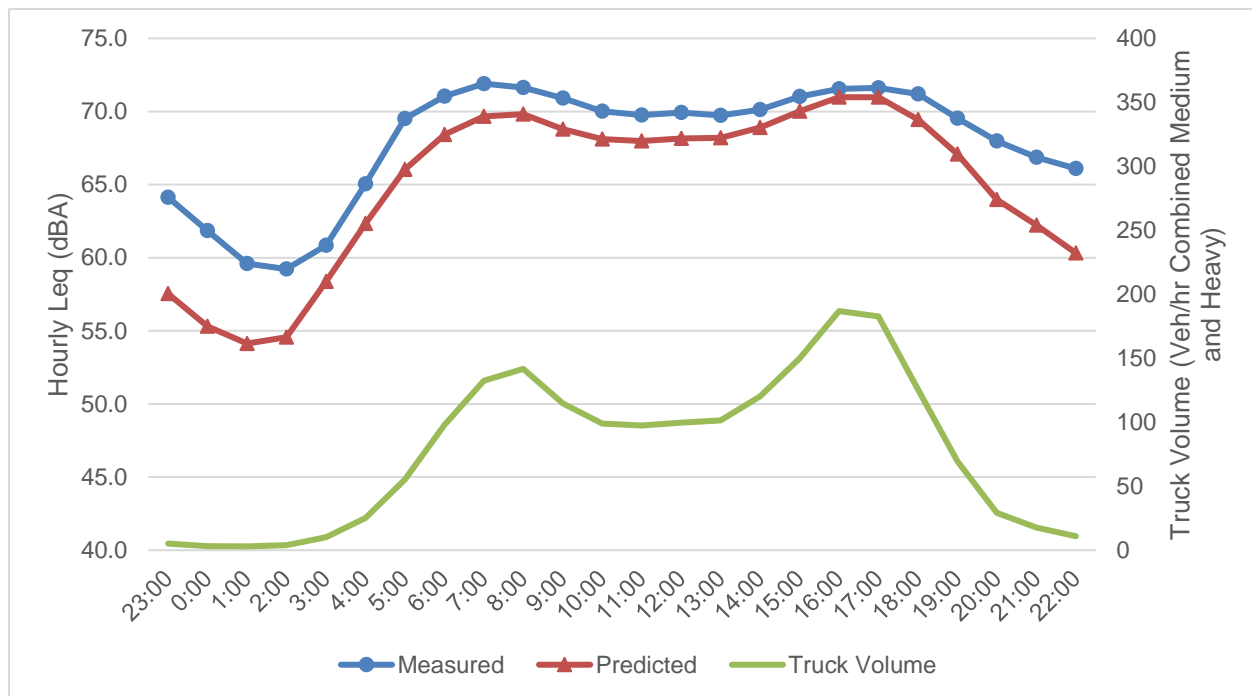
**FIGURE 9: Model Calibration – Location 1**

At Location 2, the agreement between the measured and predicted data is excellent throughout all hours of the day and night. It should be noted that at all locations, the predicted sound level consistently drops slightly below the measured data during the period from 2000 hours to 0300 hours. It is expected that during this period, the measured sound level is dominated by road traffic on distant roads that are not dominant during the remainder of the day, but experience higher traffic levels during the nighttime than Albion Vaughan Road (for example, Highway 50).



**FIGURE 10: Model Calibration – Location 2**

At Location 3, the measured sound level is typically 1 to 1.5 dBA higher than the predicted sound level. It is unclear as to the reason for the discrepancy. However, in general this is a small difference for a model of this nature (albeit larger than that noted at locations 1 and 2).



**FIGURE 11: Model Calibration – Location 3**

Further distilling the data presented above, Table 3 provides a comparison of the  $L_{eq,16}$  (daytime) and  $L_{eq,8}$  (nighttime) values for the measured and predicted datasets.

**TABLE 3: COMPARISON OF MEASURED AND PREDICTED SOUND LEVELS IN TERMS OF DAYTIME AND NIGHTTIME PERIODS**

Location	Leq,16 Daytime		Leq,8 Nighttime	
	Measured	Predicted	Measured	Predicted
1	67.2	69.2	63.6	63.0
2	68.2	68.8	64.0	63.0
3	70.3	68.5	66.0	62.7

## 4.2 FUTURE PREDICTIONS

### 4.2.1 Method

The above calibration demonstrates generally excellent agreement between measured and predicted datasets. The next step in the assessment is to extend the data in order to predict future sound levels at the existing dwellings in the study area.

As above, the future predictions were determined using STAMSON 5.04 – ORNAMENT. For the purpose of the preliminary mitigation assessment (see later), seven assessment points were looked at. Each assessment point was assigned to a road traffic segment (3 segments, as per the previous discussion).

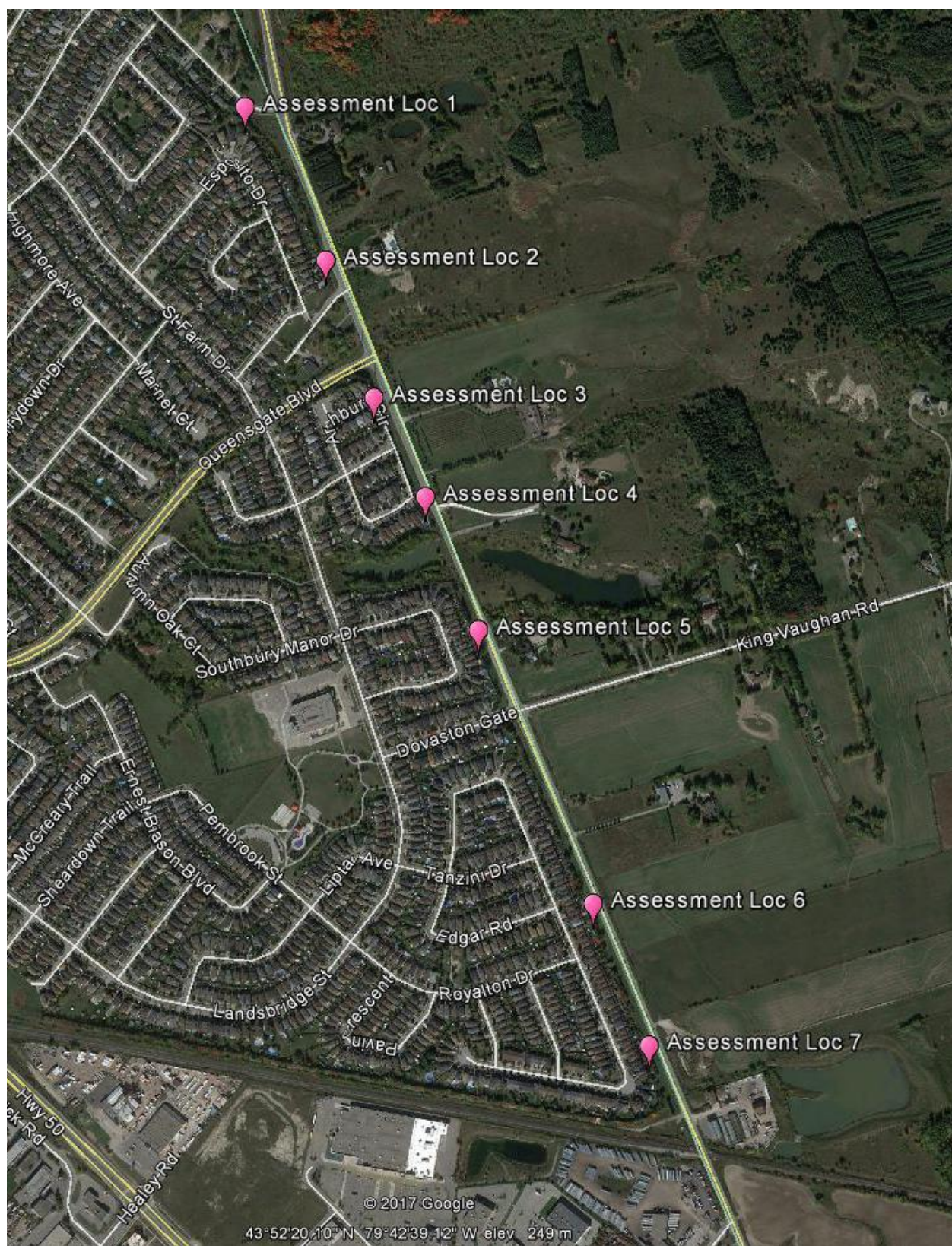
- 1 – 39 Esposito Drive (segment 1, north) – backs onto Albion Vaughan Road. This rear yard is significantly higher than the adjacent portion of Albion Vaughan Road, and as such represents a unique calculation for the purpose of mitigation.
- 2 – 79 Esposito Drive (segment 1, north) - backs onto Albion Vaughan Road.
- 3 – 37 Archbury Circle (segment 2, middle) – sides towards Albion Vaughan Road.
- 4 – 70 Archbury Circle (segment 2, middle) – sides towards Albion Vaughan Road.
- 5 – 35 Shady Glen Crescent (segment 2, middle) - backs onto Albion Vaughan Road. The rear yard elevation is higher than the adjacent portion of Albion Vaughan Road.
- 6 – 130 Waterbury Street (segment 3, south) - backs onto Albion Vaughan Road.
- 7 – 94 Waterbury Street (segment 3, south) - backs onto Albion Vaughan Road.

In order to determine the road traffic volume for the future predictions, the following steps were followed:

- 1) The current (2017) road traffic count data was used to determine the AADT for each segment;
- 2) The road traffic volume (2017) was increased at a growth rate of 2% (compounded annually) for a period of 20 years (to 2037);
- 3) The speed for the future prediction is 10 km/hr greater than the posted speed limit in the segment;
- 4) The truck percentages were based on the 2017 count data for each segment; and
- 5) The day/night split was based on the 2017 count data for each segment.

Table 4 presents the traffic data used in the future predictions at the assessment locations noted above. Appendix E includes a sample calculation for the future prediction model.

It should be noted that as per the Bolton Transportation Master Plan Study (2015), Albion Vaughan Road is expected to be widened from 2 lanes to 4 lanes by 2031. The future prediction modelling accounts for the change in road width from 2 to 4 lanes. It is expected that the widening would not involve a change in the road centreline (due to the current configuration of the right-of-way). Further, as future road traffic volumes in the 4-lane condition are not currently available, the road traffic volumes shown in Table 4 for the year 2037 are used to represent the 4-lane condition.



**FIGURE 12: Assessment Locations**

**TABLE 4: TRAFFIC VOLUMES FOR FUTURE PREDICTIONS**

Segment	2017 Measured AADT	Grade	Speed	2017 Day/Night Split	2017 Truck Percentages (med/hvy)	2037 Predicted AADT
1	14 636	0	60 (+10)	87/13	1.3%/17.6%	21 748
2	14 676	0 <sup>(1)</sup>	80 (+10)	86/14	1.0%/12.3%	21 808
3	14 676	0	80 (+10)	86/14	1.0%/12.3%	21 808

Note:

- (1) The road grade varies through this segment. For the assessment points in this segment, the adjacent road grade is essentially flat.

It should be noted that the heavy truck percentage varies greatly between Segment 1 and Segment 3 (2575 heavy trucks per day in Segment 1 and 1805 heavy trucks in Segment 3). Although there is no data which strictly explains this difference, it is expected that the difference is likely attributable to trucks entering/leaving Albion Vaughan Road at either Queensgate Boulevard to the west or King Vaughan Road to the east.

#### 4.2.2 Results

Table 5 shows the predicted sound levels at the seven assessment points in terms of  $L_{eq,16}$  (daytime) and  $L_{eq,8}$  (nighttime).

**TABLE 5: PREDICTED FUTURE (2037) UNMITIGATED SOUND LEVELS<sup>(1)</sup>**

Assessment Point	Distance to road centreline (m) <sup>(2)</sup>	Receptor Height (m) <sup>(3)</sup>	Exterior Facade		OLA Leq,16, Daytime (dBA)
			Leq,16, Daytime (dBA)	Leq,8, Nighttime (dBA)	
1	62 (61)	1.5 (4.5)	64.6	59.4	64.4
2	39 (42)	1.5 (4.5)	67.7	62.5	67.7
3	40 (37)	1.5 (4.5)	69.1	64.2	68.0
4	25 (23)	1.5 (4.5)	71.9	67.1	71.1
5	29 (32)	1.5 (4.5)	70.0	65.2	70.3
6	32 (35)	1.5 (4.5)	69.4	64.6	69.6
7	30 (33)	1.5 (4.5)	69.8	65.0	70.1

Notes:

- (1) Predicted future (2037) sound levels include for road widening to 4 lanes  
(2) Facade distances provided in parentheses  
(3) Facade receptor height provided in parentheses

In comparing the future predictions with the sound level limits presented in Section 3.0 above, it is clear that there are currently excesses above the MOECC, Region of Peel, and Town of Caledon sound level limits. It should be noted that the above results are considered “unmitigated” and do not include the contributions from sound barriers which may or may not exist between the road noise source and the OLA.

## **5.0 PRELIMINARY MITIGATION DESIGN**

### **5.1 REVIEW OF EXISTING FENCES AND SOUND BARRIERS**

At present, there are existing fences in many locations between the road noise source and the OLA's of the adjacent dwellings. Appendix F provides an overview of the existing fences along with photos for illustration.

### **5.2 MITIGATION OF INDOOR SOUND LEVELS**

For all dwellings in the study area, warning clauses were issued on title advising buyers that “despite the inclusion of noise control features within the development area and within the individual building units, noise levels may continue to be of concern, occasionally interfering with some activities of the dwelling occupants”.

However, sound levels predicted in the reports are generally much lower than those either measured currently or predicted in the future as part of this study.

### **5.3 MITIGATION OF OUTDOOR LIVING AREAS**

#### **5.3.1 Scope of Assessment**

As part of the scope of the project, a preliminary investigation of mitigation has been completed. This mitigation assessment is not specific by lot or dwelling (although reference is made to specific receptor locations) as the assessment includes only preliminary topography data.

If required, a detailed mitigation design can be completed by lot/block based on the specific detailed topography.

Also note that the mitigation results presented here do not consider the existing fences. Although the heights of the existing fences are known, the performance in terms of sound attenuation is difficult to establish due to varying levels of maintenance and thickness/selection of construction materials. Mitigation recommendations assume that new sound barriers would be constructed which meet the requirements of NPC-300 in terms of surface density and construction.

#### **5.3.2 Mitigation Results**

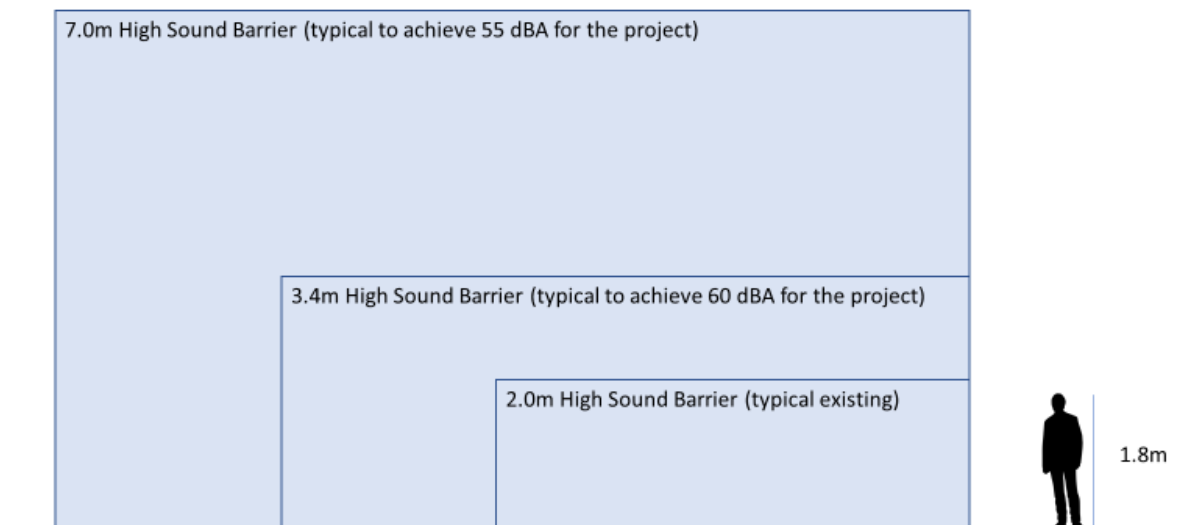
Sound barrier requirements at all assessment points have been determined based on the future predicted road traffic and unmitigated sound levels. As noted above, there are two possible design criteria in terms of OLA sound level – 55 dBA or 60 dBA (depending on the jurisdiction of the guideline limit). For the purpose of this study, sound barriers have been designed to meet both requirements.

Table 6 provides the sound barrier heights to meet both the 55 dBA and 60 dBA OLA sound levels. The barrier requirements vary somewhat from point to point based on the source-receiver distance and the orientation of the assessment point relative to the adjacent dwellings.

**TABLE 6: SOUND BARRIER REQUIREMENTS**

Assessment Point	Sound barrier height to achieve 55 dBA (m)	Sound barrier height to achieve 60 dBA (m)
1	3.3	1.8
2	6.7	3.4
3	5.1	2.8
4	5.8	3.4
5	7.0	3.2
6	7.4	3.7
7	7.2	3.6

In general, the sound barrier heights required to meet the 55 dBA objective are not practicable. The sound barrier heights required to meet the 60 dBA objective exceed the Town of Caledon maximum of 2.4 m. However, sound barriers in the 3 to 4 m range are generally considered technically practicable.



**FIGURE 13: Conceptual Sound Barrier Heights**

It should be noted that the existing sound barriers described above presumably met the requirements of the approved noise reports at the time of registration. However, with the increase in truck traffic and the anticipated widening from two to four lanes, the existing barriers are shorter than the required height to meet even the 60 dBA design objective.

## 6.0 PUBLIC INFORMATION CENTRE

A public information centre was held at Caledon Centre for Recreation and Wellness in the Town of Bolton on November 29, 2017. Comments were received in writing at that meeting and are included as Appendix G. A summary of the discussion in the meeting (verbal comments and discussion) is also presented in Appendix G.

## 7.0 CONCLUSION

In comparing the measured sound data at the 3 representative locations with the predicted sound levels (based on traffic counts which were conducted concurrently with the sound data collection) the agreement was noted as being very good.

Future forecast traffic data values were used to predict future sound levels at the OLA's as well as at the exterior facades of the dwellings within the study area. Based on the predicted sound levels, sound barrier generally ranging from 2.8m to 3.7m in height would be required to meet the 60 dBA sound level (this is 5 dBA in excess of the MOECC guideline limit of 55 dBA). Sound barriers to meet the 55 dBA limit would be generally 5.1m to 7.4m, and as such are not practical.

ILM/tk  
J:\2017\1170273\000\Reports\Bolton Noise v1\_0 Fnl.docx

# **APPENDIX A**

## **TRAFFIC COUNT DATA**

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

**NB**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/19/17	0	64	5	0	0	1	0	1	0	0	0	0	0	71
01:00	0	20	0	0	0	0	0	0	1	0	1	0	0	22
02:00	0	16	7	0	0	0	0	0	2	2	0	0	0	27
03:00	1	14	2	0	0	1	0	0	4	3	0	0	0	25
04:00	0	19	2	0	0	3	0	0	<b>13</b>	<b>6</b>	0	0	0	43
05:00	1	78	25	<b>1</b>	3	7	0	5	8	6	5	0	6	145
06:00	2	95	50	0	1	<b>11</b>	1	14	9	2	20	0	12	217
07:00	0	70	24	0	3	4	2	<b>20</b>	4	3	24	<b>4</b>	<b>19</b>	177
08:00	2	69	23	1	4	4	0	15	8	2	<b>37</b>	0	15	180
09:00	1	<b>164</b>	57	0	<b>7</b>	6	<b>3</b>	7	3	4	10	0	1	263
10:00	<b>3</b>	147	50	0	3	5	2	5	5	3	7	1	8	239
11:00	2	160	<b>59</b>	0	2	10	1	11	8	6	9	1	7	<b>276</b>
12 PM	5	210	55	0	6	7	2	15	3	1	11	2	15	332
13:00	2	203	65	<b>1</b>	9	5	1	8	6	2	14	0	9	325
14:00	6	307	83	1	<b>11</b>	5	2	13	5	3	24	2	10	472
15:00	6	391	121	0	6	9	2	16	11	4	35	1	20	622
16:00	7	<b>519</b>	<b>143</b>	1	3	<b>13</b>	5	36	<b>15</b>	7	<b>37</b>	4	39	<b>829</b>
17:00	<b>10</b>	373	102	0	3	11	<b>10</b>	<b>38</b>	8	<b>8</b>	30	<b>7</b>	<b>89</b>	689
18:00	3	442	118	0	2	3	2	4	2	1	26	3	13	619
19:00	1	313	71	0	0	2	0	5	0	3	8	1	2	406
20:00	0	200	65	0	1	1	0	3	1	1	11	0	1	284
21:00	2	213	31	0	0	0	0	2	0	1	1	0	1	251
22:00	0	122	19	0	0	0	1	2	2	1	5	0	0	152
23:00	1	106	17	0	0	2	0	1	1	0	2	0	0	130
Day Total	55	4315	1194	5	64	110	34	221	119	69	317	26	267	6796
Percent	0.8%	63.5%	17.6%	0.1%	0.9%	1.6%	0.5%	3.3%	1.8%	1.0%	4.7%	0.4%	3.9%	
AM Peak	10:00	09:00	11:00	05:00	09:00	06:00	09:00	07:00	04:00	04:00	08:00	07:00	07:00	11:00
Vol.	3	164	59	1	7	11	3	20	13	6	37	4	19	276
PM Peak	17:00	16:00	16:00	13:00	14:00	16:00	17:00	17:00	16:00	17:00	16:00	17:00	17:00	16:00
Vol.	10	519	143	1	11	13	10	38	15	8	37	7	89	829

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NB

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09/20/17	0	60	8	0	0	0	0	0	0	0	0	0	0	68
01:00	0	37	4	0	0	1	0	0	0	0	1	0	0	43
02:00	0	17	4	0	1	0	0	0	2	1	0	0	0	25
03:00	0	13	5	0	0	0	0	0	3	2	0	0	0	23
04:00	0	15	5	0	0	5	0	0	10	9	2	0	0	46
05:00	1	71	24	0	0	10	1	3	9	5	2	1	7	134
06:00	1	76	41	0	3	5	0	7	6	6	20	0	21	186
07:00	1	86	19	0	2	6	0	8	7	5	19	5	26	184
08:00	0	54	22	0	4	2	1	15	5	2	15	2	27	149
09:00	1	106	49	0	2	9	3	8	12	3	16	1	10	220
10:00	1	161	49	0	9	9	1	7	5	4	17	0	3	266
11:00	3	158	57	0	2	9	2	5	5	6	10	0	7	264
12 PM	2	215	62	1	5	12	2	6	4	6	8	0	5	328
13:00	3	222	61	0	12	6	0	8	7	6	15	2	9	351
14:00	3	247	84	0	11	5	1	10	8	4	13	0	9	395
15:00	11	400	106	1	7	3	3	23	6	4	28	1	28	621
16:00	12	538	143	0	8	8	6	23	19	9	32	2	43	843
17:00	7	553	111	0	2	3	2	20	7	10	39	2	40	796
18:00	7	429	100	0	2	6	0	20	4	3	31	1	19	622
19:00	1	311	67	0	2	5	1	9	3	1	7	2	6	415
20:00	2	262	53	0	2	0	0	8	2	1	9	0	4	343
21:00	0	183	36	0	0	1	0	4	0	0	4	0	2	230
22:00	0	138	27	0	0	0	0	1	0	0	0	0	0	166
23:00	0	110	19	0	0	0	0	0	0	0	0	0	1	130
Day Total	56	4462	1156	2	74	105	23	185	124	87	288	19	267	6848
Percent	0.8%	65.2%	16.9%	0.0%	1.1%	1.5%	0.3%	2.7%	1.8%	1.3%	4.2%	0.3%	3.9%	
AM Peak	11:00	10:00	11:00		10:00	05:00	09:00	08:00	09:00	04:00	06:00	07:00	08:00	10:00
Vol.	3	161	57		9	10	3	15	12	9	20	5	27	266
PM Peak	16:00	17:00	16:00	12:00	13:00	12:00	16:00	15:00	16:00	17:00	17:00	13:00	16:00	16:00
Vol.	12	553	143	1	12	12	6	23	19	10	39	2	43	843

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 Date Start: 19-Sep-17

## NB

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09/21/17	0	60	6	0	0	0	0	1	0	0	0	0	0	67
01:00	0	28	3	0	0	0	1	0	1	0	0	0	0	33
02:00	0	18	3	0	0	1	0	0	1	0	0	0	0	23
03:00	1	16	3	0	0	2	0	0	7	4	0	0	0	33
04:00	1	22	6	0	0	2	0	0	8	7	0	0	0	46
05:00	2	78	23	0	1	4	0	5	5	6	5	1	10	140
06:00	0	81	31	1	2	10	0	7	10	6	17	0	13	178
07:00	3	79	41	0	3	3	2	14	8	2	14	2	22	193
08:00	1	120	49	1	11	8	2	12	6	3	25	4	13	255
09:00	1	146	60	1	8	9	0	11	5	3	20	2	12	278
10:00	3	158	56	0	6	9	0	11	9	6	8	1	6	273
11:00	4	170	67	1	7	6	1	10	8	4	19	1	10	308
12 PM	6	212	64	1	7	8	2	11	3	7	9	0	3	333
13:00	3	227	60	0	6	9	2	10	1	5	11	1	5	340
14:00	3	304	79	0	16	4	2	13	10	5	17	0	13	466
15:00	13	389	122	0	5	7	4	28	7	10	29	3	20	637
16:00	10	654	159	0	9	8	1	25	11	7	38	4	25	951
17:00	11	520	106	0	2	3	6	23	8	4	50	5	22	760
18:00	5	398	132	1	4	2	1	20	9	2	27	1	21	623
19:00	0	345	71	0	2	3	1	14	1	1	25	0	15	478
20:00	2	274	43	0	1	3	0	3	2	0	7	0	1	336
21:00	0	230	38	0	1	0	0	2	0	1	2	0	2	276
22:00	0	161	24	0	0	1	0	0	0	1	2	0	1	190
23:00	0	103	19	0	0	0	0	2	0	0	0	0	0	124
Day Total	69	4793	1265	6	91	102	25	222	120	84	325	25	214	7341
Percent	0.9%	65.3%	17.2%	0.1%	1.2%	1.4%	0.3%	3.0%	1.6%	1.1%	4.4%	0.3%	2.9%	
AM Peak	11:00	11:00	11:00	06:00	08:00	06:00	07:00	07:00	06:00	04:00	08:00	08:00	07:00	11:00
Vol.	4	170	67	1	11	10	2	14	10	7	25	4	22	308
PM Peak	15:00	16:00	16:00	12:00	14:00	13:00	17:00	15:00	16:00	15:00	17:00	17:00	16:00	16:00
Vol.	13	654	159	1	16	9	6	28	11	10	50	5	25	951

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09/22/17	0	62	8	0	0	0	0	0	0	0	0	0	0	70
01:00	1	31	4	0	0	1	0	0	0	0	0	0	0	37
02:00	0	17	6	0	0	0	0	0	0	1	0	0	0	24
03:00	0	17	4	0	0	1	0	0	3	4	0	0	0	29
04:00	0	21	4	0	0	2	0	1	7	7	1	0	1	44
05:00	2	58	32	0	1	11	1	8	9	13	3	1	6	145
06:00	1	80	44	1	3	7	0	12	4	2	14	0	8	176
07:00	2	104	36	0	5	6	0	14	7	5	14	5	23	221
08:00	4	127	50	1	6	9	0	22	11	0	16	0	17	263
09:00	3	134	55	1	6	8	1	13	3	5	17	2	4	252
10:00	5	163	60	0	5	8	0	9	5	7	8	1	10	281
11:00	4	200	78	0	7	9	1	13	8	4	9	2	10	345
12 PM	5	230	69	0	5	13	3	19	6	7	26	1	22	406
13:00	9	299	76	0	2	8	5	11	8	3	16	2	9	448
14:00	14	379	96	2	10	12	1	22	6	8	23	4	19	596
15:00	12	463	122	0	7	6	4	22	15	4	33	0	22	710
16:00	16	573	137	1	4	7	3	30	10	8	37	4	45	875
17:00	7	426	123	0	4	10	2	34	8	9	32	3	57	715
18:00	3	438	103	0	0	2	4	18	10	2	36	3	19	638
19:00	4	357	63	0	3	3	1	9	6	2	16	1	12	477
20:00	2	268	50	0	0	2	0	6	2	1	13	0	2	346
21:00	2	216	41	0	0	1	1	5	3	1	7	0	1	278
22:00	3	156	23	0	2	0	0	3	2	0	4	0	0	193
23:00	0	154	21	0	0	1	0	2	0	0	1	0	0	179
Day Total	99	4973	1305	6	70	127	27	273	133	93	326	29	287	7748
Percent	1.3%	64.2%	16.8%	0.1%	0.9%	1.6%	0.3%	3.5%	1.7%	1.2%	4.2%	0.4%	3.7%	
AM Peak	10:00	11:00	11:00	06:00	11:00	05:00	05:00	08:00	08:00	05:00	09:00	07:00	07:00	11:00
Vol.	5	200	78	1	7	11	1	22	11	13	17	5	23	345
PM Peak	16:00	16:00	16:00	14:00	14:00	12:00	13:00	17:00	15:00	17:00	16:00	14:00	17:00	16:00
Vol.	16	573	137	2	10	13	5	34	15	9	37	4	57	875

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09/23/17	0	112	22	0	1	0	0	0	1	0	1	0	0	137
01:00	1	62	3	0	1	0	0	1	0	0	0	0	0	68
02:00	1	42	6	0	0	0	0	1	4	1	1	0	0	56
03:00	0	24	3	0	0	1	0	0	3	1	0	0	0	32
04:00	0	14	5	0	0	1	0	1	15	3	0	0	0	39
05:00	0	22	7	0	0	4	0	1	7	4	0	0	0	45
06:00	1	73	30	0	2	3	3	3	0	4	3	0	1	123
07:00	2	88	39	0	2	8	0	12	1	1	3	0	2	158
08:00	4	162	47	0	3	3	0	15	2	2	9	1	3	251
09:00	1	207	43	0	0	4	4	19	9	4	16	3	6	316
10:00	7	246	64	0	6	4	2	25	3	3	20	4	10	394
11:00	4	320	77	0	1	4	1	13	10	2	21	0	11	464
12 PM	7	321	67	0	5	7	1	17	8	2	29	0	13	477
13:00	10	361	67	0	2	3	0	14	6	2	17	0	15	497
14:00	10	308	64	0	1	3	0	15	9	2	16	0	5	433
15:00	7	284	62	0	4	3	2	12	5	2	19	2	6	408
16:00	5	298	47	0	0	2	0	10	1	2	26	3	11	405
17:00	8	267	54	0	5	2	0	6	1	0	13	1	7	364
18:00	4	254	42	0	1	4	0	4	2	0	12	1	4	328
19:00	5	234	34	0	0	2	1	3	0	0	10	0	1	290
20:00	1	179	40	0	1	0	0	3	1	1	4	0	2	232
21:00	0	163	23	0	0	0	1	3	0	0	1	1	2	194
22:00	0	145	18	0	0	0	0	1	0	0	2	0	0	166
23:00	1	136	16	0	0	1	1	2	0	0	4	0	0	161
Day Total	79	4322	880	0	35	59	16	181	88	36	227	16	99	6038
Percent	1.3%	71.6%	14.6%	0.0%	0.6%	1.0%	0.3%	3.0%	1.5%	0.6%	3.8%	0.3%	1.6%	
AM Peak	10:00	11:00	11:00		10:00	07:00	09:00	10:00	04:00	05:00	11:00	10:00	11:00	11:00
Vol.	7	320	77		6	8	4	25	15	4	21	4	11	464
PM Peak	13:00	13:00	12:00		12:00	12:00	15:00	12:00	14:00	12:00	12:00	16:00	13:00	13:00
Vol.	10	361	67		5	7	2	17	9	2	29	3	15	497

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09/24/17	0	126	11	0	1	0	0	0	0	1	1	0	0	140
01:00	0	82	7	0	0	0	0	1	1	0	1	0	0	92
02:00	0	49	5	0	0	0	0	0	0	0	1	0	0	55
03:00	0	23	2	0	1	0	0	0	0	0	0	0	0	26
04:00	0	20	3	0	0	0	0	0	0	0	0	0	0	23
05:00	0	18	6	0	0	0	0	0	0	1	0	0	0	25
06:00	0	38	9	0	0	0	0	0	0	1	0	0	1	49
07:00	1	56	15	0	1	0	0	0	0	1	0	0	0	74
08:00	4	105	26	0	2	0	1	2	1	1	4	1	1	148
09:00	6	142	34	0	1	1	0	4	0	0	9	0	2	199
10:00	8	199	41	0	2	2	1	8	2	1	22	0	5	291
11:00	5	250	41	0	1	0	1	6	2	1	8	1	8	324
12 PM	11	295	59	0	1	4	4	15	2	0	18	1	5	415
13:00	7	255	46	0	2	0	1	11	4	0	13	3	3	345
14:00	7	265	48	0	0	2	0	12	3	0	15	0	5	357
15:00	6	250	40	0	2	1	4	6	4	1	18	2	8	342
16:00	8	227	51	0	0	1	0	8	4	0	11	0	6	316
17:00	3	261	35	0	0	1	2	7	2	0	20	0	3	334
18:00	5	237	29	0	0	2	0	5	4	0	10	0	4	296
19:00	5	215	30	0	0	0	0	4	2	0	13	2	7	278
20:00	2	182	20	0	0	2	0	8	1	1	8	0	3	227
21:00	1	158	21	0	1	0	0	3	1	0	7	1	2	195
22:00	0	108	18	0	0	1	0	1	0	0	1	0	0	129
23:00	0	75	9	0	0	0	0	1	0	0	0	0	0	85
Day Total	79	3636	606	0	15	17	14	102	33	9	180	11	63	4765
Percent	1.7%	76.3%	12.7%	0.0%	0.3%	0.4%	0.3%	2.1%	0.7%	0.2%	3.8%	0.2%	1.3%	
AM Peak	10:00	11:00	10:00		08:00	10:00	08:00	10:00	10:00	00:00	10:00	08:00	11:00	11:00
Vol.	8	250	41		2	2	1	8	2	1	22	1	8	324
PM Peak	12:00	12:00	12:00		13:00	12:00	12:00	12:00	13:00	15:00	17:00	13:00	15:00	12:00
Vol.	11	295	59		2	4	4	15	4	1	20	3	8	415

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
Newmarket, Ontario L3Y 3E3  
Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
Station ID: D57/D120  
Albion Vaughan Rd north of Queensgate  
Blvd  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/25/17	0	33	7	0	0	0	0	0	0	0	0	0	0	40
01:00	0	14	2	0	0	0	0	0	0	2	0	0	0	18
02:00	0	8	3	0	0	0	0	0	4	0	0	0	0	15
03:00	0	10	2	0	0	0	0	0	9	6	0	0	0	27
04:00	0	22	5	0	0	6	0	1	9	10	0	0	0	53
05:00	1	58	26	0	0	7	0	4	7	15	4	0	7	129
06:00	1	97	46	0	1	11	2	10	7	8	19	1	6	209
07:00	1	52	24	1	3	7	1	17	10	2	13	1	27	159
08:00	0	93	33	0	4	3	1	12	7	4	25	1	21	204
09:00	4	124	45	0	10	9	1	8	6	6	15	2	9	239
10:00	2	136	58	0	9	7	0	13	9	2	7	1	6	250
11:00	1	183	45	1	4	7	0	12	7	9	12	2	6	289
12 PM	3	222	62	0	5	9	2	22	8	4	13	1	9	360
13:00	11	203	67	0	0	11	2	13	4	5	23	4	7	350
14:00	3	276	83	0	6	7	2	16	2	2	18	3	8	426
15:00	15	415	115	1	5	6	2	24	2	3	33	3	20	644
16:00	12	524	148	0	9	14	4	26	12	7	32	1	43	832
17:00	7	574	137	1	3	5	2	19	10	7	26	2	38	831
18:00	1	417	75	0	1	3	3	14	8	1	30	2	14	569
19:00	8	310	69	0	2	3	1	14	4	6	13	0	4	434
20:00	2	240	60	0	0	4	1	4	1	0	11	0	2	325
21:00	0	187	35	0	0	0	0	2	1	0	2	0	0	227
22:00	1	129	21	0	0	1	0	0	1	0	2	0	0	155
23:00	1	86	23	0	1	1	0	1	3	0	0	0	0	116
Day Total	74	4413	1191	4	63	121	24	232	131	99	298	24	227	6901
Percent	1.1%	63.9%	17.3%	0.1%	0.9%	1.8%	0.3%	3.4%	1.9%	1.4%	4.3%	0.3%	3.3%	
AM Peak	09:00	11:00	10:00	07:00	09:00	06:00	06:00	07:00	07:00	05:00	08:00	09:00	07:00	11:00
Vol.	4	183	58	1	10	11	2	17	10	15	25	2	27	289
PM Peak	15:00	17:00	16:00	15:00	16:00	16:00	16:00	16:00	16:00	16:00	15:00	13:00	16:00	16:00
Vol.	15	574	148	1	9	14	4	26	12	7	33	4	43	832

Ontario Traffic, Inc.  
 17705 Leslie St., Unit 6  
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 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/26/17	0	50	6	0	0	0	0	0	1	0	0	0	0	57
01:00	1	32	3	0	0	1	0	0	0	0	0	0	0	37
02:00	0	21	4	0	1	0	0	0	0	0	0	0	0	26
03:00	0	9	0	0	0	1	0	0	6	6	0	0	0	22
04:00	0	25	2	0	0	0	0	0	7	13	0	0	0	47
05:00	1	72	29	1	2	12	0	3	9	12	4	0	10	155
06:00	2	108	54	0	1	17	0	6	9	9	22	4	7	239
07:00	1	81	28	0	6	2	0	16	7	3	29	4	16	193
08:00	4	126	40	0	4	8	1	22	7	13	33	1	23	282
09:00	5	136	47	0	3	11	3	22	8	8	18	0	19	280
10:00	3	151	58	0	5	9	1	13	5	7	13	0	11	276
11:00	4	164	47	0	9	12	0	14	6	5	16	2	16	295
12 PM	7	207	59	0	3	10	1	18	3	5	9	2	16	340
13:00	5	218	54	0	8	3	3	18	7	3	9	0	9	337
14:00	10	305	94	0	9	9	2	24	5	4	19	1	18	500
15:00	8	391	111	0	9	5	1	16	9	3	18	2	29	602
16:00	12	523	130	0	2	8	4	33	10	4	33	4	45	808
17:00	12	519	126	0	5	7	1	36	14	10	34	1	61	826
18:00	9	441	113	0	2	2	1	21	6	6	28	0	17	646
19:00	5	332	79	0	3	3	1	14	7	1	14	1	6	466
20:00	2	260	34	0	0	2	1	2	0	0	11	1	1	314
21:00	1	193	46	0	0	0	0	1	0	2	3	0	1	247
22:00	0	124	21	0	1	0	0	0	1	0	3	0	2	152
23:00	0	81	19	0	0	0	0	0	3	0	0	0	0	103
Day Total	92	4569	1204	1	73	122	20	279	130	114	316	23	307	7250
Percent	1.3%	63.0%	16.6%	0.0%	1.0%	1.7%	0.3%	3.8%	1.8%	1.6%	4.4%	0.3%	4.2%	
AM Peak	09:00	11:00	10:00	05:00	11:00	06:00	09:00	08:00	05:00	04:00	08:00	06:00	08:00	11:00
Vol.	5	164	58	1	9	17	3	22	9	13	33	4	23	295
PM Peak	16:00	16:00	16:00		14:00	12:00	16:00	17:00	17:00	17:00	17:00	16:00	17:00	17:00
Vol.	12	523	130		9	10	4	36	14	10	34	4	61	826

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Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/27/17	1	54	7	0	0	0	0	0	0	0	1	0	0	63
01:00	0	34	5	0	0	0	0	0	0	0	0	0	0	39
02:00	0	27	4	0	0	0	0	0	2	1	0	0	0	34
03:00	0	11	3	0	0	0	0	0	3	4	0	0	0	21
04:00	0	22	4	0	0	4	0	0	5	6	0	1	0	42
05:00	2	74	31	0	1	10	0	3	5	9	3	1	2	141
06:00	1	99	44	0	2	12	1	10	10	2	19	1	15	216
07:00	4	74	34	0	2	1	1	20	9	5	24	5	35	214
08:00	2	136	40	1	7	10	1	12	12	9	31	2	12	275
09:00	4	155	52	0	7	9	3	14	5	6	15	1	11	282
10:00	6	141	57	0	5	10	1	15	9	2	12	0	9	267
11:00	5	191	49	0	9	10	1	16	5	5	12	1	10	314
12 PM	8	207	62	1	7	7	1	15	6	3	13	1	8	339
13:00	5	210	62	0	3	4	1	9	6	9	11	1	8	329
14:00	3	236	89	0	7	8	0	18	7	4	19	1	7	399
15:00	6	412	119	0	5	1	4	27	5	5	39	4	19	646
16:00	8	604	133	0	8	15	2	28	11	3	37	3	45	897
17:00	5	522	131	0	3	6	1	24	4	2	26	2	3	729
18:00	8	443	116	0	2	4	2	22	4	3	20	1	37	662
19:00	1	331	71	0	3	2	0	9	1	2	13	0	4	437
20:00	1	267	42	0	0	2	0	3	0	1	5	0	0	321
21:00	0	195	30	0	0	2	0	7	0	0	3	0	1	238
22:00	2	154	26	0	1	1	0	2	0	1	2	0	0	189
23:00	0	107	17	0	0	0	0	0	1	0	2	0	1	128
Day Total	72	4706	1228	2	72	118	19	254	110	82	307	25	227	7222
Percent	1.0%	65.2%	17.0%	0.0%	1.0%	1.6%	0.3%	3.5%	1.5%	1.1%	4.3%	0.3%	3.1%	
AM Peak	10:00	11:00	10:00	08:00	11:00	06:00	09:00	07:00	08:00	05:00	08:00	07:00	07:00	11:00
Vol.	6	191	57	1	9	12	3	20	12	9	31	5	35	314
PM Peak	12:00	16:00	16:00	12:00	16:00	16:00	15:00	16:00	16:00	13:00	15:00	15:00	16:00	16:00
Vol.	8	604	133	1	8	15	4	28	11	9	39	4	45	897

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Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	68	8	0	0	0	0	0	1	0	0	0	0	77
01:00	0	29	4	0	0	1	0	0	0	0	0	0	0	34
02:00	0	19	5	0	0	0	0	0	4	0	1	0	1	30
03:00	0	9	1	0	0	0	0	0	3	3	0	0	0	16
04:00	0	28	6	0	0	4	0	1	<b>8</b>	<b>9</b>	0	0	0	56
05:00	1	69	18	0	2	8	0	5	1	8	4	0	7	123
06:00	1	93	46	0	1	<b>13</b>	0	16	5	7	<b>20</b>	1	9	212
07:00	3	48	16	0	3	1	0	13	2	8	17	<b>4</b>	<b>25</b>	140
08:00	<b>5</b>	74	12	0	3	2	<b>1</b>	<b>23</b>	2	3	17	3	23	168
09:00	2	122	37	0	6	7	0	13	6	6	16	0	3	218
10:00	2	157	45	0	<b>7</b>	11	0	12	3	7	9	3	6	262
11:00	0	<b>183</b>	<b>53</b>	<b>1</b>	4	7	1	14	3	3	10	0	7	<b>286</b>
12 PM	3	215	58	0	9	11	0	17	5	5	10	1	6	340
13:00	3	212	62	0	5	11	0	9	0	3	7	0	5	317
14:00	<b>7</b>	291	95	0	<b>13</b>	3	0	15	<b>6</b>	3	18	2	9	462
15:00	2	416	140	0	11	6	0	25	2	2	34	<b>3</b>	12	653
16:00	1	568	<b>178</b>	1	10	10	<b>1</b>	<b>46</b>	0	7	<b>35</b>	3	32	<b>892</b>
17:00	6	<b>628</b>	131	0	4	6	0	42	1	3	35	0	29	885
18:00	6	376	98	<b>2</b>	7	7	0	44	1	<b>13</b>	25	2	<b>33</b>	614
19:00	5	313	45	0	6	<b>13</b>	1	23	2	4	26	0	11	449
20:00	2	255	32	1	5	5	0	17	1	2	9	0	9	338
21:00	4	193	21	1	4	7	0	12	2	1	5	0	1	251
22:00	1	149	16	0	6	6	0	5	0	0	2	0	2	187
23:00	3	91	12	1	3	2	0	1	0	0	1	0	0	114
Day Total	57	4606	1139	7	109	141	4	353	58	97	301	22	230	7124
Percent	0.8%	64.7%	16.0%	0.1%	1.5%	2.0%	0.1%	5.0%	0.8%	1.4%	4.2%	0.3%	3.2%	
AM Peak	08:00	11:00	11:00	11:00	10:00	06:00	08:00	08:00	04:00	04:00	06:00	07:00	07:00	11:00
Vol.	5	183	53	1	7	13	1	23	8	9	20	4	25	286
PM Peak	14:00	17:00	16:00	18:00	14:00	19:00	16:00	16:00	14:00	18:00	16:00	15:00	18:00	16:00
Vol.	7	628	178	2	13	13	1	46	6	13	35	3	33	892

**Ontario Traffic, Inc.**  
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Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

**NB**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	68	7	0	4	0	0	0	2	2	0	0	0	83
01:00	1	24	6	0	1	0	0	0	2	0	0	0	0	34
02:00	0	23	3	0	2	0	0	0	1	1	0	0	0	30
03:00	0	18	2	0	0	0	0	0	4	1	0	0	0	25
04:00	0	20	5	0	0	2	0	0	<b>14</b>	<b>9</b>	1	1	2	54
05:00	1	61	22	0	1	<b>6</b>	0	6	8	6	3	1	10	125
06:00	3	72	32	<b>1</b>	0	6	<b>2</b>	11	4	8	11	1	11	162
07:00	1	131	33	0	<b>5</b>	5	1	17	5	2	16	<b>3</b>	19	238
08:00	2	107	46	0	2	6	0	<b>28</b>	3	3	<b>25</b>	1	<b>24</b>	247
09:00	4	126	57	0	3	3	1	12	10	4	21	2	18	261
10:00	<b>7</b>	173	55	0	2	4	1	15	6	4	9	1	14	291
11:00	5	<b>189</b>	<b>64</b>	0	0	4	0	19	8	6	7	1	17	<b>320</b>
12 PM	5	242	78	0	10	4	0	8	3	5	23	2	9	389
13:00	4	277	59	1	11	<b>6</b>	0	17	<b>4</b>	1	21	0	<b>15</b>	416
14:00	6	398	92	1	<b>13</b>	5	0	16	1	2	24	1	14	573
15:00	4	524	107	2	3	2	0	13	1	1	31	2	7	697
16:00	0	<b>638</b>	135	0	7	3	0	<b>28</b>	0	3	33	2	6	<b>855</b>
17:00	<b>7</b>	453	<b>196</b>	0	12	1	<b>1</b>	9	2	4	<b>36</b>	2	0	723
18:00	6	429	125	1	9	3	0	12	0	<b>7</b>	27	0	2	621
19:00	4	311	99	<b>3</b>	11	2	0	3	0	2	24	<b>3</b>	1	463
20:00	3	214	107	1	9	3	1	4	1	0	16	3	2	364
21:00	1	202	45	3	7	1	0	2	0	1	6	0	1	269
22:00	3	140	33	2	6	0	0	2	0	0	1	0	1	188
23:00	0	144	21	0	2	0	0	0	0	0	0	0	0	167
Day Total	67	4984	1429	15	120	66	7	222	79	72	335	26	173	7595
Percent	0.9%	65.6%	18.8%	0.2%	1.6%	0.9%	0.1%	2.9%	1.0%	0.9%	4.4%	0.3%	2.3%	
AM Peak	10:00	11:00	11:00	06:00	07:00	05:00	06:00	08:00	04:00	04:00	08:00	07:00	08:00	11:00
Vol.	7	189	64	1	5	6	2	28	14	9	25	3	24	320
PM Peak	17:00	16:00	17:00	19:00	14:00	13:00	17:00	16:00	13:00	18:00	17:00	19:00	13:00	16:00
Vol.	7	638	196	3	13	6	1	28	4	7	36	3	15	855

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 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	105	26	0	0	0	0	0	0	0	2	0	0	133
01:00	0	69	7	0	0	0	0	0	0	0	0	0	0	76
02:00	0	49	2	0	1	0	0	0	0	0	0	0	0	52
03:00	0	24	2	0	0	1	0	0	0	1	1	0	0	29
04:00	1	26	4	0	0	0	0	0	0	3	0	0	0	34
05:00	0	34	3	0	0	1	0	0	1	1	0	1	0	41
06:00	1	102	6	0	1	3	0	2	0	2	1	0	1	119
07:00	1	124	29	0	2	5	0	0	2	1	3	0	0	167
08:00	3	187	33	0	3	2	0	3	3	4	8	1	2	249
09:00	4	231	41	1	3	1	0	0	7	2	15	0	2	307
10:00	5	269	46	0	4	4	0	3	11	2	19	0	8	371
11:00	6	317	57	0	1	3	1	1	8	0	27	2	13	436
12 PM	4	344	63	0	5	2	0	0	10	3	24	0	12	467
13:00	5	366	65	0	2	2	1	0	8	3	21	0	15	488
14:00	5	335	59	1	2	0	0	1	7	1	19	2	11	443
15:00	8	282	67	0	0	0	2	1	6	2	13	2	14	397
16:00	7	320	52	0	1	2	0	2	3	1	16	0	8	412
17:00	2	235	55	0	3	4	3	2	6	0	22	1	13	346
18:00	6	235	46	0	1	3	0	0	2	0	15	1	7	316
19:00	0	208	43	0	1	1	0	1	4	1	11	0	6	276
20:00	3	172	32	0	0	2	1	0	1	0	6	0	4	221
21:00	1	146	29	0	1	1	0	1	2	0	3	1	1	186
22:00	1	130	24	0	0	0	0	0	1	0	1	0	2	159
23:00	0	123	16	0	0	0	0	1	0	0	4	0	0	144
Day Total	63	4433	807	2	31	37	8	18	82	27	231	11	119	5869
Percent	1.1%	75.5%	13.8%	0.0%	0.5%	0.6%	0.1%	0.3%	1.4%	0.5%	3.9%	0.2%	2.0%	
AM Peak	11:00	11:00	11:00	09:00	10:00	07:00	11:00	08:00	10:00	08:00	11:00	11:00	11:00	11:00
Vol.	6	317	57	1	4	5	1	3	11	4	27	2	13	436
PM Peak	15:00	13:00	15:00	14:00	12:00	17:00	17:00	16:00	12:00	12:00	12:00	14:00	13:00	13:00
Vol.	8	366	67	1	5	4	3	2	10	3	24	2	15	488

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	120	13	0	0	0	0	0	0	0	1	0	2	136
01:00	1	93	8	0	0	0	0	0	0	0	0	0	0	102
02:00	0	42	6	0	0	0	0	0	0	0	0	0	1	49
03:00	0	21	3	0	0	1	0	0	0	0	1	0	0	26
04:00	0	13	5	0	0	0	0	0	1	1	1	0	0	21
05:00	0	20	2	0	0	0	0	0	0	1	0	0	0	23
06:00	2	30	9	0	1	0	1	0	0	0	1	0	0	44
07:00	2	66	13	0	1	0	0	1	1	1	2	0	0	87
08:00	0	93	27	0	2	2	1	4	1	2	5	1	1	139
09:00	1	140	33	0	2	0	0	5	2	0	8	0	1	192
10:00	3	199	39	0	0	0	0	5	1	2	19	1	2	271
11:00	6	260	43	0	0	1	1	6	3	1	11	1	3	336
12 PM	4	296	55	1	2	4	1	9	4	1	13	0	7	397
13:00	4	252	52	0	1	4	2	12	2	1	16	1	5	352
14:00	7	249	49	0	1	2	0	13	3	0	12	3	5	344
15:00	5	252	43	0	0	0	3	8	0	0	18	1	9	339
16:00	3	253	39	0	0	1	0	5	2	0	15	0	4	322
17:00	4	231	44	0	0	3	1	5	3	1	17	2	5	316
18:00	2	201	31	1	0	1	1	7	1	0	22	1	8	276
19:00	2	205	29	0	1	1	2	2	2	0	14	0	5	263
20:00	1	162	25	0	0	0	0	6	4	0	9	1	5	213
21:00	0	147	22	0	0	0	0	3	2	1	6	0	7	188
22:00	1	102	16	0	0	0	0	1	1	0	1	0	4	126
23:00	0	68	9	0	0	0	0	2	0	0	0	0	0	79
Day Total	48	3515	615	2	11	20	13	94	33	12	192	12	74	4641
Percent	1.0%	75.7%	13.3%	0.0%	0.2%	0.4%	0.3%	2.0%	0.7%	0.3%	4.1%	0.3%	1.6%	
AM Peak	11:00	11:00	11:00		08:00	08:00	06:00	11:00	11:00	08:00	10:00	08:00	11:00	11:00
Vol.	6	260	43		2	2	1	6	3	2	19	1	3	336
PM Peak	14:00	12:00	12:00	12:00	12:00	12:00	15:00	14:00	12:00	12:00	18:00	14:00	15:00	12:00
Vol.	7	296	55	1	2	4	3	13	4	1	22	3	9	397

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 Date Start: 19-Sep-17  
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	24	7	0	0	1	0	0	1	0	0	0	0	33
01:00	0	8	5	0	0	0	0	0	1	2	0	0	0	16
02:00	0	9	2	0	0	0	0	0	0	1	0	0	0	12
03:00	0	15	4	0	0	0	0	3	2	4	0	0	0	28
04:00	2	17	6	0	2	2	0	1	5	8	1	0	0	44
05:00	0	59	22	0	0	5	1	7	8	5	6	0	6	119
06:00	1	94	39	0	1	6	0	14	6	7	13	0	8	189
07:00	1	48	33	0	4	9	1	18	9	3	15	1	22	164
08:00	2	69	41	1	8	11	2	16	13	4	22	0	24	213
09:00	5	136	31	0	5	5	0	14	11	2	14	2	14	239
10:00	3	149	46	0	7	7	0	12	8	5	11	0	7	255
11:00	12	167	47	1	2	6	2	12	5	6	8	1	16	285
12 PM	10	194	59	0	4	6	3	11	9	4	11	0	9	320
13:00	7	200	63	1	3	6	2	7	6	3	8	0	16	322
14:00	7	258	72	0	7	8	3	12	6	6	14	2	16	411
15:00	21	388	114	0	7	6	1	17	17	1	22	3	39	636
16:00	48	506	110	3	5	7	2	21	11	8	43	7	33	804
17:00	21	540	138	0	3	7	4	24	15	7	41	2	69	871
18:00	3	443	125	0	1	2	1	14	2	0	19	0	16	626
19:00	2	310	93	0	1	4	0	7	0	1	7	0	3	428
20:00	2	236	41	0	0	3	0	2	2	0	7	0	1	294
21:00	0	172	31	0	0	1	0	0	2	0	6	0	0	212
22:00	1	93	18	0	0	0	0	1	1	0	2	0	0	116
23:00	1	82	18	0	0	1	0	0	0	0	0	0	1	103
Day Total	149	4217	1165	6	60	103	22	213	140	77	270	18	300	6740
Percent	2.2%	62.6%	17.3%	0.1%	0.9%	1.5%	0.3%	3.2%	2.1%	1.1%	4.0%	0.3%	4.5%	
AM Peak	11:00	11:00	11:00	08:00	08:00	08:00	08:00	07:00	08:00	04:00	08:00	09:00	08:00	11:00
Vol.	12	167	47	1	8	11	2	18	13	8	22	2	24	285
PM Peak	16:00	17:00	17:00	16:00	14:00	14:00	17:00	17:00	15:00	16:00	16:00	16:00	17:00	17:00
Vol.	48	540	138	3	7	8	4	24	17	8	43	7	69	871
Grand Total	1059	61944	15184	58	888	1248	256	2849	1380	958	3913	287	2854	92878
Percent	1.1%	66.7%	16.3%	0.1%	1.0%	1.3%	0.3%	3.1%	1.5%	1.0%	4.2%	0.3%	3.1%	

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 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/19/17	0	19	7	0	1	0	0	0	0	0	1	0	0	28
01:00	0	20	5	0	1	1	0	0	0	2	0	0	0	29
02:00	0	10	4	0	0	0	0	0	0	0	1	0	0	15
03:00	0	15	4	0	0	0	0	0	0	0	0	0	0	19
04:00	0	68	20	0	0	1	0	0	1	1	0	0	0	91
05:00	0	232	125	0	1	3	0	4	1	2	3	0	4	375
06:00	1	414	<b>183</b>	<b>2</b>	2	6	2	16	5	3	16	0	19	669
07:00	4	<b>500</b>	116	0	<b>9</b>	9	<b>7</b>	<b>44</b>	<b>14</b>	2	<b>26</b>	<b>4</b>	70	<b>805</b>
08:00	<b>6</b>	452	117	0	8	<b>13</b>	7	40	12	<b>9</b>	14	3	<b>77</b>	758
09:00	1	360	96	1	7	5	1	14	8	5	14	2	17	531
10:00	2	235	86	1	8	10	1	13	7	4	10	3	10	390
11:00	0	259	86	1	8	7	4	15	1	8	10	3	8	410
12 PM	5	218	79	0	3	10	1	12	11	5	9	0	5	358
13:00	3	<b>245</b>	78	2	7	5	1	6	9	<b>6</b>	22	2	5	391
14:00	<b>6</b>	225	<b>81</b>	3	8	9	<b>2</b>	13	5	4	22	3	12	393
15:00	3	238	66	<b>4</b>	<b>12</b>	8	0	<b>23</b>	15	5	40	2	20	<b>436</b>
16:00	2	197	56	1	4	<b>21</b>	1	21	<b>16</b>	3	43	2	20	387
17:00	0	94	27	0	0	7	1	18	6	4	29	<b>7</b>	<b>24</b>	217
18:00	2	217	61	2	3	4	0	21	8	1	<b>45</b>	0	13	377
19:00	3	194	70	0	3	4	0	4	5	1	8	0	3	295
20:00	2	166	36	0	1	1	0	2	2	2	7	1	2	222
21:00	0	113	24	0	0	3	0	1	1	0	4	0	2	148
22:00	0	80	16	0	0	1	1	0	0	0	1	0	0	99
23:00	1	46	7	0	0	0	0	0	1	0	0	0	0	55
Day Total	41	4617	1450	17	86	128	29	267	128	67	325	32	311	7498
Percent	0.5%	61.6%	19.3%	0.2%	1.1%	1.7%	0.4%	3.6%	1.7%	0.9%	4.3%	0.4%	4.1%	
AM Peak	08:00	07:00	06:00	06:00	07:00	08:00	07:00	07:00	07:00	08:00	07:00	07:00	08:00	07:00
Vol.	6	500	183	2	9	13	7	44	14	9	26	4	77	805
PM Peak	14:00	13:00	14:00	15:00	15:00	16:00	14:00	15:00	16:00	13:00	18:00	17:00	17:00	15:00
Vol.	6	245	81	4	12	21	2	23	16	6	45	7	24	436

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09/20/17	1	20	5	0	0	1	0	1	0	0	0	0	1	29
01:00	1	23	3	0	0	1	0	0	0	0	0	0	0	28
02:00	0	15	4	0	1	0	0	0	0	1	0	0	0	21
03:00	0	14	7	0	0	1	0	0	0	0	0	0	0	22
04:00	0	68	19	0	0	1	0	0	2	0	0	0	1	91
05:00	1	219	125	0	3	2	0	3	3	1	4	0	5	366
06:00	4	398	<b>161</b>	0	2	10	2	18	6	3	15	1	27	647
07:00	7	414	132	3	8	8	<b>3</b>	38	9	<b>13</b>	<b>19</b>	<b>10</b>	<b>73</b>	737
08:00	<b>8</b>	<b>473</b>	111	<b>4</b>	7	<b>12</b>	2	<b>50</b>	<b>10</b>	12	17	7	67	<b>780</b>
09:00	3	358	95	2	3	8	1	15	8	13	16	3	17	542
10:00	1	250	75	0	6	9	0	6	5	4	10	2	4	372
11:00	2	246	84	2	<b>9</b>	6	2	5	5	2	13	1	5	382
12 PM	1	197	66	0	4	6	0	5	6	<b>7</b>	12	0	6	310
13:00	2	218	66	1	<b>6</b>	8	1	10	5	3	10	1	8	339
14:00	1	221	<b>79</b>	<b>4</b>	6	8	1	12	9	5	18	2	12	378
15:00	2	<b>245</b>	73	3	4	12	3	<b>20</b>	9	5	41	5	21	<b>443</b>
16:00	0	182	55	0	2	5	<b>4</b>	17	12	7	40	3	<b>28</b>	355
17:00	2	179	48	0	3	<b>13</b>	1	17	<b>16</b>	5	<b>52</b>	<b>7</b>	23	366
18:00	<b>5</b>	218	67	0	5	2	3	14	13	2	30	2	11	372
19:00	4	196	60	1	2	1	0	10	4	2	15	2	6	303
20:00	3	152	41	0	1	2	1	1	2	1	6	1	3	214
21:00	1	110	18	0	0	0	0	7	0	0	4	2	0	142
22:00	2	88	18	0	0	1	0	0	3	0	1	0	1	114
23:00	1	51	11	0	0	2	1	0	0	0	2	0	0	68
Day Total	52	4555	1423	20	72	119	25	249	127	86	325	49	319	7421
Percent	0.7%	61.4%	19.2%	0.3%	1.0%	1.6%	0.3%	3.4%	1.7%	1.2%	4.4%	0.7%	4.3%	
AM Peak	08:00	08:00	06:00	08:00	11:00	08:00	07:00	08:00	08:00	07:00	07:00	07:00	07:00	08:00
Vol.	8	473	161	4	9	12	3	50	10	13	19	10	73	780
PM Peak	18:00	15:00	14:00	14:00	13:00	17:00	16:00	15:00	17:00	12:00	17:00	17:00	16:00	15:00
Vol.	5	245	79	4	6	13	4	20	16	7	52	7	28	443

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09/21/17	0	25	9	0	0	0	0	1	1	0	1	0	0	37
01:00	1	23	5	0	0	1	0	0	0	0	0	0	0	30
02:00	0	14	1	0	0	0	0	0	0	0	1	0	1	17
03:00	0	16	7	0	0	0	0	0	0	0	0	0	0	23
04:00	0	77	18	0	0	1	0	0	2	0	0	0	0	98
05:00	1	208	125	0	1	5	0	4	0	2	3	0	3	352
06:00	0	398	172	0	4	6	1	23	7	7	16	2	30	666
07:00	3	429	120	1	11	6	4	52	9	7	22	4	78	746
08:00	2	521	112	2	15	10	3	35	7	6	27	0	39	779
09:00	2	340	120	0	7	9	0	10	6	9	8	1	13	525
10:00	1	282	71	0	3	7	0	13	8	7	9	0	6	407
11:00	4	228	69	1	9	12	0	6	6	6	9	4	3	357
12 PM	2	248	63	1	5	14	0	3	2	2	13	0	10	363
13:00	2	221	65	0	7	11	1	6	6	9	16	0	4	348
14:00	4	225	76	3	4	6	4	13	5	3	17	1	7	368
15:00	2	247	72	3	8	6	3	11	15	5	45	2	17	436
16:00	1	166	51	1	3	3	0	13	10	6	46	2	17	319
17:00	4	217	61	1	1	10	3	15	18	9	51	3	33	426
18:00	0	241	77	0	4	8	1	22	8	4	33	1	18	417
19:00	2	228	67	1	3	6	1	7	2	3	18	0	5	343
20:00	1	164	36	0	1	1	0	6	1	1	5	0	4	220
21:00	0	111	25	0	0	3	0	1	0	0	3	0	3	146
22:00	0	91	21	0	0	0	0	0	0	0	1	0	0	113
23:00	0	49	9	0	0	0	0	0	2	0	0	0	0	60
Day Total	32	4769	1452	14	86	125	21	241	115	86	344	20	291	7596
Percent	0.4%	62.8%	19.1%	0.2%	1.1%	1.6%	0.3%	3.2%	1.5%	1.1%	4.5%	0.3%	3.8%	
AM Peak	11:00	08:00	06:00	08:00	08:00	11:00	07:00	07:00	07:00	09:00	08:00	07:00	07:00	08:00
Vol.	4	521	172	2	15	12	4	52	9	9	27	4	78	779
PM Peak	14:00	12:00	18:00	14:00	15:00	12:00	14:00	18:00	17:00	13:00	17:00	17:00	17:00	15:00
Vol.	4	248	77	3	8	14	4	22	18	9	51	3	33	436

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09/22/17	1	23	4	0	0	1	0	0	0	0	0	0	1	30
01:00	1	24	3	0	1	1	0	0	1	1	0	0	0	32
02:00	0	14	5	0	0	0	0	0	0	0	0	0	0	19
03:00	0	11	5	0	0	0	0	0	0	1	0	0	0	17
04:00	0	52	18	0	0	0	0	0	0	0	0	0	1	71
05:00	2	198	116	0	0	4	0	3	1	3	8	0	5	340
06:00	4	357	<b>172</b>	1	5	7	0	18	5	4	13	2	36	624
07:00	5	451	141	0	7	5	<b>3</b>	<b>34</b>	<b>9</b>	<b>9</b>	<b>21</b>	<b>4</b>	<b>43</b>	732
08:00	<b>6</b>	<b>523</b>	103	<b>3</b>	9	<b>14</b>	3	31	7	<b>13</b>	17	2	38	<b>769</b>
09:00	3	347	92	0	2	11	1	15	9	5	8	1	16	510
10:00	2	267	75	0	3	6	1	10	7	4	6	1	7	389
11:00	2	239	63	0	<b>10</b>	14	0	8	8	4	12	3	9	372
12 PM	4	241	72	2	<b>8</b>	11	1	8	4	<b>10</b>	13	1	5	380
13:00	3	227	<b>74</b>	2	4	12	1	8	13	7	8	2	4	365
14:00	<b>9</b>	231	64	<b>4</b>	7	5	1	9	4	6	21	3	12	376
15:00	6	242	59	2	3	<b>19</b>	0	16	<b>15</b>	1	31	5	14	<b>413</b>
16:00	7	175	49	0	1	16	2	<b>23</b>	15	7	<b>46</b>	5	<b>36</b>	382
17:00	0	166	45	0	5	6	1	13	12	8	38	<b>6</b>	34	334
18:00	3	237	63	0	3	9	1	15	9	6	41	1	16	404
19:00	0	<b>250</b>	49	0	1	3	<b>3</b>	5	5	2	22	2	8	350
20:00	1	178	38	1	1	1	0	1	3	0	11	0	1	236
21:00	0	142	26	0	0	0	0	1	2	0	5	0	1	177
22:00	2	110	10	0	0	1	0	1	1	0	3	0	1	129
23:00	0	95	13	0	1	0	0	0	0	0	3	0	0	112
Day Total	61	4800	1359	15	71	146	18	219	130	91	327	38	288	7563
Percent	0.8%	63.5%	18.0%	0.2%	0.9%	1.9%	0.2%	2.9%	1.7%	1.2%	4.3%	0.5%	3.8%	
AM Peak	08:00	08:00	06:00	08:00	11:00	08:00	07:00	07:00	07:00	08:00	07:00	07:00	07:00	08:00
Vol.	6	523	172	3	10	14	3	34	9	13	21	4	43	769
PM Peak	14:00	19:00	13:00	14:00	12:00	15:00	19:00	16:00	15:00	12:00	16:00	17:00	16:00	15:00
Vol.	9	250	74	4	8	19	3	23	15	10	46	6	36	413

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/23/17	0	73	17	0	0	1	0	1	0	0	4	0	0	96
01:00	0	33	6	0	0	0	0	0	0	0	0	0	0	39
02:00	0	17	3	0	3	0	0	0	0	0	0	0	0	23
03:00	0	20	3	0	0	1	0	0	0	0	0	0	0	24
04:00	1	29	6	0	0	1	0	0	0	0	0	0	0	37
05:00	1	78	30	0	1	1	0	0	1	2	1	0	0	115
06:00	0	97	36	0	2	0	0	2	0	1	2	0	1	141
07:00	4	141	55	0	4	5	0	1	3	0	5	1	2	221
08:00	1	249	68	0	1	9	2	3	3	1	12	0	5	354
09:00	0	305	68	0	1	6	0	12	6	4	12	0	5	419
10:00	5	311	78	0	3	2	2	15	4	1	18	1	13	453
11:00	5	319	77	0	0	8	0	15	11	3	29	0	10	477
12 PM	3	322	76	0	0	5	1	8	4	2	19	0	9	449
13:00	3	259	80	0	5	7	1	10	8	4	22	2	12	413
14:00	6	270	73	0	1	4	1	9	5	4	22	2	9	406
15:00	4	271	67	1	3	9	0	16	9	6	28	0	18	432
16:00	4	291	62	0	1	4	1	6	4	0	20	2	4	399
17:00	4	289	61	0	3	4	1	13	3	1	16	0	7	402
18:00	2	253	66	0	0	2	0	7	7	1	18	0	3	359
19:00	0	191	47	0	1	0	0	7	3	0	9	0	2	260
20:00	2	169	33	0	2	2	0	5	5	1	9	0	1	229
21:00	0	142	30	0	0	0	1	0	2	1	13	0	1	190
22:00	1	132	24	0	2	0	0	3	1	0	4	0	0	167
23:00	0	104	18	0	0	0	0	2	0	0	2	0	0	126
Day Total	46	4365	1084	1	33	71	10	135	79	32	265	8	102	6231
Percent	0.7%	70.1%	17.4%	0.0%	0.5%	1.1%	0.2%	2.2%	1.3%	0.5%	4.3%	0.1%	1.6%	
AM Peak	10:00	11:00	10:00		07:00	08:00	08:00	10:00	11:00	09:00	11:00	07:00	10:00	11:00
Vol.	5	319	78		4	9	2	15	11	4	29	1	13	477
PM Peak	14:00	12:00	13:00	15:00	13:00	15:00	12:00	15:00	15:00	15:00	15:00	13:00	15:00	12:00
Vol.	6	322	80	1	5	9	1	16	9	6	28	2	18	449

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 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/24/17	0	80	11	0	<b>2</b>	0	0	0	1	0	2	0	0	96
01:00	0	52	8	0	2	0	0	1	0	0	1	0	0	64
02:00	0	35	3	0	0	0	0	0	2	0	0	0	0	40
03:00	0	12	6	0	0	0	0	0	0	0	0	0	0	18
04:00	0	22	3	0	0	0	0	0	2	0	0	0	0	27
05:00	0	27	11	0	0	0	0	0	1	0	0	0	0	39
06:00	0	47	11	0	0	0	0	1	1	0	2	0	0	62
07:00	1	84	29	0	1	0	0	0	0	<b>1</b>	1	0	1	118
08:00	3	152	52	0	1	0	<b>1</b>	1	0	0	3	0	0	213
09:00	2	243	57	0	0	0	0	2	1	1	7	0	2	315
10:00	4	263	58	0	1	0	0	9	2	1	6	<b>1</b>	2	347
11:00	<b>5</b>	<b>334</b>	<b>69</b>	0	1	<b>2</b>	1	<b>11</b>	<b>5</b>	1	<b>21</b>	0	<b>6</b>	<b>456</b>
12 PM	5	337	57	0	1	<b>4</b>	0	<b>16</b>	3	<b>1</b>	<b>26</b>	0	<b>9</b>	459
13:00	7	<b>362</b>	<b>70</b>	<b>1</b>	0	2	<b>3</b>	7	4	1	19	1	6	<b>483</b>
14:00	2	288	60	0	0	1	0	9	4	0	21	0	3	388
15:00	7	296	58	0	1	0	3	8	<b>6</b>	1	20	0	5	405
16:00	3	340	66	0	0	2	0	2	1	0	20	1	3	438
17:00	<b>10</b>	308	66	0	<b>6</b>	0	1	9	6	1	12	1	5	425
18:00	5	318	64	0	2	2	0	4	4	0	11	<b>3</b>	3	416
19:00	3	293	66	1	0	0	0	3	2	0	20	0	6	394
20:00	4	247	52	0	0	1	0	4	3	0	10	1	2	324
21:00	0	199	49	0	0	0	0	0	0	0	5	0	3	256
22:00	3	141	22	0	0	1	0	0	1	0	5	0	1	174
23:00	1	47	10	0	0	0	0	0	0	0	1	0	0	59
Day Total	65	4527	958	2	18	15	9	87	49	8	213	8	57	6016
Percent	1.1%	75.2%	15.9%	0.0%	0.3%	0.2%	0.1%	1.4%	0.8%	0.1%	3.5%	0.1%	0.9%	
AM Peak	11:00	11:00	11:00		00:00	11:00	08:00	11:00	11:00	07:00	11:00	10:00	11:00	11:00
Vol.	5	334	69		2	2	1	11	5	1	21	1	6	456
PM Peak	17:00	13:00	13:00	13:00	17:00	12:00	13:00	12:00	15:00	12:00	12:00	18:00	12:00	13:00
Vol.	10	362	70	1	6	4	3	16	6	1	26	3	9	483

**Ontario Traffic, Inc.**  
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Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/25/17	0	25	2	0	0	1	0	1	0	0	0	0	0	29
01:00	0	13	3	0	0	0	0	0	1	0	0	0	1	18
02:00	0	10	2	0	0	1	0	0	0	0	0	0	0	13
03:00	0	24	8	0	0	0	0	0	0	0	0	0	0	32
04:00	0	62	12	0	0	1	0	0	1	0	1	0	1	78
05:00	2	250	130	0	0	4	0	4	4	0	2	0	3	399
06:00	<b>5</b>	412	<b>192</b>	<b>2</b>	4	2	3	15	5	2	12	3	23	680
07:00	3	470	121	0	6	8	<b>9</b>	<b>47</b>	<b>10</b>	<b>11</b>	<b>29</b>	2	<b>72</b>	788
08:00	5	<b>535</b>	98	2	<b>9</b>	<b>18</b>	4	37	6	7	28	<b>4</b>	52	<b>805</b>
09:00	2	337	101	0	7	8	0	9	8	6	16	2	8	504
10:00	2	276	82	0	4	14	1	14	10	7	17	0	8	435
11:00	0	246	68	0	9	14	0	10	4	8	13	2	4	378
12 PM	2	245	71	0	4	16	1	10	3	2	13	0	11	378
13:00	0	240	<b>76</b>	0	4	14	0	8	6	3	21	0	7	379
14:00	4	238	71	2	<b>8</b>	18	1	13	7	3	22	0	11	398
15:00	<b>6</b>	249	64	<b>3</b>	5	14	1	24	14	<b>7</b>	34	4	20	<b>445</b>
16:00	3	172	62	1	4	<b>22</b>	<b>4</b>	<b>25</b>	9	5	39	<b>5</b>	<b>24</b>	375
17:00	2	191	50	0	1	18	2	25	<b>20</b>	3	<b>42</b>	4	19	377
18:00	0	<b>253</b>	71	0	0	4	3	11	5	7	32	0	11	397
19:00	1	237	61	1	4	3	0	11	3	3	19	0	8	351
20:00	2	157	35	0	0	2	0	4	3	0	14	1	2	220
21:00	0	129	34	0	1	0	1	1	1	0	2	0	2	171
22:00	1	81	21	0	1	0	0	1	2	0	3	0	0	110
23:00	1	53	4	0	2	0	0	0	1	0	0	0	0	61
Day Total	41	4905	1439	11	73	182	30	270	123	74	359	27	287	7821
Percent	0.5%	62.7%	18.4%	0.1%	0.9%	2.3%	0.4%	3.5%	1.6%	0.9%	4.6%	0.3%	3.7%	
AM Peak	06:00	08:00	06:00	06:00	08:00	08:00	07:00	07:00	07:00	07:00	07:00	08:00	07:00	08:00
Vol.	5	535	192	2	9	18	9	47	10	11	29	4	72	805
PM Peak	15:00	18:00	13:00	15:00	14:00	16:00	16:00	16:00	17:00	15:00	17:00	16:00	16:00	15:00
Vol.	6	253	76	3	8	22	4	25	20	7	42	5	24	445

Ontario Traffic, Inc.  
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Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/26/17	0	30	8	0	2	0	0	0	0	1	0	0	0	41
01:00	0	9	0	0	1	0	0	0	0	0	0	0	0	10
02:00	0	25	3	0	0	0	0	0	1	0	0	0	1	30
03:00	0	19	8	0	0	2	0	0	0	0	0	0	0	29
04:00	1	64	18	0	0	2	0	0	1	0	0	0	1	87
05:00	3	237	117	0	0	2	0	6	2	1	4	0	2	374
06:00	3	394	<b>187</b>	1	5	5	2	23	5	6	23	<b>11</b>	25	690
07:00	3	426	109	0	<b>9</b>	9	<b>7</b>	<b>38</b>	<b>13</b>	7	23	5	<b>92</b>	741
08:00	4	<b>539</b>	100	1	7	14	7	29	10	<b>11</b>	<b>32</b>	3	51	<b>808</b>
09:00	3	403	96	<b>2</b>	7	16	1	25	10	9	14	3	12	601
10:00	<b>5</b>	243	95	1	7	<b>24</b>	2	10	12	11	8	0	11	429
11:00	5	239	77	0	7	17	1	11	3	5	14	0	7	386
12 PM	1	224	63	0	4	18	1	15	2	<b>11</b>	17	2	8	366
13:00	<b>5</b>	241	73	<b>2</b>	<b>11</b>	18	0	5	3	5	12	4	10	389
14:00	2	222	<b>85</b>	2	10	17	2	14	14	7	15	1	10	401
15:00	4	239	63	2	4	<b>23</b>	1	<b>27</b>	15	10	38	3	<b>27</b>	<b>456</b>
16:00	0	205	51	0	3	8	<b>4</b>	20	<b>17</b>	7	<b>46</b>	<b>5</b>	23	389
17:00	4	187	62	1	4	10	0	26	15	6	38	3	23	379
18:00	3	<b>268</b>	74	0	3	8	0	20	13	5	35	2	21	452
19:00	2	231	58	0	4	2	1	6	5	3	21	1	5	339
20:00	2	175	33	0	2	0	0	5	3	0	6	0	2	228
21:00	1	128	26	1	0	1	0	4	1	1	6	0	0	169
22:00	3	86	15	0	2	1	0	2	3	0	5	0	1	118
23:00	0	45	6	0	0	0	0	0	2	0	1	0	0	54
Day Total	54	4879	1427	13	92	197	29	286	150	106	358	43	332	7966
Percent	0.7%	61.2%	17.9%	0.2%	1.2%	2.5%	0.4%	3.6%	1.9%	1.3%	4.5%	0.5%	4.2%	
AM Peak	10:00	08:00	06:00	09:00	07:00	10:00	07:00	07:00	07:00	08:00	08:00	06:00	07:00	08:00
Vol.	5	539	187	2	9	24	7	38	13	11	32	11	92	808
PM Peak	13:00	18:00	14:00	13:00	13:00	15:00	16:00	15:00	16:00	12:00	16:00	16:00	15:00	15:00
Vol.	5	268	85	2	11	23	4	27	17	11	46	5	27	456

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Station ID: D57/D120  
Albion Vaughan Rd north of Queensgate  
Blvd  
Date Start: 19-Sep-17  
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Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/27/17	0	21	7	0	0	0	0	0	0	0	0	0	0	28
01:00	0	17	2	0	1	0	0	0	0	0	0	0	2	22
02:00	0	29	3	0	0	1	0	1	0	0	0	0	0	34
03:00	1	21	6	0	0	0	0	0	2	0	0	0	0	30
04:00	0	52	16	0	0	0	0	0	0	0	0	0	0	68
05:00	2	254	135	0	1	3	1	1	3	0	5	0	0	405
06:00	4	397	<b>184</b>	1	5	4	0	23	7	8	19	0	35	687
07:00	4	422	108	0	4	9	<b>6</b>	<b>42</b>	9	<b>16</b>	23	2	<b>74</b>	719
08:00	<b>6</b>	<b>521</b>	99	<b>2</b>	<b>9</b>	<b>15</b>	4	41	<b>12</b>	9	<b>27</b>	<b>4</b>	51	<b>800</b>
09:00	3	374	83	0	6	13	0	14	12	8	24	0	12	549
10:00	4	264	66	0	3	14	0	10	7	6	12	1	13	400
11:00	5	229	73	1	6	14	0	8	3	6	6	0	9	360
12 PM	1	223	70	0	8	11	0	18	7	2	17	<b>3</b>	9	369
13:00	0	223	79	2	6	<b>17</b>	0	7	12	2	18	0	5	371
14:00	4	<b>255</b>	<b>92</b>	<b>4</b>	<b>9</b>	11	1	11	<b>13</b>	3	24	2	10	<b>439</b>
15:00	0	247	66	1	2	14	1	20	13	<b>9</b>	36	1	19	429
16:00	3	181	54	0	5	15	<b>3</b>	<b>27</b>	11	6	<b>51</b>	3	18	377
17:00	3	185	55	0	3	11	0	22	12	5	37	1	22	356
18:00	3	219	62	1	2	2	1	17	8	1	29	2	<b>30</b>	377
19:00	<b>5</b>	196	34	0	0	0	2	11	2	1	19	3	23	296
20:00	2	146	22	0	0	1	0	5	1	2	12	2	7	200
21:00	4	123	19	0	2	2	0	3	2	1	8	0	7	171
22:00	1	86	9	0	0	0	0	2	1	0	1	0	4	104
23:00	2	43	4	0	0	0	0	0	0	0	1	0	4	54
Day Total	57	4728	1348	12	72	157	19	283	137	85	369	24	354	7645
Percent	0.7%	61.8%	17.6%	0.2%	0.9%	2.1%	0.2%	3.7%	1.8%	1.1%	4.8%	0.3%	4.6%	
AM Peak	08:00	08:00	06:00	08:00	08:00	08:00	07:00	07:00	08:00	07:00	08:00	08:00	07:00	08:00
Vol.	6	521	184	2	9	15	6	42	12	16	27	4	74	800
PM Peak	19:00	14:00	14:00	14:00	14:00	13:00	16:00	16:00	14:00	15:00	16:00	12:00	18:00	14:00
Vol.	5	255	92	4	9	17	3	27	13	9	51	3	30	439

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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	25	2	0	0	0	0	0	0	0	0	0	4	31
01:00	1	18	2	0	0	0	0	0	0	0	1	0	1	23
02:00	3	14	0	0	0	0	0	0	0	0	0	0	1	18
03:00	0	21	3	0	0	0	0	0	0	0	0	0	4	28
04:00	0	72	10	0	0	0	0	0	0	0	0	0	6	88
05:00	1	259	77	0	1	1	1	1	0	2	5	1	29	378
06:00	2	<b>446</b>	132	0	3	3	1	12	5	3	18	4	<b>75</b>	<b>704</b>
07:00	3	334	150	0	2	2	<b>7</b>	<b>59</b>	4	19	<b>21</b>	<b>7</b>	63	671
08:00	<b>5</b>	345	<b>164</b>	1	6	1	6	59	<b>8</b>	<b>21</b>	14	7	58	695
09:00	2	444	111	0	4	<b>6</b>	6	10	7	8	16	3	29	646
10:00	4	276	88	<b>2</b>	3	5	5	7	1	2	13	2	16	424
11:00	1	272	96	1	<b>8</b>	6	4	6	2	3	13	1	14	427
12 PM	2	243	64	0	4	2	5	6	4	3	15	1	11	360
13:00	3	242	76	2	7	4	4	9	6	1	17	2	9	382
14:00	0	<b>270</b>	74	<b>5</b>	4	0	3	11	6	4	21	0	12	410
15:00	2	254	77	0	8	<b>5</b>	<b>7</b>	17	6	0	42	4	21	<b>443</b>
16:00	2	188	88	1	<b>10</b>	3	4	<b>21</b>	<b>13</b>	6	<b>58</b>	7	24	425
17:00	<b>6</b>	176	<b>89</b>	1	2	2	5	18	12	<b>10</b>	56	1	<b>39</b>	417
18:00	3	230	57	1	0	3	0	16	12	5	31	6	22	386
19:00	4	251	30	0	0	1	2	5	5	4	16	<b>8</b>	14	340
20:00	1	174	14	0	1	0	2	6	2	1	13	2	20	236
21:00	2	107	6	0	0	0	0	4	2	1	1	1	19	143
22:00	2	66	5	0	0	0	0	1	1	1	2	0	12	90
23:00	0	51	2	0	0	0	0	0	1	3	0	0	9	66
Day Total	49	4778	1417	14	63	44	62	268	97	97	373	57	512	7831
Percent	0.6%	61.0%	18.1%	0.2%	0.8%	0.6%	0.8%	3.4%	1.2%	1.2%	4.8%	0.7%	6.5%	
AM Peak	08:00	06:00	08:00	10:00	11:00	09:00	07:00	07:00	08:00	08:00	07:00	07:00	06:00	06:00
Vol.	5	446	164	2	8	6	7	59	8	21	21	7	75	704
PM Peak	17:00	14:00	17:00	14:00	16:00	15:00	15:00	16:00	16:00	17:00	16:00	19:00	17:00	15:00
Vol.	6	270	89	5	10	5	7	21	13	10	58	8	39	443

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	1	28	2	0	0	0	0	0	0	1	0	1	2	35
01:00	0	27	1	0	0	0	0	0	0	0	0	0	2	30
02:00	2	17	0	0	0	0	0	0	0	0	1	0	4	24
03:00	1	14	2	0	0	0	0	0	0	0	0	0	1	18
04:00	0	56	13	0	0	0	0	1	0	0	1	0	4	75
05:00	2	237	79	0	1	0	0	6	0	2	2	1	35	365
06:00	3	405	126	1	5	2	6	23	7	6	15	0	61	660
07:00	2	393	152	1	7	0	1	39	12	10	23	8	64	712
08:00	4	465	149	0	5	4	3	32	14	10	15	1	36	738
09:00	3	314	106	0	2	1	1	9	4	3	16	3	22	484
10:00	6	250	86	0	8	4	5	10	3	2	16	4	19	413
11:00	2	252	71	1	16	2	2	13	5	5	17	3	6	395
12 PM	2	251	69	0	6	9	3	8	7	3	9	2	7	376
13:00	4	243	65	0	7	12	0	7	13	1	7	1	6	366
14:00	3	231	59	0	5	8	1	11	9	2	22	3	5	359
15:00	5	234	55	0	4	7	1	13	10	5	39	1	11	385
16:00	7	192	49	0	6	5	2	19	12	4	44	2	29	371
17:00	4	139	52	0	3	11	0	22	14	7	54	4	33	343
18:00	3	235	55	0	5	6	2	14	8	4	43	1	21	397
19:00	1	228	43	1	1	3	0	11	7	2	29	2	16	344
20:00	0	157	33	0	2	5	1	7	3	0	16	0	7	231
21:00	1	147	26	0	0	1	0	1	1	0	8	0	1	186
22:00	0	104	16	0	1	0	0	1	3	0	7	0	1	133
23:00	1	88	13	0	0	0	0	0	0	0	1	0	0	103
Day Total	57	4707	1322	4	84	80	28	247	132	67	385	37	393	7543
Percent	0.8%	62.4%	17.5%	0.1%	1.1%	1.1%	0.4%	3.3%	1.7%	0.9%	5.1%	0.5%	5.2%	
AM Peak	10:00	08:00	07:00	06:00	11:00	08:00	06:00	07:00	08:00	07:00	07:00	07:00	07:00	08:00
Vol.	6	465	152	1	16	4	6	39	14	10	23	8	64	738
PM Peak	16:00	12:00	12:00	19:00	13:00	13:00	12:00	17:00	17:00	17:00	17:00	17:00	17:00	18:00
Vol.	7	251	69	1	7	12	3	22	14	7	54	4	33	397

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	74	8	0	0	1	0	0	0	0	3	0	0	86
01:00	0	25	7	0	0	0	0	0	0	0	0	0	1	33
02:00	0	19	6	0	1	0	0	0	0	1	0	0	0	27
03:00	0	17	3	0	0	1	0	0	0	0	0	0	0	21
04:00	0	26	5	0	1	0	0	1	0	0	0	0	0	33
05:00	0	77	29	0	0	1	0	0	0	1	1	0	0	109
06:00	1	88	44	0	1	2	0	2	1	2	2	0	1	144
07:00	0	132	67	1	0	3	1	2	2	0	4	0	1	213
08:00	1	251	63	0	2	7	0	3	4	1	13	1	3	349
09:00	2	279	71	0	2	8	0	13	3	3	16	0	9	406
10:00	1	291	76	1	4	11	1	16	11	2	22	1	12	449
11:00	4	321	69	1	1	9	2	12	8	4	21	2	14	468
12 PM	5	310	77	0	1	7	0	8	7	5	23	1	8	452
13:00	3	286	76	0	0	5	2	7	6	2	19	0	10	416
14:00	4	268	69	0	3	6	0	11	5	1	28	1	13	409
15:00	7	304	52	0	1	3	1	13	5	0	24	0	12	422
16:00	4	253	64	0	5	5	0	9	4	2	22	2	9	379
17:00	3	285	59	0	2	2	1	10	2	0	17	0	15	396
18:00	6	246	62	0	2	3	1	8	6	0	14	0	7	355
19:00	2	189	57	0	4	1	1	5	2	2	16	1	6	286
20:00	1	173	43	0	1	0	0	2	4	0	9	0	3	236
21:00	0	129	26	0	3	1	0	4	1	1	10	0	1	176
22:00	1	113	21	0	1	1	0	0	1	0	6	0	0	144
23:00	0	109	13	0	1	0	0	1	0	0	3	0	1	128
Day Total	45	4265	1067	3	36	77	10	127	72	27	273	9	126	6137
Percent	0.7%	69.5%	17.4%	0.0%	0.6%	1.3%	0.2%	2.1%	1.2%	0.4%	4.4%	0.1%	2.1%	
AM Peak	11:00	11:00	10:00	07:00	10:00	10:00	11:00	10:00	10:00	11:00	10:00	11:00	11:00	11:00
Vol.	4	321	76	1	4	11	2	16	11	4	22	2	14	468
PM Peak	15:00	12:00	12:00		16:00	12:00	13:00	15:00	12:00	12:00	14:00	16:00	17:00	12:00
Vol.	7	310	77		5	7	2	13	7	5	28	2	15	452

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	87	12	0	0	0	0	2	1	0	1	0	0	103
01:00	0	46	8	0	1	0	0	0	2	0	0	0	0	57
02:00	0	27	5	0	0	0	0	0	0	0	1	0	0	33
03:00	0	14	2	0	0	0	0	0	0	0	0	0	0	16
04:00	0	20	2	0	0	0	0	0	1	0	1	0	0	24
05:00	0	27	4	0	1	0	0	0	1	0	0	0	0	33
06:00	0	59	11	0	0	0	0	0	0	0	1	0	0	71
07:00	2	105	16	0	1	1	0	1	0	0	2	0	1	129
08:00	1	169	29	0	0	0	1	2	1	0	5	0	0	208
09:00	3	269	49	0	1	2	1	1	2	0	8	0	0	336
10:00	3	280	67	0	1	0	0	4	3	1	11	0	1	371
11:00	6	320	71	0	0	3	1	3	2	1	23	2	1	433
12 PM	4	338	64	0	4	4	3	6	1	0	18	2	2	446
13:00	2	348	69	0	2	0	0	12	1	1	21	0	7	463
14:00	5	297	55	1	3	0	0	13	4	2	24	0	4	408
15:00	7	281	67	0	0	1	2	9	2	2	19	0	6	396
16:00	8	307	71	0	1	0	2	4	5	0	16	2	3	419
17:00	4	320	64	0	0	1	0	2	3	1	21	1	5	422
18:00	2	319	49	0	0	2	1	5	1	0	22	0	2	403
19:00	5	289	52	0	0	1	0	7	2	0	16	0	7	379
20:00	2	262	44	0	0	1	0	2	2	1	13	0	4	331
21:00	0	204	32	0	0	0	0	0	1	0	8	0	4	249
22:00	1	155	26	0	0	0	0	1	0	0	2	0	1	186
23:00	0	53	13	0	0	0	0	0	0	0	1	0	0	67
Day Total	55	4596	882	1	15	16	11	74	35	9	234	7	48	5983
Percent	0.9%	76.8%	14.7%	0.0%	0.3%	0.3%	0.2%	1.2%	0.6%	0.2%	3.9%	0.1%	0.8%	
AM Peak	11:00	11:00	11:00		01:00	11:00	08:00	10:00	10:00	10:00	11:00	11:00	07:00	11:00
Vol.	6	320	71		1	3	1	4	3	1	23	2	1	433
PM Peak	16:00	13:00	16:00	14:00	12:00	12:00	12:00	14:00	16:00	14:00	14:00	12:00	13:00	13:00
Vol.	8	348	71	1	4	4	3	13	5	2	24	2	7	463

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 1  
 Station ID: D57/D120  
 Albion Vaughan Rd north of Queensgate  
 Blvd  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	0	15	6	0	0	0	0	0	1	0	0	0	0	22
01:00	0	9	3	0	0	1	0	0	0	0	0	0	0	13
02:00	1	9	5	0	0	0	0	0	0	0	1	0	0	16
03:00	0	17	7	0	0	1	0	1	0	0	0	0	0	26
04:00	0	45	19	0	4	0	0	0	1	0	3	0	0	72
05:00	0	204	122	<b>1</b>	2	3	0	3	4	0	6	<b>3</b>	1	349
06:00	3	415	<b>186</b>	0	5	6	2	21	6	3	21	1	2	671
07:00	1	492	131	1	<b>8</b>	8	0	<b>44</b>	11	6	<b>22</b>	2	29	755
08:00	<b>5</b>	<b>512</b>	113	0	6	<b>18</b>	<b>3</b>	36	9	<b>8</b>	19	0	<b>67</b>	<b>796</b>
09:00	1	304	103	0	7	11	3	11	<b>13</b>	3	14	2	44	516
10:00	2	262	87	0	2	13	0	13	8	6	13	0	16	422
11:00	1	241	80	1	6	14	2	10	7	3	12	1	8	386
12 PM	2	216	71	1	7	11	0	3	7	4	19	1	8	350
13:00	<b>4</b>	248	65	1	5	16	2	3	7	6	9	2	4	372
14:00	1	<b>252</b>	<b>75</b>	1	<b>9</b>	11	2	15	7	8	17	1	7	<b>406</b>
15:00	2	227	64	<b>2</b>	4	18	1	13	9	<b>13</b>	23	0	17	393
16:00	4	201	56	1	2	<b>20</b>	<b>3</b>	25	<b>13</b>	7	38	5	25	400
17:00	1	142	54	0	2	7	1	<b>26</b>	11	6	<b>42</b>	<b>8</b>	<b>34</b>	334
18:00	0	222	71	0	2	9	0	9	4	2	20	1	22	362
19:00	2	186	62	0	3	1	0	7	5	1	14	0	5	286
20:00	1	153	36	0	2	0	0	1	2	0	7	0	1	203
21:00	1	93	23	0	0	0	0	1	1	0	4	0	0	123
22:00	0	87	14	0	0	0	1	1	2	1	0	0	1	107
23:00	0	34	6	0	0	0	0	0	1	0	0	0	0	41
Day Total	32	4586	1459	9	76	168	20	243	129	77	304	27	291	7421
Percent	0.4%	61.8%	19.7%	0.1%	1.0%	2.3%	0.3%	3.3%	1.7%	1.0%	4.1%	0.4%	3.9%	
AM Peak	08:00	08:00	06:00	05:00	07:00	08:00	08:00	07:00	09:00	08:00	07:00	05:00	08:00	08:00
Vol.	5	512	186	1	8	18	3	44	13	8	22	3	67	796
PM Peak	13:00	14:00	14:00	15:00	14:00	16:00	16:00	17:00	16:00	15:00	17:00	17:00	17:00	14:00
Vol.	4	252	75	2	9	20	3	26	13	13	42	8	34	406
Grand Total	687	65077	18087	136	877	1525	321	2996	1503	912	4454	386	3711	100672
Percent	0.7%	64.6%	18.0%	0.1%	0.9%	1.5%	0.3%	3.0%	1.5%	0.9%	4.4%	0.4%	3.7%	

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

**NB**

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/07/17	0	125	13	0	2	0	0	0	0	1	0	0	0	141
01:00	0	49	4	0	3	0	0	0	0	0	0	0	0	56
02:00	0	46	5	0	1	0	0	0	0	0	0	0	0	52
03:00	1	15	2	0	2	0	0	0	0	0	0	0	0	20
04:00	0	14	0	0	1	0	0	0	0	1	0	0	0	16
05:00	0	25	7	1	0	0	0	0	2	1	0	0	0	36
06:00	0	38	18	1	8	2	0	1	1	1	0	0	0	70
07:00	1	78	21	0	7	4	0	0	0	0	0	0	0	111
08:00	3	109	33	1	11	2	0	1	0	1	0	0	0	161
09:00	2	154	33	0	8	2	0	0	0	0	0	0	0	199
10:00	2	252	46	0	9	3	0	1	0	0	0	0	0	313
11:00	7	318	45	2	16	2	0	2	0	0	0	0	0	392
12 PM	5	340	50	0	14	1	0	2	0	0	0	0	0	412
13:00	2	318	59	0	5	2	0	2	0	0	0	0	0	388
14:00	0	345	39	0	14	5	0	0	0	0	0	0	0	403
15:00	1	325	54	0	5	0	0	2	0	0	1	0	0	388
16:00	1	329	28	1	7	0	0	1	1	0	0	0	0	368
17:00	3	312	45	0	10	1	0	0	0	1	0	0	0	372
18:00	0	259	25	0	4	0	0	0	0	0	0	0	0	288
19:00	1	213	27	0	7	1	0	0	1	0	0	0	0	250
20:00	0	167	15	0	8	0	0	1	0	0	0	0	0	191
21:00	1	183	19	0	3	0	0	0	0	0	0	0	0	206
22:00	0	160	19	0	1	0	0	0	0	0	0	0	0	180
23:00	0	139	16	0	3	0	0	0	0	0	0	0	0	158
Day Total	30	4313	623	6	149	25	0	13	5	6	1	0	0	5171
Percent	0.6%	83.4%	12.0%	0.1%	2.9%	0.5%	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	10:00	11:00	11:00	07:00		11:00	05:00	00:00				11:00
Vol.	7	318	46	2	16	4		2	2	1				392
PM Peak	12:00	14:00	13:00	16:00	12:00	14:00		12:00	16:00	17:00	15:00			12:00
Vol.	5	345	59	1	14	5		2	1	1	1			412

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/08/17	2	116	8	0	2	1	0	0	0	0	0	0	0	129
01:00	0	62	12	1	3	0	0	0	0	0	0	0	0	78
02:00	0	37	5	0	0	0	0	0	0	0	0	0	0	42
03:00	0	12	3	0	0	0	0	0	1	1	0	0	0	17
04:00	0	15	0	0	0	0	0	0	0	0	0	0	0	15
05:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16
06:00	0	28	2	0	3	0	0	0	0	1	0	0	0	34
07:00	0	33	9	0	4	0	0	0	0	0	0	0	0	46
08:00	1	86	17	0	5	0	0	0	0	0	0	0	0	109
09:00	2	138	27	1	5	1	0	0	0	0	0	0	0	174
10:00	2	187	27	0	5	0	0	0	0	0	0	0	0	221
11:00	7	235	37	0	6	0	0	1	0	0	0	0	0	286
12 PM	1	320	43	1	13	0	0	1	0	0	0	0	0	379
13:00	8	316	35	0	11	2	0	2	1	0	0	0	0	375
14:00	0	358	35	0	9	0	0	2	0	0	0	0	0	404
15:00	5	332	36	0	10	1	0	0	0	0	0	0	0	384
16:00	5	316	29	0	5	1	0	1	0	0	0	0	0	357
17:00	2	259	22	0	7	1	0	0	0	0	0	0	0	291
18:00	1	189	25	0	6	0	0	0	1	0	0	0	0	222
19:00	2	220	19	0	7	2	0	1	0	0	0	0	0	251
20:00	0	202	47	0	6	0	0	0	0	0	0	0	0	255
21:00	3	202	31	0	6	0	0	0	0	0	0	0	0	242
22:00	4	161	26	0	4	0	0	0	1	0	0	0	0	196
23:00	0	147	13	0	3	0	0	0	0	0	0	0	0	163
Day Total	45	3986	509	3	120	9	0	8	4	2	0	0	0	4686
Percent	1.0%	85.1%	10.9%	0.1%	2.6%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	01:00	11:00	00:00		11:00	03:00	03:00				11:00
Vol.	7	235	37	1	6	1		1	1	1				286
PM Peak	13:00	14:00	20:00	12:00	12:00	13:00		13:00	13:00					14:00
Vol.	8	358	47	1	13	2		2	1					404

Ontario Traffic, Inc.  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/09/17	1	90	6	0	2	0	0	0	1	0	0	0	0	100
01:00	0	53	6	0	2	0	0	1	0	0	0	0	0	62
02:00	0	20	2	0	1	0	0	0	0	0	0	0	0	23
03:00	0	18	4	0	1	0	0	0	0	0	0	0	0	23
04:00	0	11	2	0	1	0	0	0	0	0	0	0	0	14
05:00	0	16	3	0	1	0	0	0	0	0	0	0	0	20
06:00	0	23	4	0	3	0	0	0	0	0	0	0	0	30
07:00	0	32	3	0	6	0	0	0	1	1	0	0	0	43
08:00	0	49	14	0	5	1	0	0	0	0	0	0	0	69
09:00	0	85	22	1	4	0	0	0	0	0	0	0	0	112
10:00	1	111	29	0	1	2	0	1	1	0	0	0	0	146
11:00	1	162	28	0	5	0	0	1	0	0	0	0	0	197
12 PM	3	238	26	0	8	0	0	1	1	0	0	0	0	277
13:00	2	230	23	0	9	1	0	1	0	0	0	0	0	266
14:00	2	228	39	0	10	1	0	0	0	0	1	0	0	281
15:00	4	214	30	0	5	0	0	0	0	0	0	0	0	253
16:00	2	193	30	0	3	0	0	0	0	0	0	0	0	228
17:00	2	210	28	0	3	0	0	0	0	0	0	0	0	243
18:00	1	215	24	0	2	0	0	0	0	0	0	0	0	242
19:00	1	203	19	0	3	0	0	0	0	0	0	0	0	226
20:00	0	172	23	0	5	1	0	0	0	1	0	0	0	202
21:00	3	133	16	0	4	0	0	0	0	0	0	0	0	156
22:00	0	125	17	0	2	1	0	0	1	0	0	0	0	146
23:00	0	74	7	0	5	0	0	0	0	0	0	0	0	86
Day Total	23	2905	405	1	91	7	0	5	5	2	1	0	0	3445
Percent	0.7%	84.3%	11.8%	0.0%	2.6%	0.2%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	00:00	11:00	10:00	09:00	07:00	10:00		01:00	00:00	07:00				11:00
Vol.	1	162	29	1	6	2		1	1	1				197
PM Peak	15:00	12:00	14:00		14:00	13:00		12:00	12:00	20:00	14:00			14:00
Vol.	4	238	39		10	1		1	1	1	1			281

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/10/17	0	43	8	0	0	0	0	0	0	0	0	0	0	51
01:00	0	19	2	0	0	0	0	0	0	0	0	0	0	21
02:00	0	10	3	0	0	0	0	1	0	0	0	0	0	14
03:00	0	12	2	0	0	0	0	0	1	0	0	0	0	15
04:00	2	33	3	3	2	4	0	1	4	3	0	0	0	55
05:00	0	90	25	3	5	5	0	2	2	4	0	0	0	136
06:00	3	111	34	4	13	8	0	3	2	4	0	0	0	182
07:00	4	164	38	7	14	9	0	3	3	2	0	0	0	244
08:00	4	171	41	3	12	3	0	0	2	3	0	0	1	240
09:00	2	164	30	8	14	3	0	8	2	3	0	0	0	234
10:00	5	152	42	8	15	11	2	3	3	0	0	0	0	241
11:00	1	176	36	5	21	2	0	2	3	3	0	0	0	249
12 PM	1	208	37	7	10	6	0	1	6	1	0	0	0	277
13:00	5	237	44	4	25	5	0	3	1	1	0	0	0	325
14:00	3	307	68	3	14	6	1	4	2	1	0	0	0	409
15:00	8	436	87	3	20	2	2	4	1	3	0	0	0	566
16:00	5	561	129	3	26	5	0	8	3	2	0	0	0	742
17:00	2	588	128	1	26	2	0	4	3	2	0	0	0	756
18:00	5	546	101	2	37	4	0	5	2	0	0	0	0	702
19:00	2	333	57	2	13	5	0	3	0	1	0	0	0	416
20:00	0	230	32	0	7	0	0	0	0	0	0	0	0	269
21:00	1	202	33	0	6	1	0	1	0	0	0	0	0	244
22:00	0	130	13	1	6	1	0	0	1	0	0	0	0	152
23:00	0	93	15	0	4	0	0	1	0	0	0	0	0	113
Day Total	53	5016	1008	67	290	82	5	57	41	33	0	0	1	6653
Percent	0.8%	75.4%	15.2%	1.0%	4.4%	1.2%	0.1%	0.9%	0.6%	0.5%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	10:00	09:00	11:00	10:00	10:00	09:00	04:00	05:00			08:00	11:00
Vol.	5	176	42	8	21	11	2	8	4	4			1	249
PM Peak	15:00	17:00	16:00	12:00	18:00	12:00	15:00	16:00	12:00	15:00				17:00
Vol.	8	588	129	7	37	6	2	8	6	3				756

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Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/11/17	0	55	3	0	1	1	0	0	0	0	0	0	0	60
01:00	0	32	4	0	1	1	0	2	0	0	0	0	0	40
02:00	0	17	2	0	2	1	0	0	0	0	0	0	0	22
03:00	0	18	2	1	0	1	0	0	0	2	0	0	0	24
04:00	1	27	7	4	1	6	0	0	3	6	0	0	0	55
05:00	0	80	16	2	3	6	1	0	2	2	0	0	0	112
06:00	1	105	20	2	10	11	0	2	3	2	0	0	0	156
07:00	4	175	34	5	12	7	0	2	5	1	0	0	0	245
08:00	5	165	40	5	9	4	0	2	2	4	0	0	0	236
09:00	1	161	38	8	9	5	0	3	3	0	0	0	0	228
10:00	1	175	48	6	18	3	1	1	3	3	0	0	0	259
11:00	1	196	39	3	10	2	1	4	6	0	0	0	0	262
12 PM	2	233	53	1	17	5	0	3	6	0	0	0	0	320
13:00	3	213	59	1	12	2	0	3	1	1	0	0	0	295
14:00	0	302	74	4	14	1	0	5	1	2	0	0	0	403
15:00	4	461	88	1	21	4	1	2	3	1	0	0	0	586
16:00	4	582	125	2	32	10	0	1	1	1	0	0	0	758
17:00	7	669	125	1	20	8	0	4	1	0	0	0	0	835
18:00	6	527	86	3	18	3	1	3	0	0	0	0	0	647
19:00	0	311	72	0	15	2	0	1	2	3	0	0	0	406
20:00	0	232	32	0	8	2	0	0	0	0	0	0	0	274
21:00	0	182	32	0	2	0	0	1	0	0	0	0	0	217
22:00	1	135	19	0	1	1	0	0	2	0	0	0	0	159
23:00	0	134	17	0	9	0	0	0	0	0	0	0	0	160
Day Total	41	5187	1035	49	245	86	5	39	44	28	0	0	0	6759
Percent	0.6%	76.7%	15.3%	0.7%	3.6%	1.3%	0.1%	0.6%	0.7%	0.4%	0.0%	0.0%	0.0%	
AM Peak	08:00	11:00	10:00	09:00	10:00	06:00	05:00	11:00	11:00	04:00				11:00
Vol.	5	196	48	8	18	11	1	4	6	6				262
PM Peak	17:00	17:00	16:00	14:00	16:00	16:00	15:00	14:00	12:00	19:00				17:00
Vol.	7	669	125	4	32	10	1	5	6	3				835

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/12/17	0	74	4	0	1	0	0	0	0	0	0	0	0	79
01:00	0	32	5	1	0	0	0	0	0	0	0	0	0	38
02:00	0	22	2	0	0	1	0	0	0	0	0	0	0	25
03:00	0	13	1	2	0	2	0	0	2	1	0	0	0	21
04:00	0	30	5	2	1	3	0	3	3	5	0	0	0	52
05:00	1	75	15	3	5	6	0	2	5	5	0	0	0	117
06:00	0	128	31	3	12	8	0	1	5	1	0	0	0	189
07:00	1	182	32	4	13	7	0	1	0	3	0	0	0	243
08:00	6	175	42	7	16	6	0	1	6	1	0	0	0	260
09:00	1	158	31	3	13	8	0	2	5	1	0	0	0	222
10:00	0	188	33	6	10	5	0	4	3	3	0	0	0	252
11:00	7	165	43	5	18	3	0	2	6	0	0	0	0	249
12 PM	2	191	39	3	16	2	0	5	1	3	0	0	0	262
13:00	3	226	47	5	21	7	0	3	3	2	0	0	0	317
14:00	3	329	65	6	21	7	0	4	4	0	0	0	0	439
15:00	9	479	90	4	20	9	0	4	1	0	0	0	0	616
16:00	4	618	149	1	32	8	0	7	0	2	0	0	0	821
17:00	7	690	142	4	32	9	0	5	0	2	0	0	0	891
18:00	3	549	101	3	19	5	0	3	1	0	0	0	0	684
19:00	1	317	63	0	10	2	1	0	1	0	0	0	0	395
20:00	0	265	46	0	9	1	0	1	0	1	0	0	0	323
21:00	0	207	30	0	4	1	0	2	0	1	0	0	0	245
22:00	0	150	17	0	1	0	0	2	0	0	0	0	0	170
23:00	0	107	20	0	4	0	0	0	0	0	0	0	0	131
Day Total	48	5370	1053	62	278	100	1	52	46	31	0	0	0	7041
Percent	0.7%	76.3%	15.0%	0.9%	3.9%	1.4%	0.0%	0.7%	0.7%	0.4%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00	11:00	08:00	11:00	06:00		10:00	08:00	04:00				08:00
Vol.	7	188	43	7	18	8		4	6	5				260
PM Peak	15:00	17:00	16:00	14:00	16:00	15:00	19:00	16:00	14:00	12:00				17:00
Vol.	9	690	149	6	32	9	1	7	4	3				891

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/13/17	0	64	9	0	1	0	0	1	0	0	0	0	0	75
01:00	0	35	3	0	1	0	0	0	0	1	0	0	0	40
02:00	0	22	4	0	1	0	0	0	2	2	0	0	0	31
03:00	1	20	2	1	0	0	0	1	1	5	0	0	0	31
04:00	0	32	3	4	2	2	0	2	5	2	0	0	0	52
05:00	1	84	16	2	2	6	0	2	3	2	0	0	0	118
06:00	9	116	24	7	9	10	1	1	2	2	0	1	0	182
07:00	6	167	46	4	15	5	0	6	1	0	0	0	0	250
08:00	1	192	48	5	22	6	0	5	4	3	0	0	0	286
09:00	3	168	34	5	5	9	0	2	5	2	0	0	0	233
10:00	0	162	32	6	11	5	1	5	4	2	0	0	0	228
11:00	2	167	50	1	17	7	0	1	2	2	0	0	0	249
12 PM	2	226	58	5	24	3	0	4	3	3	0	0	0	328
13:00	5	300	63	7	18	5	0	8	2	1	0	0	0	409
14:00	4	334	68	7	16	6	0	6	7	1	0	0	0	449
15:00	3	499	99	7	25	6	0	0	2	1	0	0	0	642
16:00	5	609	112	6	33	8	0	4	2	2	1	0	1	783
17:00	11	635	124	7	25	5	0	1	2	0	0	0	0	810
18:00	1	477	105	2	27	2	0	2	1	0	0	0	0	617
19:00	2	312	52	2	21	2	0	0	1	0	1	0	0	393
20:00	2	243	35	0	10	2	0	0	0	0	0	0	0	292
21:00	2	176	30	0	5	0	0	0	0	0	0	0	0	213
22:00	0	178	39	0	5	2	0	0	0	0	0	0	0	224
23:00	0	143	22	0	2	0	0	0	1	0	0	0	0	168
Day Total	60	5361	1078	78	297	91	2	51	50	31	2	1	1	7103
Percent	0.8%	75.5%	15.2%	1.1%	4.2%	1.3%	0.0%	0.7%	0.7%	0.4%	0.0%	0.0%	0.0%	
AM Peak	06:00	08:00	11:00	06:00	08:00	06:00	06:00	07:00	04:00	03:00		06:00		08:00
Vol.	9	192	50	7	22	10	1	6	5	5		1		286
PM Peak	17:00	17:00	17:00	13:00	16:00	16:00		13:00	14:00	12:00	16:00		16:00	17:00
Vol.	11	635	124	7	33	8		8	7	3	1		1	810

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 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
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 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/14/17	0	120	15	0	0	0	0	0	2	0	0	0	0	137
01:00	0	76	10	0	0	2	0	0	0	0	0	0	0	88
02:00	1	37	6	0	4	0	0	0	0	0	0	0	0	48
03:00	0	19	1	0	2	0	0	0	<b>3</b>	0	0	0	0	25
04:00	0	18	0	0	0	0	0	0	2	0	0	0	0	20
05:00	0	35	9	1	1	0	0	1	0	<b>3</b>	0	0	0	50
06:00	0	56	17	1	7	1	0	0	2	2	0	0	0	86
07:00	0	85	23	2	10	0	0	1	1	0	0	0	0	122
08:00	0	140	29	2	9	1	0	1	0	1	0	0	0	183
09:00	2	144	35	2	10	2	0	2	0	0	0	0	0	197
10:00	<b>3</b>	212	41	<b>3</b>	12	0	0	<b>3</b>	3	1	0	0	0	278
11:00	2	<b>249</b>	<b>42</b>	3	<b>18</b>	<b>3</b>	0	2	1	0	0	0	0	<b>320</b>
12 PM	1	282	51	2	9	2	0	1	0	0	0	0	0	348
13:00	2	313	59	0	<b>15</b>	1	0	0	0	0	0	0	0	390
14:00	<b>3</b>	323	<b>61</b>	1	12	0	0	2	<b>2</b>	<b>1</b>	0	0	0	405
15:00	1	<b>346</b>	48	<b>3</b>	8	0	0	1	0	0	0	0	0	<b>407</b>
16:00	3	306	58	0	7	1	0	<b>3</b>	1	0	0	0	0	379
17:00	0	316	57	0	9	1	0	0	0	0	0	0	0	383
18:00	0	274	41	2	9	<b>3</b>	0	0	0	0	0	0	0	329
19:00	2	199	35	0	2	1	0	0	1	0	0	0	0	240
20:00	0	164	24	0	7	1	0	0	0	0	0	0	0	196
21:00	0	120	22	0	2	0	0	0	1	0	0	0	0	145
22:00	0	119	15	0	3	0	0	0	0	0	0	0	0	137
23:00	0	122	20	0	5	0	0	0	0	0	0	0	0	147
Day Total	20	4075	719	22	161	19	0	17	19	8	0	0	0	5060
Percent	0.4%	80.5%	14.2%	0.4%	3.2%	0.4%	0.0%	0.3%	0.4%	0.2%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	10:00	11:00	11:00		10:00	03:00	05:00				11:00
Vol.	3	249	42	3	18	3		3	3	3				320
PM Peak	14:00	15:00	14:00	15:00	13:00	18:00		16:00	14:00	14:00				15:00
Vol.	3	346	61	3	15	3		3	2	1				407

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/15/17	0	111	12	0	0	0	0	0	0	0	0	0	0	123
01:00	0	80	3	0	1	0	0	0	0	0	0	0	0	84
02:00	0	51	7	0	2	0	0	0	0	0	0	0	0	60
03:00	0	28	2	0	0	0	0	0	0	0	0	0	0	30
04:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
05:00	0	16	1	0	0	0	0	0	0	0	0	0	0	17
06:00	0	33	7	0	3	0	0	0	0	0	0	0	0	43
07:00	0	53	9	0	8	0	0	0	0	0	0	0	0	70
08:00	0	70	12	0	2	0	0	0	0	1	0	0	0	85
09:00	0	109	20	0	4	1	0	1	0	0	0	0	0	135
10:00	1	135	23	0	6	0	0	1	1	1	0	0	0	168
11:00	3	189	32	0	6	0	0	2	0	0	0	0	0	232
12 PM	0	242	47	0	4	0	0	0	0	0	0	0	0	293
13:00	0	268	48	0	12	2	0	2	0	0	0	0	0	332
14:00	2	275	57	1	5	0	0	2	0	0	0	0	0	342
15:00	0	269	62	0	10	0	0	1	1	0	0	0	0	343
16:00	0	261	46	1	17	2	0	1	0	0	0	0	0	328
17:00	0	274	44	0	10	0	0	0	0	0	0	0	0	328
18:00	1	217	44	0	9	1	0	2	0	0	0	0	0	274
19:00	0	200	44	0	11	0	0	0	1	0	0	0	0	256
20:00	0	185	35	0	4	1	0	1	0	0	0	0	1	227
21:00	1	162	25	0	1	2	0	2	0	0	0	0	0	193
22:00	0	108	20	0	3	0	0	0	0	0	0	0	0	131
23:00	0	70	8	1	4	0	0	0	2	0	0	0	0	85
Day Total	8	3415	610	3	122	9	0	15	5	2	0	0	1	4190
Percent	0.2%	81.5%	14.6%	0.1%	2.9%	0.2%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00		07:00	09:00		11:00	10:00	08:00				11:00
Vol.	3	189	32		8	1		2	1	1				232
PM Peak	14:00	14:00	15:00	14:00	16:00	13:00		13:00	23:00				20:00	15:00
Vol.	2	275	62	1	17	2		2	2				1	343

Ontario Traffic, Inc.  
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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/16/17	0	52	9	0	1	0	0	0	2	0	0	0	0	64
01:00	0	23	0	0	1	0	0	0	0	0	0	0	0	24
02:00	0	12	2	0	0	0	0	0	1	0	0	0	0	15
03:00	0	6	1	0	0	0	0	0	1	3	0	0	0	11
04:00	0	25	3	2	4	5	0	1	6	7	0	0	1	54
05:00	1	74	20	1	4	4	0	3	7	2	0	0	0	116
06:00	2	100	30	5	8	9	0	0	1	4	0	0	0	159
07:00	2	167	40	5	18	6	0	8	8	2	0	0	0	256
08:00	2	173	35	6	15	6	0	0	5	2	0	0	0	244
09:00	0	127	37	8	15	5	0	5	3	3	0	0	0	203
10:00	2	121	38	9	15	2	1	8	7	2	0	0	0	205
11:00	2	183	30	1	11	1	0	2	1	2	0	0	0	233
12 PM	1	191	44	3	7	4	0	3	3	1	0	0	0	257
13:00	2	243	53	1	15	5	0	1	1	1	0	0	0	322
14:00	3	353	60	3	12	2	0	1	2	0	0	0	0	436
15:00	6	554	93	4	19	3	0	0	0	0	0	0	0	679
16:00	4	671	110	5	18	3	0	1	1	3	0	0	0	816
17:00	5	673	112	2	24	4	0	0	1	1	0	0	0	822
18:00	8	517	88	3	19	3	0	2	2	1	0	0	0	643
19:00	6	304	47	1	11	1	0	1	0	0	0	0	0	371
20:00	1	248	41	1	8	1	0	1	1	0	0	0	0	302
21:00	0	206	37	2	6	2	0	1	1	0	0	0	0	255
22:00	3	152	24	0	5	0	0	1	0	1	0	0	0	186
23:00	0	116	21	1	4	1	0	0	1	0	0	0	0	144
Day Total	50	5291	975	63	240	67	1	39	55	35	0	0	1	6817
Percent	0.7%	77.6%	14.3%	0.9%	3.5%	1.0%	0.0%	0.6%	0.8%	0.5%	0.0%	0.0%	0.0%	
AM Peak	06:00	11:00	07:00	10:00	07:00	06:00	10:00	07:00	07:00	04:00			04:00	07:00
Vol.	2	183	40	9	18	9	1	8	8	7			1	256
PM Peak	18:00	17:00	17:00	16:00	17:00	13:00		12:00	12:00	16:00				17:00
Vol.	8	673	112	5	24	5		3	3	3				822

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/17/17	1	57	8	1	1	1	0	1	1	<b>4</b>	0	0	0	75
01:00	0	24	4	0	1	0	0	0	1	2	0	0	0	32
02:00	0	17	3	0	0	0	0	0	2	0	0	0	0	22
03:00	1	10	3	0	1	0	0	0	0	0	0	0	0	15
04:00	0	43	8	1	1	1	0	1	2	0	0	0	0	57
05:00	1	82	21	2	5	3	0	2	1	2	0	0	0	119
06:00	<b>7</b>	121	19	<b>7</b>	8	<b>10</b>	0	2	<b>5</b>	3	0	0	0	182
07:00	2	171	38	5	<b>15</b>	4	0	<b>4</b>	2	2	0	0	0	243
08:00	4	<b>191</b>	<b>41</b>	6	11	8	0	1	4	1	0	0	0	<b>267</b>
09:00	2	170	35	4	15	2	0	3	2	4	0	0	0	237
10:00	2	155	34	3	14	4	0	4	2	2	0	0	0	220
11:00	1	185	36	5	9	6	0	2	4	1	0	0	0	249
12 PM	4	188	47	<b>6</b>	18	7	<b>1</b>	3	3	1	0	0	0	278
13:00	3	225	46	5	19	3	0	4	2	2	0	0	0	309
14:00	4	348	66	3	26	6	0	2	1	1	0	0	0	457
15:00	<b>6</b>	474	90	4	<b>35</b>	7	0	3	2	1	0	0	0	622
16:00	6	641	<b>127</b>	6	32	5	0	<b>6</b>	4	2	<b>1</b>	0	<b>1</b>	831
17:00	4	<b>704</b>	122	4	24	<b>8</b>	0	4	2	2	0	0	0	<b>874</b>
18:00	5	528	92	2	32	5	0	3	<b>5</b>	0	0	0	0	672
19:00	1	312	54	1	10	2	0	1	2	1	0	0	0	384
20:00	0	253	37	2	14	2	0	1	4	<b>3</b>	0	0	0	316
21:00	0	195	28	1	11	1	0	2	2	1	0	0	0	241
22:00	1	165	28	0	5	1	0	1	1	0	0	0	0	202
23:00	0	115	20	0	3	0	0	0	1	0	0	0	0	139
Day Total	55	5374	1007	68	310	86	1	50	55	35	1	0	1	7043
Percent	0.8%	76.3%	14.3%	1.0%	4.4%	1.2%	0.0%	0.7%	0.8%	0.5%	0.0%	0.0%	0.0%	
AM Peak	06:00	08:00	08:00	06:00	07:00	06:00		07:00	06:00	00:00				08:00
Vol.	7	191	41	7	15	10		4	5	4				267
PM Peak	15:00	17:00	16:00	12:00	15:00	17:00	12:00	16:00	18:00	20:00	16:00		16:00	17:00
Vol.	6	704	127	6	35	8	1	6	5	3	1		1	874

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
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Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/18/17	0	56	5	0	0	1	0	0	0	0	0	0	0	62
01:00	0	37	3	0	1	0	0	0	0	0	0	0	0	41
02:00	0	20	2	0	1	0	0	1	0	0	0	0	0	24
03:00	0	19	2	0	1	0	0	1	0	0	0	0	0	23
04:00	0	49	6	0	3	1	0	0	0	0	0	0	0	59
05:00	2	88	11	3	5	3	0	0	0	6	0	0	0	118
06:00	1	103	31	2	14	9	0	2	3	2	0	0	0	167
07:00	1	151	44	1	21	13	0	3	4	3	0	0	0	241
08:00	3	168	39	3	13	7	0	0	3	1	0	0	0	237
09:00	2	178	31	2	9	1	0	2	3	1	0	0	0	229
10:00	1	183	32	1	10	2	0	2	3	0	0	0	0	234
11:00	2	196	47	0	7	1	0	2	0	0	0	0	0	255
12 PM	3	223	39	0	12	2	1	3	3	0	0	0	0	286
13:00	1	257	48	1	9	1	0	1	1	0	0	0	0	319
14:00	0	332	62	2	15	2	0	2	1	0	0	0	0	416
15:00	2	480	90	1	22	4	0	4	0	1	0	0	0	604
16:00	0	674	126	3	30	5	0	5	0	1	0	0	0	844
17:00	4	694	119	0	22	6	0	1	0	1	0	0	0	847
18:00	6	546	94	1	17	4	0	2	0	1	0	0	0	671
19:00	0	323	38	0	13	2	0	0	0	0	0	0	0	376
20:00	0	277	40	0	4	0	0	1	0	0	0	0	0	322
21:00	1	189	26	0	1	1	0	0	1	0	0	0	0	219
22:00	0	160	24	0	2	0	0	0	0	0	0	0	0	186
23:00	0	114	17	0	2	0	0	0	0	0	0	0	0	133
Day Total	29	5517	976	20	234	65	1	32	22	17	0	0	0	6913
Percent	0.4%	79.8%	14.1%	0.3%	3.4%	0.9%	0.0%	0.5%	0.3%	0.2%	0.0%	0.0%	0.0%	
AM Peak	08:00	11:00	11:00	05:00	07:00	07:00		07:00	07:00	05:00				11:00
Vol.	3	196	47	3	21	13		3	4	6				255
PM Peak	18:00	17:00	16:00	16:00	16:00	17:00	12:00	16:00	12:00	15:00				17:00
Vol.	6	694	126	3	30	6	1	5	3	1				847

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/19/17	0	64	10	2	2	0	0	0	0	0	0	0	0	78
01:00	0	29	3	0	0	1	0	0	0	0	0	0	0	33
02:00	0	20	2	0	0	0	0	0	0	0	0	0	0	22
03:00	0	15	1	1	0	1	0	1	1	1	0	0	0	21
04:00	0	45	8	1	5	2	0	0	0	1	0	0	0	62
05:00	0	85	18	1	8	2	0	0	0	2	0	0	0	116
06:00	0	138	29	4	12	3	0	0	0	0	0	0	0	186
07:00	2	189	38	3	12	6	0	1	3	1	0	0	0	255
08:00	5	185	42	4	15	4	0	0	3	1	0	0	0	259
09:00	6	171	36	2	12	1	0	1	3	0	0	0	0	232
10:00	3	177	40	4	14	3	0	1	3	1	0	0	0	246
11:00	1	199	33	3	8	3	0	2	1	2	0	0	0	252
12 PM	5	241	40	2	16	4	0	3	1	1	0	0	0	313
13:00	1	253	44	2	15	1	0	4	0	2	0	0	0	322
14:00	1	350	60	3	22	2	0	5	1	2	0	0	0	446
15:00	4	464	75	2	17	3	0	2	0	1	0	0	0	568
16:00	3	625	95	5	28	6	0	5	2	0	0	0	0	769
17:00	5	663	120	0	25	5	0	4	0	0	0	0	0	822
18:00	2	567	88	0	19	3	1	1	1	0	0	0	0	682
19:00	1	344	53	0	11	3	0	1	0	0	0	0	0	413
20:00	3	244	33	0	3	0	0	2	1	0	0	0	0	286
21:00	0	180	37	0	6	0	0	0	0	0	0	0	0	223
22:00	2	150	21	0	2	0	0	1	0	0	0	0	0	176
23:00	1	112	12	0	2	0	0	1	1	0	0	0	0	129
Day Total	45	5510	938	39	254	53	1	35	21	15	0	0	0	6911
Percent	0.7%	79.7%	13.6%	0.6%	3.7%	0.8%	0.0%	0.5%	0.3%	0.2%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	08:00	06:00	08:00	07:00		11:00	07:00	05:00				08:00
Vol.	6	199	42	4	15	6		2	3	2				259
PM Peak	12:00	17:00	17:00	16:00	16:00	16:00	18:00	14:00	16:00	13:00				17:00
Vol.	5	663	120	5	28	6	1	5	2	2				822

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Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
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Date Start: 07-Oct-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/20/17	0	66	7	0	1	0	0	1	0	0	0	0	0	75
01:00	0	27	4	0	1	0	0	0	2	1	0	0	0	35
02:00	0	23	2	0	0	0	0	0	1	0	0	0	0	26
03:00	0	15	2	1	1	0	0	1	1	1	0	0	0	22
04:00	0	43	6	0	2	0	0	0	2	2	0	0	0	55
05:00	2	85	18	1	11	2	0	2	0	1	0	0	0	122
06:00	0	125	34	2	14	3	0	3	2	1	0	0	0	184
07:00	1	185	36	3	7	8	0	2	4	3	0	0	0	249
08:00	2	198	46	5	8	6	0	1	4	1	0	0	0	271
09:00	1	178	41	4	8	5	0	4	3	0	0	0	0	244
10:00	1	173	47	2	20	5	0	2	1	1	0	0	0	252
11:00	2	179	42	4	7	6	0	1	3	0	0	0	0	244
12 PM	1	233	45	3	11	3	0	2	4	0	0	0	0	302
13:00	2	316	60	4	23	1	0	3	2	1	0	0	0	412
14:00	4	382	72	3	28	3	0	4	3	3	0	0	0	502
15:00	7	572	120	2	24	7	0	6	5	0	0	0	0	743
16:00	5	642	109	3	22	2	0	1	1	0	0	0	0	785
17:00	3	659	92	2	35	3	0	8	1	1	0	0	0	804
18:00	3	488	93	4	32	5	0	2	1	1	0	0	0	629
19:00	4	320	59	0	8	3	0	2	0	0	0	0	0	396
20:00	1	252	34	0	8	0	0	1	0	0	0	0	0	296
21:00	2	189	33	1	4	0	0	1	0	0	0	0	0	230
22:00	0	189	21	0	7	0	0	0	2	0	0	0	0	219
23:00	2	144	28	0	3	1	0	0	1	0	0	0	0	179
Day Total	43	5683	1051	44	285	63	0	47	43	17	0	0	0	7276
Percent	0.6%	78.1%	14.4%	0.6%	3.9%	0.9%	0.0%	0.6%	0.6%	0.2%	0.0%	0.0%	0.0%	
AM Peak	05:00	08:00	10:00	08:00	10:00	07:00		09:00	07:00	07:00				08:00
Vol.	2	198	47	5	20	8		4	4	3				271
PM Peak	15:00	17:00	15:00	13:00	17:00	15:00		17:00	15:00	14:00				17:00
Vol.	7	659	120	4	35	7		8	5	3				804
Grand Total	550	67003	11987	525	3076	762	17	460	415	262	5	1	5	85068
Percent	0.6%	78.8%	14.1%	0.6%	3.6%	0.9%	0.0%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	

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 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/07/17	0	58	3	1	1	0	0	0	0	0	0	0	0	63
01:00	0	31	2	0	0	0	0	0	0	0	0	0	0	33
02:00	1	18	2	0	0	0	0	0	0	0	0	0	0	21
03:00	0	17	0	0	3	0	0	0	0	0	0	0	0	20
04:00	0	28	5	0	0	0	0	0	0	0	0	0	0	33
05:00	1	64	16	0	5	0	0	0	0	0	0	0	0	86
06:00	0	112	27	1	6	1	0	1	1	2	0	0	0	151
07:00	0	136	40	1	10	1	0	1	0	0	0	0	0	189
08:00	1	231	30	0	10	0	0	2	0	0	0	0	0	274
09:00	2	336	56	0	10	0	0	0	0	0	0	0	0	404
10:00	1	420	46	0	15	0	0	0	0	1	0	0	0	483
11:00	3	420	57	1	11	3	0	4	0	1	0	0	0	500
12 PM	2	388	45	0	9	0	0	3	1	1	0	0	0	449
13:00	2	398	62	1	11	0	0	0	0	0	0	0	0	474
14:00	1	394	60	0	14	1	0	1	1	1	0	0	0	473
15:00	3	377	41	1	7	3	1	2	0	0	0	0	0	435
16:00	5	378	58	0	10	2	0	1	0	0	0	0	0	454
17:00	6	342	35	0	4	0	0	1	0	0	0	0	0	388
18:00	4	292	23	1	5	1	0	0	1	0	0	0	0	327
19:00	3	199	28	0	6	1	0	0	0	1	0	0	0	238
20:00	2	175	21	0	6	0	0	0	1	0	0	0	0	205
21:00	1	177	10	0	1	0	0	0	0	0	0	0	0	189
22:00	0	134	12	0	3	0	0	0	0	0	0	0	0	149
23:00	1	104	5	0	1	0	0	0	0	0	0	0	0	111
Day Total	39	5229	684	7	148	13	1	16	5	7	0	0	0	6149
Percent	0.6%	85.0%	11.1%	0.1%	2.4%	0.2%	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00	11:00	00:00	10:00	11:00		11:00	06:00	06:00				11:00
Vol.	3	420	57	1	15	3		4	1	2				500
PM Peak	17:00	13:00	13:00	13:00	14:00	15:00	15:00	12:00	12:00	12:00				13:00
Vol.	6	398	62	1	14	3	1	3	1	1				474

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/08/17	0	69	5	0	1	0	0	0	0	0	0	0	0	75
01:00	0	41	5	0	1	0	0	0	0	0	0	0	0	47
02:00	0	11	4	0	0	0	0	0	0	0	0	0	0	15
03:00	0	9	2	0	0	0	0	0	<b>1</b>	0	0	0	0	12
04:00	0	13	3	0	0	0	0	0	0	0	0	0	0	16
05:00	0	32	8	0	3	0	0	0	0	0	0	0	0	43
06:00	0	44	10	0	1	0	0	0	0	0	0	0	0	55
07:00	0	53	15	<b>1</b>	2	0	0	0	0	<b>1</b>	0	0	0	72
08:00	1	96	27	0	3	0	0	0	0	0	0	0	0	127
09:00	3	231	28	0	3	<b>1</b>	0	<b>1</b>	0	0	0	0	0	267
10:00	<b>5</b>	<b>314</b>	<b>47</b>	0	2	0	0	0	0	0	0	0	0	368
11:00	4	313	47	0	<b>8</b>	0	0	1	1	0	0	0	0	<b>374</b>
12 PM	4	368	40	0	<b>12</b>	0	0	0	0	0	0	0	0	424
13:00	1	401	<b>51</b>	0	8	0	0	<b>1</b>	0	<b>1</b>	0	0	0	<b>463</b>
14:00	3	<b>403</b>	34	<b>1</b>	6	<b>1</b>	0	0	0	0	0	0	0	448
15:00	2	384	31	0	5	0	0	1	0	0	0	0	0	423
16:00	2	327	33	0	5	0	0	0	<b>2</b>	0	0	0	0	369
17:00	1	274	30	0	8	0	0	0	1	0	0	0	0	314
18:00	<b>8</b>	253	27	0	8	0	0	1	0	0	0	0	0	297
19:00	6	290	20	0	6	0	0	0	0	0	0	0	0	322
20:00	3	271	25	0	6	0	0	0	0	0	0	0	0	305
21:00	1	268	20	0	4	1	0	0	0	0	0	0	0	294
22:00	0	193	11	0	2	0	0	0	0	0	0	0	0	206
23:00	0	128	8	0	2	0	0	0	0	0	0	0	0	138
Day Total	44	4786	531	2	96	3	0	5	5	2	0	0	0	5474
Percent	0.8%	87.4%	9.7%	0.0%	1.8%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	10:00	07:00	11:00	09:00		09:00	03:00	07:00				11:00
Vol.	5	314	47	1	8	1		1	1	1				374
PM Peak	18:00	14:00	13:00	14:00	12:00	14:00		13:00	16:00	13:00				13:00
Vol.	8	403	51	1	12	1		1	2	1				463

**Ontario Traffic, Inc.**  
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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/09/17	0	52	3	0	1	0	0	0	0	0	0	0	0	56
01:00	0	39	1	0	0	0	0	0	0	0	0	0	0	40
02:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
03:00	0	13	0	0	0	0	0	0	0	0	0	0	0	13
04:00	0	18	4	0	2	0	0	0	0	0	0	0	0	24
05:00	1	37	7	0	1	0	0	0	0	0	0	0	0	46
06:00	2	39	13	0	1	0	0	0	1	0	0	0	0	56
07:00	0	47	12	0	3	0	0	0	0	0	0	0	0	62
08:00	3	71	19	0	4	0	0	0	0	0	0	0	0	97
09:00	4	118	23	0	7	0	0	2	1	0	0	0	0	155
10:00	5	182	24	0	5	0	0	4	0	0	0	0	0	220
11:00	6	255	25	0	9	0	0	1	0	2	0	0	0	298
12 PM	4	370	37	0	12	0	0	1	1	0	0	0	0	425
13:00	3	331	40	0	7	0	0	0	1	0	0	0	0	382
14:00	3	316	30	0	6	0	0	0	0	0	0	0	0	355
15:00	2	326	38	1	12	0	0	2	1	0	0	0	0	382
16:00	5	320	46	0	6	0	0	0	1	0	0	0	0	378
17:00	4	329	38	0	9	0	0	3	0	0	0	0	1	384
18:00	1	322	27	0	10	1	0	2	1	0	0	1	0	365
19:00	3	318	28	0	3	0	0	1	0	0	0	0	0	353
20:00	0	245	33	0	2	0	0	0	0	2	0	0	0	282
21:00	2	153	17	0	4	0	0	0	0	0	0	0	0	176
22:00	0	97	11	0	1	1	0	0	0	0	0	0	0	110
23:00	0	62	1	0	2	0	0	0	0	0	0	0	0	65
Day Total	48	4072	478	1	107	2	0	16	7	4	0	1	1	4737
Percent	1.0%	86.0%	10.1%	0.0%	2.3%	0.0%	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00		11:00			10:00	06:00	11:00				11:00
Vol.	6	255	25		9			4	1	2				298
PM Peak	16:00	12:00	16:00	15:00	12:00	18:00		17:00	12:00	20:00		18:00	17:00	12:00
Vol.	5	370	46	1	12	1		3	1	2		1	1	425

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/10/17	0	16	4	0	1	0	0	0	0	0	0	0	0	21
01:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19
02:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
03:00	0	27	3	1	0	0	0	0	0	0	0	0	0	31
04:00	0	89	20	0	2	1	0	0	0	0	0	0	0	112
05:00	2	332	100	1	18	3	0	2	0	0	0	0	0	458
06:00	3	585	<b>147</b>	4	<b>34</b>	3	0	2	1	0	0	0	0	779
07:00	<b>7</b>	<b>778</b>	114	6	24	0	2	0	0	0	0	0	0	<b>931</b>
08:00	4	703	82	<b>7</b>	33	<b>8</b>	2	<b>6</b>	0	<b>3</b>	0	0	<b>1</b>	849
09:00	3	478	62	2	16	3	2	4	2	2	0	0	0	574
10:00	2	332	48	1	24	5	0	2	2	0	0	0	0	416
11:00	6	274	41	4	10	4	<b>3</b>	2	<b>4</b>	0	0	0	0	348
12 PM	4	318	44	3	<b>26</b>	2	<b>2</b>	1	<b>2</b>	2	0	0	1	405
13:00	2	318	45	1	11	6	0	<b>3</b>	0	2	0	0	1	389
14:00	2	317	48	<b>8</b>	12	7	1	2	2	1	0	0	1	401
15:00	6	379	40	4	19	7	2	0	2	<b>4</b>	0	0	0	<b>463</b>
16:00	9	327	<b>51</b>	1	15	<b>9</b>	2	1	2	1	0	0	1	419
17:00	<b>11</b>	<b>380</b>	44	2	16	3	2	3	1	0	0	0	1	463
18:00	7	329	47	2	8	5	2	2	1	0	0	0	0	403
19:00	4	257	37	1	16	1	0	0	1	1	0	0	<b>2</b>	320
20:00	2	120	27	1	13	1	0	0	0	0	0	0	1	165
21:00	1	119	11	0	4	1	0	0	1	0	0	0	0	137
22:00	0	88	10	0	4	1	0	0	0	0	0	0	0	103
23:00	1	27	3	0	4	0	0	0	0	1	0	0	0	36
Day Total	76	6619	1032	49	310	70	20	30	21	17	0	0	9	8253
Percent	0.9%	80.2%	12.5%	0.6%	3.8%	0.8%	0.2%	0.4%	0.3%	0.2%	0.0%	0.0%	0.1%	
AM Peak	07:00	07:00	06:00	08:00	06:00	08:00	11:00	08:00	11:00	08:00			08:00	07:00
Vol.	7	778	147	7	34	8	3	6	4	3			1	931
PM Peak	17:00	17:00	16:00	14:00	12:00	16:00	12:00	13:00	12:00	15:00			19:00	15:00
Vol.	11	380	51	8	26	9	2	3	2	4			2	463

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
Newmarket, Ontario L3Y 3E3  
Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/11/17	0	22	3	0	1	2	0	0	0	0	0	0	0	28
01:00	0	23	1	0	0	0	0	0	0	0	0	0	0	24
02:00	0	27	1	0	1	0	0	0	0	0	0	0	0	29
03:00	0	30	6	0	0	0	0	0	0	0	0	0	0	36
04:00	2	71	16	0	2	0	0	0	0	0	0	0	0	91
05:00	3	293	100	0	14	1	0	1	0	0	0	0	0	412
06:00	<b>7</b>	<b>602</b>	<b>165</b>	1	<b>27</b>	1	1	2	1	1	0	0	0	808
07:00	4	<b>745</b>	113	3	24	2	<b>2</b>	1	0	<b>2</b>	0	0	0	<b>896</b>
08:00	6	675	78	<b>5</b>	17	<b>5</b>	0	<b>5</b>	2	1	0	0	0	794
09:00	5	448	68	2	22	3	1	3	1	0	0	0	0	553
10:00	5	351	51	2	24	4	0	2	1	2	0	0	0	442
11:00	2	300	42	1	16	2	1	3	<b>3</b>	2	0	0	<b>2</b>	374
12 PM	2	313	50	3	21	3	0	<b>3</b>	1	2	0	0	<b>2</b>	400
13:00	3	274	<b>52</b>	<b>5</b>	21	3	0	0	0	1	0	0	0	359
14:00	7	295	47	4	<b>22</b>	4	0	0	1	1	0	0	0	381
15:00	5	<b>345</b>	44	4	10	<b>6</b>	0	1	1	<b>3</b>	0	0	0	<b>419</b>
16:00	<b>8</b>	334	39	4	13	5	1	1	0	2	0	0	1	408
17:00	4	338	44	0	12	1	<b>2</b>	0	0	0	0	0	2	403
18:00	6	277	42	3	9	1	2	0	<b>2</b>	1	0	0	0	343
19:00	3	198	25	1	10	3	0	0	0	0	0	0	0	240
20:00	1	136	16	0	4	0	0	1	0	0	0	0	0	158
21:00	2	87	12	0	3	1	0	0	0	0	0	0	0	105
22:00	0	86	6	0	3	0	1	0	0	1	0	0	0	97
23:00	1	49	3	0	1	0	0	0	0	0	0	0	0	54
Day Total	76	6319	1024	38	277	47	11	23	13	19	0	0	7	7854
Percent	1.0%	80.5%	13.0%	0.5%	3.5%	0.6%	0.1%	0.3%	0.2%	0.2%	0.0%	0.0%	0.1%	
AM Peak	06:00	07:00	06:00	08:00	06:00	08:00	07:00	08:00	11:00	07:00			11:00	07:00
Vol.	7	745	165	5	27	5	2	5	3	2			2	896
PM Peak	16:00	15:00	13:00	13:00	14:00	15:00	17:00	12:00	18:00	15:00			12:00	15:00
Vol.	8	345	52	5	22	6	2	3	2	3			2	419

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 Albion Vaughan Rd between Queensgate  
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 Date Start: 07-Oct-17  
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/12/17	0	22	4	0	1	0	0	0	0	1	0	0	0	28
01:00	0	18	1	0	1	0	0	0	0	1	0	0	0	21
02:00	0	28	1	0	1	0	0	0	0	0	0	0	0	30
03:00	0	22	5	1	0	0	0	0	0	0	0	0	0	28
04:00	0	88	16	0	3	0	0	0	0	0	0	0	0	107
05:00	2	328	98	1	20	2	0	4	2	0	0	0	0	457
06:00	3	606	<b>163</b>	1	<b>34</b>	1	0	4	2	0	0	0	0	814
07:00	4	<b>728</b>	112	2	24	1	0	<b>5</b>	2	0	0	0	<b>1</b>	<b>879</b>
08:00	<b>7</b>	666	75	3	20	2	0	3	2	1	0	0	0	779
09:00	3	509	70	<b>5</b>	20	3	<b>2</b>	2	1	<b>2</b>	0	0	1	618
10:00	2	331	40	0	19	<b>6</b>	0	1	2	2	0	0	0	403
11:00	2	322	40	2	14	3	1	3	<b>3</b>	1	0	0	1	392
12 PM	2	304	51	2	17	6	0	2	1	1	0	0	1	387
13:00	6	274	46	3	13	6	1	1	1	0	0	0	1	352
14:00	3	309	37	<b>7</b>	8	3	1	1	1	1	0	0	0	371
15:00	7	355	42	2	<b>19</b>	5	3	3	1	1	0	0	<b>3</b>	441
16:00	5	339	47	1	10	<b>7</b>	<b>5</b>	3	4	2	0	0	2	425
17:00	<b>11</b>	<b>364</b>	40	1	12	5	4	<b>4</b>	<b>5</b>	<b>3</b>	0	0	3	<b>452</b>
18:00	8	348	<b>54</b>	1	12	7	2	3	1	0	0	0	0	436
19:00	7	281	32	1	8	2	0	0	1	1	0	0	0	333
20:00	1	151	20	0	5	0	0	0	1	0	0	0	0	178
21:00	0	95	11	0	5	0	0	0	0	0	0	0	0	111
22:00	0	71	13	0	2	0	0	0	0	0	0	0	0	86
23:00	0	43	5	0	1	0	0	0	0	0	0	0	0	49
Day Total	73	6602	1023	33	269	59	19	39	30	17	0	0	13	8177
Percent	0.9%	80.7%	12.5%	0.4%	3.3%	0.7%	0.2%	0.5%	0.4%	0.2%	0.0%	0.0%	0.2%	
AM Peak	08:00	07:00	06:00	09:00	06:00	10:00	09:00	07:00	11:00	09:00			07:00	07:00
Vol.	7	728	163	5	34	6	2	5	3	2			1	879
PM Peak	17:00	17:00	18:00	14:00	15:00	16:00	16:00	17:00	17:00	17:00			15:00	17:00
Vol.	11	364	54	7	19	7	5	4	5	3			3	452

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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/13/17	0	29	4	0	0	0	0	0	0	0	0	0	0	33
01:00	0	22	4	0	1	1	0	0	1	0	0	0	0	29
02:00	0	27	1	0	0	0	0	0	1	1	0	0	0	30
03:00	0	20	4	0	1	0	0	0	0	0	0	0	0	25
04:00	1	74	14	0	4	0	0	0	0	1	0	0	0	94
05:00	2	304	103	1	21	1	0	3	2	0	0	0	0	437
06:00	1	519	129	2	35	3	1	3	1	0	0	0	0	694
07:00	3	706	105	4	29	3	0	3	2	1	0	0	1	857
08:00	7	649	70	5	14	1	4	3	0	1	0	0	0	754
09:00	5	471	59	4	18	5	3	2	1	2	0	0	0	570
10:00	2	319	58	2	25	4	1	2	3	3	1	0	1	421
11:00	4	300	48	5	25	6	2	2	2	1	0	0	1	396
12 PM	3	307	53	4	22	5	0	1	3	2	0	0	0	400
13:00	2	289	63	4	13	4	3	2	1	4	0	0	0	385
14:00	2	312	47	8	17	6	3	3	4	3	0	0	2	407
15:00	6	360	46	5	17	12	2	2	8	4	0	0	0	462
16:00	10	381	44	3	16	4	0	3	6	5	1	0	0	473
17:00	8	335	42	4	14	1	1	0	4	3	0	0	1	413
18:00	1	378	40	1	13	6	2	0	3	2	0	0	1	447
19:00	2	244	38	0	14	4	0	2	1	0	0	0	1	306
20:00	0	174	20	0	5	3	0	1	0	1	0	0	0	204
21:00	0	118	18	0	3	1	0	0	0	0	0	0	0	140
22:00	1	96	14	0	4	0	1	0	0	0	0	0	0	116
23:00	0	83	5	0	3	0	0	0	0	0	0	0	0	91
Day Total	60	6517	1029	52	314	70	23	32	43	34	2	0	8	8184
Percent	0.7%	79.6%	12.6%	0.6%	3.8%	0.9%	0.3%	0.4%	0.5%	0.4%	0.0%	0.0%	0.1%	
AM Peak	08:00	07:00	06:00	08:00	06:00	11:00	08:00	05:00	10:00	10:00	10:00		07:00	07:00
Vol.	7	706	129	5	35	6	4	3	3	3	1		1	857
PM Peak	16:00	16:00	13:00	14:00	12:00	15:00	13:00	14:00	15:00	16:00	16:00		14:00	16:00
Vol.	10	381	63	8	22	12	3	3	8	5	1		2	473

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/14/17	0	59	10	0	2	1	0	0	0	0	0	0	0	72
01:00	1	19	1	0	1	0	0	0	0	0	0	0	0	22
02:00	1	17	4	0	1	1	0	0	0	<b>1</b>	0	0	0	25
03:00	0	7	1	0	0	1	0	0	0	0	0	0	0	9
04:00	0	36	8	0	0	1	0	0	0	0	0	0	0	45
05:00	3	82	27	0	7	1	0	0	<b>1</b>	0	0	0	0	121
06:00	2	111	30	<b>1</b>	7	1	0	2	0	0	0	0	0	154
07:00	<b>8</b>	180	24	0	10	1	0	0	0	0	0	0	0	223
08:00	6	301	51	0	9	2	0	<b>3</b>	1	0	0	0	<b>1</b>	374
09:00	4	364	45	0	16	1	0	2	1	1	0	0	0	434
10:00	6	387	<b>58</b>	0	11	<b>3</b>	0	1	0	0	0	0	1	467
11:00	8	<b>412</b>	47	1	<b>17</b>	1	0	3	0	0	0	0	0	<b>489</b>
12 PM	6	<b>398</b>	<b>66</b>	<b>2</b>	<b>17</b>	<b>3</b>	<b>2</b>	2	<b>2</b>	0	0	0	0	<b>498</b>
13:00	6	395	52	0	15	1	1	2	2	0	0	0	0	474
14:00	<b>11</b>	377	29	1	11	1	1	<b>3</b>	0	0	0	0	0	434
15:00	8	383	35	2	12	3	0	0	0	<b>1</b>	0	0	0	444
16:00	4	355	40	0	4	2	0	0	1	0	0	0	0	406
17:00	7	313	40	1	11	0	1	1	0	0	0	0	0	374
18:00	7	295	27	0	9	0	0	0	1	0	0	0	0	339
19:00	4	174	20	0	6	2	0	0	1	0	0	0	<b>1</b>	208
20:00	1	150	13	0	1	0	1	0	0	0	0	0	0	166
21:00	3	94	19	0	3	0	0	0	0	1	0	0	0	120
22:00	2	98	9	0	3	0	0	0	0	0	0	0	0	112
23:00	1	99	6	0	1	1	0	0	0	0	0	0	0	108
Day Total	99	5106	662	8	174	27	6	19	10	4	0	0	3	6118
Percent	1.6%	83.5%	10.8%	0.1%	2.8%	0.4%	0.1%	0.3%	0.2%	0.1%	0.0%	0.0%	0.0%	
AM Peak	07:00	11:00	10:00	06:00	11:00	10:00		08:00	05:00	02:00			08:00	11:00
Vol.	8	412	58	1	17	3		3	1	1			1	489
PM Peak	14:00	12:00	12:00	12:00	12:00	12:00	12:00	14:00	12:00	15:00			19:00	12:00
Vol.	11	398	66	2	17	3	2	3	2	1			1	498

**Ontario Traffic, Inc.**  
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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/15/17	1	63	5	0	0	0	0	0	0	0	0	0	0	69
01:00	1	44	3	0	0	0	0	0	0	0	0	0	0	48
02:00	1	12	2	0	1	0	0	0	0	0	0	0	0	16
03:00	1	13	3	0	0	<b>1</b>	0	0	0	0	0	0	0	18
04:00	0	21	4	0	0	0	0	0	0	0	0	0	0	25
05:00	2	43	9	0	1	0	0	0	0	0	0	0	0	55
06:00	<b>9</b>	65	13	0	1	0	0	0	1	0	0	0	0	89
07:00	0	71	10	0	2	0	0	0	0	0	0	0	0	83
08:00	0	136	21	0	<b>10</b>	0	0	1	0	0	0	0	0	168
09:00	2	250	38	0	4	1	0	<b>2</b>	0	0	0	0	<b>1</b>	298
10:00	3	332	<b>46</b>	0	4	0	0	1	0	0	0	0	0	386
11:00	9	<b>382</b>	46	0	6	0	0	2	<b>2</b>	0	0	0	0	<b>447</b>
12 PM	3	356	42	0	12	1	0	1	0	0	0	0	0	415
13:00	<b>8</b>	<b>358</b>	<b>49</b>	0	9	<b>2</b>	0	1	0	0	0	0	0	<b>427</b>
14:00	3	324	43	1	<b>16</b>	2	0	0	<b>1</b>	0	0	0	0	390
15:00	6	312	40	1	13	0	0	<b>2</b>	1	0	0	0	0	375
16:00	4	328	37	<b>2</b>	5	0	0	1	0	0	0	0	0	377
17:00	8	296	35	1	7	0	0	0	0	<b>1</b>	0	0	0	348
18:00	0	234	39	0	5	0	0	0	0	0	0	0	0	278
19:00	2	185	33	1	7	1	0	0	0	0	0	0	0	229
20:00	1	145	25	1	4	0	0	1	0	0	0	0	0	177
21:00	1	99	10	1	2	0	0	0	1	0	0	0	0	114
22:00	1	75	13	1	1	0	0	0	0	0	0	0	0	91
23:00	1	29	1	0	1	0	0	0	0	0	0	0	0	32
Day Total	67	4173	567	9	111	8	0	12	6	1	0	0	1	4955
Percent	1.4%	84.2%	11.4%	0.2%	2.2%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	11:00	10:00		08:00	03:00		09:00	11:00				09:00	11:00
Vol.	9	382	46		10	1		2	2				1	447
PM Peak	13:00	13:00	13:00	16:00	14:00	13:00		15:00	14:00	17:00				13:00
Vol.	8	358	49	2	16	2		2	1	1				427

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Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/16/17	1	25	2	0	0	1	0	0	0	0	0	0	0	29
01:00	0	11	1	0	0	0	0	0	0	0	0	0	0	12
02:00	0	9	0	0	0	0	0	1	0	0	0	0	0	10
03:00	0	20	4	0	1	0	0	0	1	0	0	0	0	26
04:00	2	67	18	0	4	0	0	0	1	0	0	0	0	92
05:00	10	286	118	0	15	1	0	4	0	0	0	0	0	434
06:00	<b>13</b>	<b>558</b>	<b>150</b>	<b>5</b>	<b>33</b>	3	0	<b>5</b>	1	0	0	0	0	768
07:00	9	<b>731</b>	124	2	21	3	1	2	2	<b>3</b>	0	0	<b>2</b>	<b>900</b>
08:00	7	663	88	5	24	3	1	3	2	1	0	0	1	798
09:00	10	428	60	4	20	3	<b>2</b>	4	<b>5</b>	1	0	0	0	537
10:00	9	300	52	3	22	<b>8</b>	0	5	1	0	0	0	1	401
11:00	5	311	42	1	12	1	0	3	1	0	0	0	0	376
12 PM	4	335	38	0	7	<b>3</b>	0	0	0	1	0	0	0	388
13:00	2	325	37	0	5	1	0	0	1	1	0	0	0	372
14:00	3	360	33	<b>3</b>	12	0	0	1	1	0	0	0	0	413
15:00	<b>9</b>	<b>375</b>	40	1	7	1	<b>1</b>	1	0	1	0	0	0	436
16:00	1	343	46	0	13	2	0	2	<b>2</b>	2	0	<b>1</b>	0	412
17:00	1	370	<b>50</b>	1	<b>14</b>	3	0	<b>3</b>	2	<b>3</b>	0	1	0	<b>448</b>
18:00	4	305	48	2	13	0	0	2	1	0	0	0	<b>1</b>	376
19:00	2	265	43	1	9	1	0	1	0	0	0	0	0	322
20:00	1	153	25	0	5	1	0	1	0	0	0	0	0	186
21:00	0	105	14	0	3	0	0	0	0	0	0	0	0	122
22:00	0	91	8	0	3	0	0	0	0	0	0	0	0	102
23:00	0	57	4	0	2	0	0	0	1	0	0	0	0	64
Day Total	93	6493	1045	28	245	35	5	38	22	13	0	2	5	8024
Percent	1.2%	80.9%	13.0%	0.3%	3.1%	0.4%	0.1%	0.5%	0.3%	0.2%	0.0%	0.0%	0.1%	
AM Peak	06:00	07:00	06:00	06:00	06:00	10:00	09:00	06:00	09:00	07:00			07:00	07:00
Vol.	13	731	150	5	33	8	2	5	5	3			2	900
PM Peak	15:00	15:00	17:00	14:00	17:00	12:00	15:00	17:00	16:00	17:00		16:00	18:00	17:00
Vol.	9	375	50	3	14	3	1	3	2	3		1	1	448

**Ontario Traffic, Inc.**  
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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/17/17	0	21	4	0	1	0	0	0	0	0	0	0	0	26
01:00	0	17	2	0	0	0	0	0	0	0	0	0	0	19
02:00	0	17	3	0	0	0	0	0	0	1	0	0	0	21
03:00	0	19	4	0	1	0	0	0	0	0	0	0	0	24
04:00	1	67	14	0	2	0	0	0	0	0	0	0	0	84
05:00	3	340	60	2	14	1	0	1	1	0	0	0	0	422
06:00	<b>5</b>	<b>639</b>	<b>117</b>	0	15	<b>5</b>	0	1	0	0	0	0	0	782
07:00	4	<b>775</b>	82	<b>3</b>	<b>18</b>	3	<b>2</b>	4	<b>2</b>	<b>2</b>	0	0	0	<b>895</b>
08:00	4	707	75	2	16	1	2	<b>5</b>	2	2	0	0	0	816
09:00	3	452	48	1	11	2	1	2	1	1	0	0	0	522
10:00	2	368	44	2	18	0	1	1	1	1	0	0	<b>1</b>	439
11:00	1	310	42	1	17	2	0	3	1	0	0	0	0	377
12 PM	2	317	38	<b>4</b>	<b>16</b>	1	<b>1</b>	1	<b>1</b>	0	0	0	<b>1</b>	382
13:00	2	292	35	1	15	1	1	0	1	<b>1</b>	0	0	0	349
14:00	1	325	42	2	10	3	0	<b>2</b>	0	1	0	0	1	387
15:00	3	348	<b>52</b>	3	11	<b>5</b>	1	2	0	1	0	0	1	<b>427</b>
16:00	6	<b>353</b>	46	1	10	3	1	1	1	0	0	0	0	422
17:00	<b>7</b>	345	45	0	13	2	0	2	1	1	0	0	0	416
18:00	5	300	39	1	8	3	1	1	1	0	0	0	0	359
19:00	4	239	31	1	7	2	0	1	1	0	0	0	0	286
20:00	2	151	17	0	5	0	0	0	0	0	0	0	1	176
21:00	1	95	10	0	3	0	0	0	0	0	0	0	0	109
22:00	0	84	6	0	2	0	0	0	0	0	0	0	0	92
23:00	1	45	5	0	3	0	0	0	0	1	0	0	0	55
Day Total	57	6626	861	24	216	34	11	27	14	12	0	0	5	7887
Percent	0.7%	84.0%	10.9%	0.3%	2.7%	0.4%	0.1%	0.3%	0.2%	0.2%	0.0%	0.0%	0.1%	
AM Peak	06:00	07:00	06:00	07:00	07:00	06:00	07:00	08:00	07:00	07:00			10:00	07:00
Vol.	5	775	117	3	18	5	2	5	2	2			1	895
PM Peak	17:00	16:00	15:00	12:00	12:00	15:00	12:00	14:00	12:00	13:00			12:00	15:00
Vol.	7	353	52	4	16	5	1	2	1	1			1	427

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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/18/17	0	30	2	0	0	0	0	0	0	0	0	0	0	32
01:00	0	22	1	0	0	1	0	0	0	0	0	0	0	24
02:00	0	19	3	0	0	0	0	0	0	0	0	0	0	22
03:00	1	29	2	0	0	0	0	0	0	0	0	0	0	32
04:00	0	88	16	1	3	0	0	0	0	1	0	0	0	109
05:00	3	341	107	0	15	0	0	0	0	0	0	0	0	466
06:00	2	687	114	3	10	0	0	0	0	0	0	0	0	816
07:00	4	<b>737</b>	85	1	<b>59</b>	0	0	0	0	0	0	0	0	<b>886</b>
08:00	2	632	<b>117</b>	<b>5</b>	24	<b>2</b>	0	1	1	<b>2</b>	0	0	0	786
09:00	5	501	87	1	23	1	0	<b>3</b>	1	1	0	0	0	623
10:00	4	356	44	2	9	0	0	1	0	0	0	0	0	416
11:00	<b>6</b>	322	54	1	13	1	0	2	<b>2</b>	2	0	0	0	403
12 PM	1	323	48	0	14	1	0	0	<b>1</b>	1	0	0	0	389
13:00	2	270	57	<b>2</b>	13	<b>2</b>	0	0	0	0	0	0	0	346
14:00	1	298	<b>62</b>	1	<b>15</b>	1	0	1	0	<b>3</b>	0	0	0	382
15:00	3	357	48	1	11	1	0	0	0	1	0	0	0	422
16:00	2	<b>395</b>	52	0	13	0	0	1	0	1	0	0	0	<b>464</b>
17:00	<b>4</b>	369	49	0	12	0	0	1	0	1	0	0	0	436
18:00	4	354	43	0	7	1	0	<b>2</b>	0	0	0	0	0	411
19:00	3	282	34	0	6	1	0	2	0	0	0	0	0	328
20:00	1	157	22	0	6	0	0	0	0	0	0	0	0	186
21:00	0	104	14	0	4	0	0	0	0	0	0	0	0	122
22:00	1	71	10	0	3	0	0	0	0	0	0	0	0	85
23:00	0	44	4	0	1	0	0	0	0	0	0	0	0	49
Day Total	49	6788	1075	18	261	12	0	14	5	13	0	0	0	8235
Percent	0.6%	82.4%	13.1%	0.2%	3.2%	0.1%	0.0%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	
AM Peak	11:00	07:00	08:00	08:00	07:00	08:00		09:00	11:00	08:00				07:00
Vol.	6	737	117	5	59	2		3	2	2				886
PM Peak	17:00	16:00	14:00	13:00	14:00	13:00		18:00	12:00	14:00				16:00
Vol.	4	395	62	2	15	2		2	1	3				464

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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/19/17	0	30	2	0	1	0	0	0	0	0	0	0	0	33
01:00	0	18	2	0	1	0	0	0	0	0	0	0	0	21
02:00	0	21	4	1	0	0	0	0	0	0	0	0	0	26
03:00	1	27	4	0	0	0	0	0	0	0	0	0	0	32
04:00	1	85	18	0	2	0	0	0	0	0	0	0	0	106
05:00	1	362	72	3	12	0	0	0	0	2	0	0	0	452
06:00	3	622	163	0	12	1	0	0	1	0	0	0	0	802
07:00	4	702	129	1	37	0	0	0	0	0	0	0	0	873
08:00	6	675	70	2	14	2	0	2	0	0	0	0	0	771
09:00	4	526	54	4	11	2	0	1	0	0	0	0	0	602
10:00	3	366	44	1	4	1	0	0	0	0	0	0	0	419
11:00	1	331	51	0	5	1	0	3	0	0	0	0	0	392
12 PM	1	350	52	2	6	0	0	1	0	1	0	0	0	413
13:00	2	301	26	2	24	1	0	0	0	0	0	0	0	356
14:00	3	324	28	0	26	1	0	0	0	0	0	0	0	382
15:00	2	339	58	1	10	2	1	1	2	0	0	0	0	416
16:00	2	384	66	0	14	1	1	1	2	0	0	0	0	471
17:00	5	394	36	0	10	0	0	0	0	1	0	0	0	446
18:00	3	371	43	0	9	1	0	2	0	0	0	0	0	429
19:00	1	294	29	0	5	1	0	1	0	0	0	0	0	331
20:00	0	164	18	0	3	0	0	0	0	0	0	0	0	185
21:00	1	120	14	0	3	0	0	1	0	0	0	0	0	139
22:00	1	83	10	0	2	0	0	0	0	0	0	0	0	96
23:00	1	48	5	0	1	0	0	0	0	0	0	0	0	55
Day Total	46	6937	998	17	212	14	2	13	5	4	0	0	0	8248
Percent	0.6%	84.1%	12.1%	0.2%	2.6%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	06:00	09:00	07:00	08:00		11:00	06:00	05:00				07:00
Vol.	6	702	163	4	37	2		3	1	2				873
PM Peak	17:00	17:00	16:00	12:00	14:00	15:00	15:00	18:00	15:00	12:00				16:00
Vol.	5	394	66	2	26	2	1	2	2	1				471

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
Newmarket, Ontario L3Y 3E3  
Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/20/17	0	33	3	0	0	0	0	0	0	1	0	0	0	37
01:00	0	28	3	0	1	0	0	0	0	0	0	0	0	32
02:00	0	23	2	0	0	0	0	0	0	0	0	0	1	26
03:00	0	17	3	0	1	0	0	0	0	0	0	0	0	21
04:00	1	87	8	0	1	0	0	0	0	0	0	0	0	97
05:00	4	338	68	0	8	0	0	0	1	0	0	0	0	419
06:00	5	601	89	1	18	1	0	1	0	0	0	0	0	716
07:00	7	<b>693</b>	<b>132</b>	0	<b>25</b>	0	0	0	0	0	0	0	0	<b>857</b>
08:00	<b>9</b>	665	98	0	20	<b>2</b>	0	1	1	0	0	0	0	796
09:00	7	511	71	1	19	1	0	2	0	1	0	0	0	613
10:00	6	340	47	1	13	0	0	<b>3</b>	1	0	0	0	0	411
11:00	2	326	39	0	6	1	0	1	0	1	0	0	0	376
12 PM	3	358	43	1	6	0	0	0	1	0	0	0	0	412
13:00	2	333	31	<b>2</b>	11	1	0	1	1	0	0	0	0	382
14:00	4	339	52	0	6	1	0	0	0	1	0	0	0	403
15:00	5	359	57	1	16	0	0	2	1	0	0	0	0	441
16:00	1	<b>412</b>	58	1	16	<b>2</b>	0	<b>3</b>	<b>2</b>	<b>3</b>	0	<b>1</b>	0	<b>499</b>
17:00	<b>6</b>	399	<b>64</b>	2	<b>18</b>	0	0	1	1	1	0	0	<b>1</b>	493
18:00	2	375	62	1	13	1	0	2	0	0	0	0	0	456
19:00	1	266	38	1	8	0	0	0	0	0	0	0	0	314
20:00	1	186	31	0	6	1	0	1	0	0	0	0	0	226
21:00	0	126	10	0	4	0	0	1	0	0	0	0	0	141
22:00	1	86	12	0	2	0	0	0	0	0	0	0	0	101
23:00	0	84	7	0	3	0	0	0	0	0	0	0	0	94
Day Total	67	6985	1028	12	221	11	0	19	9	8	0	1	2	8363
Percent	0.8%	83.5%	12.3%	0.1%	2.6%	0.1%	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak Vol.	08:00	07:00	07:00	06:00	07:00	08:00		10:00	05:00	00:00			02:00	07:00
	9	693	132	1	25	2		3	1	1			1	857
PM Peak Vol.	17:00	16:00	17:00	13:00	17:00	16:00		16:00	16:00	16:00		16:00	17:00	16:00
	6	412	64	2	18	2		3	2	3		1	1	499
Grand Total	894	83252	12037	298	2961	405	98	303	195	155	2	4	54	100658
Percent	0.9%	82.7%	12.0%	0.3%	2.9%	0.4%	0.1%	0.3%	0.2%	0.2%	0.0%	0.0%	0.1%	

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/07/17	0	183	16	1	3	0	0	0	0	1	0	0	0	204
01:00	0	80	6	0	3	0	0	0	0	0	0	0	0	89
02:00	1	64	7	0	1	0	0	0	0	0	0	0	0	73
03:00	1	32	2	0	5	0	0	0	0	0	0	0	0	40
04:00	0	42	5	0	1	0	0	0	0	1	0	0	0	49
05:00	1	89	23	1	5	0	0	0	<b>2</b>	<b>1</b>	0	0	0	122
06:00	0	150	45	2	14	3	0	2	2	<b>3</b>	0	0	0	221
07:00	1	214	61	1	17	<b>5</b>	0	1	0	0	0	0	0	300
08:00	4	340	63	1	21	2	0	3	0	1	0	0	0	435
09:00	4	490	89	0	18	2	0	0	0	0	0	0	0	603
10:00	3	672	92	0	24	3	0	1	0	1	0	0	0	796
11:00	<b>10</b>	<b>738</b>	<b>102</b>	<b>3</b>	<b>27</b>	5	0	<b>6</b>	0	1	0	0	0	<b>892</b>
12 PM	7	728	95	0	23	1	0	<b>5</b>	<b>1</b>	<b>1</b>	0	0	0	861
13:00	4	716	<b>121</b>	<b>1</b>	16	2	0	2	0	0	0	0	0	862
14:00	1	<b>739</b>	99	0	<b>28</b>	<b>6</b>	0	1	1	1	0	0	0	<b>876</b>
15:00	4	702	95	1	12	3	<b>1</b>	4	0	0	<b>1</b>	0	0	823
16:00	6	707	86	1	17	2	0	2	1	0	0	0	0	822
17:00	<b>9</b>	654	80	0	14	1	0	1	0	1	0	0	0	760
18:00	4	551	48	1	9	1	0	0	1	0	0	0	0	615
19:00	4	412	55	0	13	2	0	0	1	1	0	0	0	488
20:00	2	342	36	0	14	0	0	1	1	0	0	0	0	396
21:00	2	360	29	0	4	0	0	0	0	0	0	0	0	395
22:00	0	294	31	0	4	0	0	0	0	0	0	0	0	329
23:00	1	243	21	0	4	0	0	0	0	0	0	0	0	269
Day Total	69	9542	1307	13	297	38	1	29	10	13	1	0	0	11320
Percent	0.6%	84.3%	11.5%	0.1%	2.6%	0.3%	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	11:00	11:00	07:00		11:00	05:00	06:00				11:00
Vol.	10	738	102	3	27	5		6	2	3				892
PM Peak	17:00	14:00	13:00	13:00	14:00	14:00	15:00	12:00	12:00	12:00	15:00			14:00
Vol.	9	739	121	1	28	6	1	5	1	1	1			876

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 Albion Vaughan Rd between Queensgate  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/08/17	2	185	13	0	3	1	0	0	0	0	0	0	0	204
01:00	0	103	17	1	4	0	0	0	0	0	0	0	0	125
02:00	0	48	9	0	0	0	0	0	0	0	0	0	0	57
03:00	0	21	5	0	0	0	0	0	2	1	0	0	0	29
04:00	0	28	3	0	0	0	0	0	0	0	0	0	0	31
05:00	0	47	9	0	3	0	0	0	0	0	0	0	0	59
06:00	0	72	12	0	4	0	0	0	0	1	0	0	0	89
07:00	0	86	24	1	6	0	0	0	0	1	0	0	0	118
08:00	2	182	44	0	8	0	0	0	0	0	0	0	0	236
09:00	5	369	55	1	8	2	0	1	0	0	0	0	0	441
10:00	7	501	74	0	7	0	0	0	0	0	0	0	0	589
11:00	11	548	84	0	14	0	0	2	1	0	0	0	0	660
12 PM	5	688	83	1	25	0	0	1	0	0	0	0	0	803
13:00	9	717	86	0	19	2	0	3	1	1	0	0	0	838
14:00	3	761	69	1	15	1	0	2	0	0	0	0	0	852
15:00	7	716	67	0	15	1	0	1	0	0	0	0	0	807
16:00	7	643	62	0	10	1	0	1	2	0	0	0	0	726
17:00	3	533	52	0	15	1	0	0	1	0	0	0	0	605
18:00	9	442	52	0	14	0	0	1	1	0	0	0	0	519
19:00	8	510	39	0	13	2	0	1	0	0	0	0	0	573
20:00	3	473	72	0	12	0	0	0	0	0	0	0	0	560
21:00	4	470	51	0	10	1	0	0	0	0	0	0	0	536
22:00	4	354	37	0	6	0	0	0	1	0	0	0	0	402
23:00	0	275	21	0	5	0	0	0	0	0	0	0	0	301
Day Total	89	8772	1040	5	216	12	0	13	9	4	0	0	0	10160
Percent	0.9%	86.3%	10.2%	0.0%	2.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	01:00	11:00	09:00		11:00	03:00	03:00				11:00
Vol.	11	548	84	1	14	2		2	2	1				660
PM Peak	13:00	14:00	13:00	12:00	12:00	13:00		13:00	16:00	13:00				14:00
Vol.	9	761	86	1	25	2		3	2	1				852

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 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/09/17	1	142	9	0	3	0	0	0	1	0	0	0	0	156
01:00	0	92	7	0	2	0	0	1	0	0	0	0	0	102
02:00	0	32	3	0	1	0	0	0	0	0	0	0	0	36
03:00	0	31	4	0	1	0	0	0	0	0	0	0	0	36
04:00	0	29	6	0	3	0	0	0	0	0	0	0	0	38
05:00	1	53	10	0	2	0	0	0	0	0	0	0	0	66
06:00	2	62	17	0	4	0	0	0	1	0	0	0	0	86
07:00	0	79	15	0	9	0	0	0	1	1	0	0	0	105
08:00	3	120	33	0	9	1	0	0	0	0	0	0	0	166
09:00	4	203	45	1	11	0	0	2	1	0	0	0	0	267
10:00	6	293	53	0	6	2	0	5	1	0	0	0	0	366
11:00	7	417	53	0	14	0	0	2	0	2	0	0	0	495
12 PM	7	608	63	0	20	0	0	2	2	0	0	0	0	702
13:00	5	561	63	0	16	1	0	1	1	0	0	0	0	648
14:00	5	544	69	0	16	1	0	0	0	0	1	0	0	636
15:00	6	540	68	1	17	0	0	2	1	0	0	0	0	635
16:00	7	513	76	0	9	0	0	0	1	0	0	0	0	606
17:00	6	539	66	0	12	0	0	3	0	0	0	0	1	627
18:00	2	537	51	0	12	1	0	2	1	0	0	1	0	607
19:00	4	521	47	0	6	0	0	1	0	0	0	0	0	579
20:00	0	417	56	0	7	1	0	0	0	3	0	0	0	484
21:00	5	286	33	0	8	0	0	0	0	0	0	0	0	332
22:00	0	222	28	0	3	2	0	0	1	0	0	0	0	256
23:00	0	136	8	0	7	0	0	0	0	0	0	0	0	151
Day Total	71	6977	883	2	198	9	0	21	12	6	1	1	1	8182
Percent	0.9%	85.3%	10.8%	0.0%	2.4%	0.1%	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	10:00	09:00	11:00	10:00		10:00	00:00	11:00				11:00
Vol.	7	417	53	1	14	2		5	1	2				495
PM Peak	12:00	12:00	16:00	15:00	12:00	22:00		17:00	12:00	20:00	14:00	18:00	17:00	12:00
Vol.	7	608	76	1	20	2		3	2	3	1	1	1	702

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 Albion Vaughan Rd between Queensgate  
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 Date Start: 07-Oct-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/10/17	0	59	12	0	1	0	0	0	0	0	0	0	0	72
01:00	0	37	3	0	0	0	0	0	0	0	0	0	0	40
02:00	0	18	6	0	0	0	0	1	0	0	0	0	0	25
03:00	0	39	5	1	0	0	0	0	1	0	0	0	0	46
04:00	2	122	23	3	4	5	0	1	4	3	0	0	0	167
05:00	2	422	125	4	23	8	0	4	2	4	0	0	0	594
06:00	6	696	<b>181</b>	8	<b>47</b>	11	0	5	3	4	0	0	0	961
07:00	<b>11</b>	<b>942</b>	152	<b>13</b>	38	9	2	3	3	2	0	0	0	<b>1175</b>
08:00	8	874	123	10	45	11	2	6	2	<b>6</b>	0	0	<b>2</b>	1089
09:00	5	642	92	10	30	6	2	<b>12</b>	4	5	0	0	0	808
10:00	7	484	90	9	39	<b>16</b>	2	5	5	0	0	0	0	657
11:00	7	450	77	9	31	6	<b>3</b>	4	<b>7</b>	3	0	0	0	597
12 PM	5	526	81	10	36	8	2	2	<b>8</b>	3	0	0	1	682
13:00	7	555	89	5	36	11	0	6	1	3	0	0	1	714
14:00	5	624	116	<b>11</b>	26	13	2	6	4	2	0	0	1	810
15:00	<b>14</b>	815	127	7	39	9	<b>4</b>	4	3	<b>7</b>	0	0	0	1029
16:00	14	888	<b>180</b>	4	41	<b>14</b>	2	<b>9</b>	5	3	0	0	1	1161
17:00	13	<b>968</b>	172	3	42	5	2	7	4	2	0	0	1	<b>1219</b>
18:00	12	875	148	4	<b>45</b>	9	2	7	3	0	0	0	0	1105
19:00	6	590	94	3	29	6	0	3	1	2	0	0	<b>2</b>	736
20:00	2	350	59	1	20	1	0	0	0	0	0	0	1	434
21:00	2	321	44	0	10	2	0	1	1	0	0	0	0	381
22:00	0	218	23	1	10	2	0	0	1	0	0	0	0	255
23:00	1	120	18	0	8	0	0	1	0	1	0	0	0	149
Day Total	129	11635	2040	116	600	152	25	87	62	50	0	0	10	14906
Percent	0.9%	78.1%	13.7%	0.8%	4.0%	1.0%	0.2%	0.6%	0.4%	0.3%	0.0%	0.0%	0.1%	
AM Peak	07:00	07:00	06:00	07:00	06:00	10:00	11:00	09:00	11:00	08:00			08:00	07:00
Vol.	11	942	181	13	47	16	3	12	7	6			2	1175
PM Peak	15:00	17:00	16:00	14:00	18:00	16:00	15:00	16:00	12:00	15:00			19:00	17:00
Vol.	14	968	180	11	45	14	4	9	8	7			2	1219

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Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/11/17	0	77	6	0	2	3	0	0	0	0	0	0	0	88
01:00	0	55	5	0	1	1	0	2	0	0	0	0	0	64
02:00	0	44	3	0	3	1	0	0	0	0	0	0	0	51
03:00	0	48	8	1	0	1	0	0	0	2	0	0	0	60
04:00	3	98	23	4	3	6	0	0	3	6	0	0	0	146
05:00	3	373	116	2	17	7	1	1	2	2	0	0	0	524
06:00	8	707	185	3	37	12	1	4	4	3	0	0	0	964
07:00	8	920	147	8	36	9	2	3	5	3	0	0	0	1141
08:00	11	840	118	10	26	9	0	7	4	5	0	0	0	1030
09:00	6	609	106	10	31	8	1	6	4	0	0	0	0	781
10:00	6	526	99	8	42	7	1	3	4	5	0	0	0	701
11:00	3	496	81	4	26	4	2	7	9	2	0	0	2	636
12 PM	4	546	103	4	38	8	0	6	7	2	0	0	2	720
13:00	6	487	111	6	33	5	0	3	1	2	0	0	0	654
14:00	7	597	121	8	36	5	0	5	2	3	0	0	0	784
15:00	9	806	132	5	31	10	1	3	4	4	0	0	0	1005
16:00	12	916	164	6	45	15	1	2	1	3	0	0	1	1166
17:00	11	1007	169	1	32	9	2	4	1	0	0	0	2	1238
18:00	12	804	128	6	27	4	3	3	2	1	0	0	0	990
19:00	3	509	97	1	25	5	0	1	2	3	0	0	0	646
20:00	1	368	48	0	12	2	0	1	0	0	0	0	0	432
21:00	2	269	44	0	5	1	0	1	0	0	0	0	0	322
22:00	1	221	25	0	4	1	1	0	2	1	0	0	0	256
23:00	1	183	20	0	10	0	0	0	0	0	0	0	0	214
Day Total	117	11506	2059	87	522	133	16	62	57	47	0	0	7	14613
Percent	0.8%	78.7%	14.1%	0.6%	3.6%	0.9%	0.1%	0.4%	0.4%	0.3%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	06:00	08:00	10:00	06:00	07:00	08:00	11:00	04:00			11:00	07:00
Vol.	11	920	185	10	42	12	2	7	9	6			2	1141
PM Peak	16:00	17:00	17:00	14:00	16:00	16:00	18:00	12:00	12:00	15:00			12:00	17:00
Vol.	12	1007	169	8	45	15	3	6	7	4			2	1238

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
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Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/12/17	0	96	8	0	2	0	0	0	0	1	0	0	0	107
01:00	0	50	6	1	1	0	0	0	0	1	0	0	0	59
02:00	0	50	3	0	1	1	0	0	0	0	0	0	0	55
03:00	0	35	6	3	0	2	0	0	2	1	0	0	0	49
04:00	0	118	21	2	4	3	0	3	3	5	0	0	0	159
05:00	3	403	113	4	25	8	0	6	7	5	0	0	0	574
06:00	3	734	194	4	46	9	0	5	7	1	0	0	0	1003
07:00	5	910	144	6	37	8	0	6	2	3	0	0	1	1122
08:00	13	841	117	10	36	8	0	4	8	2	0	0	0	1039
09:00	4	667	101	8	33	11	2	4	6	3	0	0	1	840
10:00	2	519	73	6	29	11	0	5	5	5	0	0	0	655
11:00	9	487	83	7	32	6	1	5	9	1	0	0	1	641
12 PM	4	495	90	5	33	8	0	7	2	4	0	0	1	649
13:00	9	500	93	8	34	13	1	4	4	2	0	0	1	669
14:00	6	638	102	13	29	10	1	5	5	1	0	0	0	810
15:00	16	834	132	6	39	14	3	7	2	1	0	0	3	1057
16:00	9	957	196	2	42	15	5	10	4	4	0	0	2	1246
17:00	18	1054	182	5	44	14	4	9	5	5	0	0	3	1343
18:00	11	897	155	4	31	12	2	6	2	0	0	0	0	1120
19:00	8	598	95	1	18	4	1	0	2	1	0	0	0	728
20:00	1	416	66	0	14	1	0	1	1	1	0	0	0	501
21:00	0	302	41	0	9	1	0	2	0	1	0	0	0	356
22:00	0	221	30	0	3	0	0	2	0	0	0	0	0	256
23:00	0	150	25	0	5	0	0	0	0	0	0	0	0	180
Day Total	121	11972	2076	95	547	159	20	91	76	48	0	0	13	15218
Percent	0.8%	78.7%	13.6%	0.6%	3.6%	1.0%	0.1%	0.6%	0.5%	0.3%	0.0%	0.0%	0.1%	
AM Peak	08:00	07:00	06:00	08:00	06:00	09:00	09:00	05:00	11:00	04:00			07:00	07:00
Vol.	13	910	194	10	46	11	2	6	9	5			1	1122
PM Peak	17:00	17:00	16:00	14:00	17:00	16:00	16:00	16:00	14:00	17:00			15:00	17:00
Vol.	18	1054	196	13	44	15	5	10	5	5			3	1343

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 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/13/17	0	93	13	0	1	0	0	1	0	0	0	0	0	108
01:00	0	57	7	0	2	1	0	0	1	1	0	0	0	69
02:00	0	49	5	0	1	0	0	0	3	3	0	0	0	61
03:00	1	40	6	1	1	0	0	1	1	<b>5</b>	0	0	0	56
04:00	1	106	17	4	6	2	0	2	5	3	0	0	0	146
05:00	3	388	119	3	23	7	0	5	5	2	0	0	0	555
06:00	<b>10</b>	635	<b>153</b>	9	<b>44</b>	13	2	4	3	2	0	<b>1</b>	0	876
07:00	9	<b>873</b>	151	8	44	8	0	<b>9</b>	3	1	0	0	<b>1</b>	<b>1107</b>
08:00	8	841	118	<b>10</b>	36	7	<b>4</b>	8	4	4	0	0	0	1040
09:00	8	639	93	9	23	<b>14</b>	3	4	6	4	0	0	0	803
10:00	2	481	90	8	36	9	2	7	<b>7</b>	5	<b>1</b>	0	1	649
11:00	6	467	98	6	42	13	2	3	4	3	0	0	1	645
12 PM	5	533	111	9	46	8	0	5	6	5	0	0	0	728
13:00	7	589	126	11	31	9	<b>3</b>	<b>10</b>	3	5	0	0	0	794
14:00	6	646	115	<b>15</b>	33	12	3	9	<b>11</b>	4	0	0	<b>2</b>	856
15:00	9	859	145	12	42	<b>18</b>	2	2	10	5	0	0	0	1104
16:00	15	<b>990</b>	156	9	<b>49</b>	12	0	7	8	<b>7</b>	<b>2</b>	0	1	<b>1256</b>
17:00	<b>19</b>	970	<b>166</b>	11	39	6	1	1	6	3	0	0	1	1223
18:00	2	855	145	3	40	8	2	2	4	2	0	0	1	1064
19:00	4	556	90	2	35	6	0	2	2	0	1	0	1	699
20:00	2	417	55	0	15	5	0	1	0	1	0	0	0	496
21:00	2	294	48	0	8	1	0	0	0	0	0	0	0	353
22:00	1	274	53	0	9	2	1	0	0	0	0	0	0	340
23:00	0	226	27	0	5	0	0	0	1	0	0	0	0	259
Day Total	120	11878	2107	130	611	161	25	83	93	65	4	1	9	15287
Percent	0.8%	77.7%	13.8%	0.9%	4.0%	1.1%	0.2%	0.5%	0.6%	0.4%	0.0%	0.0%	0.1%	
AM Peak	06:00	07:00	06:00	08:00	06:00	09:00	08:00	07:00	10:00	03:00	10:00	06:00	07:00	07:00
Vol.	10	873	153	10	44	14	4	9	7	5	1	1	1	1107
PM Peak	17:00	16:00	17:00	14:00	16:00	15:00	13:00	13:00	14:00	16:00	16:00		14:00	16:00
Vol.	19	990	166	15	49	18	3	10	11	7	2		2	1256

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 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/14/17	0	179	25	0	2	1	0	0	2	0	0	0	0	209
01:00	1	95	11	0	1	2	0	0	0	0	0	0	0	110
02:00	2	54	10	0	5	1	0	0	0	1	0	0	0	73
03:00	0	26	2	0	2	1	0	0	<b>3</b>	0	0	0	0	34
04:00	0	54	8	0	0	1	0	0	2	0	0	0	0	65
05:00	3	117	36	1	8	1	0	1	1	<b>3</b>	0	0	0	171
06:00	2	167	47	2	14	2	0	2	2	2	0	0	0	240
07:00	8	265	47	2	20	1	0	1	1	0	0	0	0	345
08:00	6	441	80	2	18	3	0	4	1	1	0	0	<b>1</b>	557
09:00	6	508	80	2	26	3	0	4	1	1	0	0	0	631
10:00	9	599	<b>99</b>	3	23	3	0	4	3	1	0	0	1	745
11:00	<b>10</b>	<b>661</b>	89	<b>4</b>	<b>35</b>	<b>4</b>	0	<b>5</b>	1	0	0	0	0	<b>809</b>
12 PM	7	680	<b>117</b>	4	26	<b>5</b>	<b>2</b>	3	<b>2</b>	0	0	0	0	846
13:00	8	708	111	0	<b>30</b>	2	1	2	2	0	0	0	0	<b>864</b>
14:00	<b>14</b>	700	90	2	23	1	1	<b>5</b>	2	<b>1</b>	0	0	0	839
15:00	9	<b>729</b>	83	<b>5</b>	20	3	0	1	0	1	0	0	0	851
16:00	7	661	98	0	11	3	0	3	2	0	0	0	0	785
17:00	7	629	97	1	20	1	1	1	0	0	0	0	0	757
18:00	7	569	68	2	18	3	0	0	1	0	0	0	0	668
19:00	6	373	55	0	8	3	0	0	2	0	0	0	<b>1</b>	448
20:00	1	314	37	0	8	1	1	0	0	0	0	0	0	362
21:00	3	214	41	0	5	0	0	0	1	1	0	0	0	265
22:00	2	217	24	0	6	0	0	0	0	0	0	0	0	249
23:00	1	221	26	0	6	1	0	0	0	0	0	0	0	255
Day Total	119	9181	1381	30	335	46	6	36	29	12	0	0	3	11178
Percent	1.1%	82.1%	12.4%	0.3%	3.0%	0.4%	0.1%	0.3%	0.3%	0.1%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	10:00	11:00	11:00	11:00		11:00	03:00	05:00			08:00	11:00
Vol.	10	661	99	4	35	4		5	3	3			1	809
PM Peak	14:00	15:00	12:00	15:00	13:00	12:00	12:00	14:00	12:00	14:00			19:00	13:00
Vol.	14	729	117	5	30	5	2	5	2	1			1	864

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 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/15/17	1	174	17	0	0	0	0	0	0	0	0	0	0	192
01:00	1	124	6	0	1	0	0	0	0	0	0	0	0	132
02:00	1	63	9	0	3	0	0	0	0	0	0	0	0	76
03:00	1	41	5	0	0	1	0	0	0	0	0	0	0	48
04:00	0	30	6	0	0	0	0	0	0	0	0	0	0	36
05:00	2	59	10	0	1	0	0	0	0	0	0	0	0	72
06:00	9	98	20	0	4	0	0	0	1	0	0	0	0	132
07:00	0	124	19	0	10	0	0	0	0	0	0	0	0	153
08:00	0	206	33	0	12	0	0	1	0	1	0	0	0	253
09:00	2	359	58	0	8	2	0	3	0	0	0	0	1	433
10:00	4	467	69	0	10	0	0	2	1	1	0	0	0	554
11:00	12	571	78	0	12	0	0	4	2	0	0	0	0	679
12 PM	3	598	89	0	16	1	0	1	0	0	0	0	0	708
13:00	8	626	97	0	21	4	0	3	0	0	0	0	0	759
14:00	5	599	100	2	21	2	0	2	1	0	0	0	0	732
15:00	6	581	102	1	23	0	0	3	2	0	0	0	0	718
16:00	4	589	83	3	22	2	0	2	0	0	0	0	0	705
17:00	8	570	79	1	17	0	0	0	0	1	0	0	0	676
18:00	1	451	83	0	14	1	0	2	0	0	0	0	0	552
19:00	2	385	77	1	18	1	0	0	1	0	0	0	0	485
20:00	1	330	60	1	8	1	0	2	0	0	0	0	1	404
21:00	2	261	35	1	3	2	0	2	1	0	0	0	0	307
22:00	1	183	33	1	4	0	0	0	0	0	0	0	0	222
23:00	1	99	9	1	5	0	0	0	2	0	0	0	0	117
Day Total	75	7588	1177	12	233	17	0	27	11	3	0	0	2	9145
Percent	0.8%	83.0%	12.9%	0.1%	2.5%	0.2%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00		08:00	09:00		11:00	11:00	08:00			09:00	11:00
Vol.	12	571	78		12	2		4	2	1			1	679
PM Peak	13:00	13:00	15:00	16:00	15:00	13:00		13:00	15:00	17:00			20:00	13:00
Vol.	8	626	102	3	23	4		3	2	1			1	759

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 Date Start: 07-Oct-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/16/17	1	77	11	0	1	1	0	0	2	0	0	0	0	93
01:00	0	34	1	0	1	0	0	0	0	0	0	0	0	36
02:00	0	21	2	0	0	0	0	1	1	0	0	0	0	25
03:00	0	26	5	0	1	0	0	0	2	3	0	0	0	37
04:00	2	92	21	2	8	5	0	1	7	7	0	0	1	146
05:00	11	360	138	1	19	5	0	7	7	2	0	0	0	550
06:00	<b>15</b>	658	<b>180</b>	10	<b>41</b>	<b>12</b>	0	5	2	4	0	0	0	927
07:00	11	<b>898</b>	164	7	39	9	1	10	<b>10</b>	5	0	0	<b>2</b>	<b>1156</b>
08:00	9	836	123	11	39	9	1	3	7	3	0	0	1	1042
09:00	10	555	97	<b>12</b>	35	8	<b>2</b>	9	8	4	0	0	0	740
10:00	11	421	90	12	37	10	1	<b>13</b>	8	2	0	0	1	606
11:00	7	494	72	2	23	2	0	5	2	2	0	0	0	609
12 PM	5	526	82	3	14	<b>7</b>	0	3	<b>3</b>	2	0	0	0	645
13:00	4	568	90	1	20	6	0	1	2	2	0	0	0	694
14:00	6	713	93	<b>6</b>	24	2	0	2	3	0	0	0	0	849
15:00	<b>15</b>	929	133	5	26	4	<b>1</b>	1	0	1	0	0	0	1115
16:00	5	1014	156	5	31	5	0	3	3	<b>5</b>	0	<b>1</b>	0	1228
17:00	6	<b>1043</b>	<b>162</b>	3	<b>38</b>	7	0	3	3	4	0	1	0	<b>1270</b>
18:00	12	822	136	5	32	3	0	<b>4</b>	3	1	0	0	<b>1</b>	1019
19:00	8	569	90	2	20	2	0	2	0	0	0	0	0	693
20:00	2	401	66	1	13	2	0	2	1	0	0	0	0	488
21:00	0	311	51	2	9	2	0	1	1	0	0	0	0	377
22:00	3	243	32	0	8	0	0	1	0	1	0	0	0	288
23:00	0	173	25	1	6	1	0	0	2	0	0	0	0	208
Day Total	143	11784	2020	91	485	102	6	77	77	48	0	2	6	14841
Percent	1.0%	79.4%	13.6%	0.6%	3.3%	0.7%	0.0%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	06:00	09:00	06:00	06:00	09:00	10:00	07:00	04:00			07:00	07:00
Vol.	15	898	180	12	41	12	2	13	10	7			2	1156
PM Peak	15:00	17:00	17:00	14:00	17:00	12:00	15:00	18:00	12:00	16:00		16:00	18:00	17:00
Vol.	15	1043	162	6	38	7	1	4	3	5		1	1	1270

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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/17/17	1	78	12	1	2	1	0	1	1	4	0	0	0	101
01:00	0	41	6	0	1	0	0	0	1	2	0	0	0	51
02:00	0	34	6	0	0	0	0	0	2	1	0	0	0	43
03:00	1	29	7	0	2	0	0	0	0	0	0	0	0	39
04:00	1	110	22	1	3	1	0	1	2	0	0	0	0	141
05:00	4	422	81	4	19	4	0	3	2	2	0	0	0	541
06:00	<b>12</b>	760	<b>136</b>	7	23	<b>15</b>	0	3	5	3	0	0	0	964
07:00	6	<b>946</b>	120	<b>8</b>	<b>33</b>	7	<b>2</b>	<b>8</b>	4	4	0	0	0	<b>1138</b>
08:00	8	898	116	8	27	9	2	6	<b>6</b>	3	0	0	0	1083
09:00	5	622	83	5	26	4	1	5	3	<b>5</b>	0	0	0	759
10:00	4	523	78	5	32	4	1	5	3	3	0	0	<b>1</b>	659
11:00	2	495	78	6	26	8	0	5	5	1	0	0	0	626
12 PM	6	505	85	<b>10</b>	34	8	<b>2</b>	4	4	1	0	0	<b>1</b>	660
13:00	5	517	81	6	34	4	1	4	3	<b>3</b>	0	0	0	658
14:00	5	673	108	5	36	9	0	4	1	2	0	0	1	844
15:00	9	822	142	7	<b>46</b>	<b>12</b>	1	5	2	2	0	0	1	1049
16:00	<b>12</b>	994	<b>173</b>	7	42	8	1	<b>7</b>	5	2	<b>1</b>	0	1	1253
17:00	11	<b>1049</b>	167	4	37	10	0	6	3	3	0	0	0	<b>1290</b>
18:00	10	828	131	3	40	8	1	4	<b>6</b>	0	0	0	0	1031
19:00	5	551	85	2	17	4	0	2	3	1	0	0	0	670
20:00	2	404	54	2	19	2	0	1	4	3	0	0	1	492
21:00	1	290	38	1	14	1	0	2	2	1	0	0	0	350
22:00	1	249	34	0	7	1	0	1	1	0	0	0	0	294
23:00	1	160	25	0	6	0	0	0	1	1	0	0	0	194
Day Total	112	12000	1868	92	526	120	12	77	69	47	1	0	6	14930
Percent	0.8%	80.4%	12.5%	0.6%	3.5%	0.8%	0.1%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	06:00	07:00	07:00	06:00	07:00	07:00	08:00	09:00			10:00	07:00
Vol.	12	946	136	8	33	15	2	8	6	5			1	1138
PM Peak	16:00	17:00	16:00	12:00	15:00	15:00	12:00	16:00	18:00	13:00	16:00		12:00	17:00
Vol.	12	1049	173	10	46	12	2	7	6	3	1		1	1290

Ontario Traffic, Inc.  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/18/17	0	86	7	0	0	1	0	0	0	0	0	0	0	94
01:00	0	59	4	0	1	1	0	0	0	0	0	0	0	65
02:00	0	39	5	0	1	0	0	1	0	0	0	0	0	46
03:00	1	48	4	0	1	0	0	1	0	0	0	0	0	55
04:00	0	137	22	1	6	1	0	0	0	1	0	0	0	168
05:00	5	429	118	3	20	3	0	0	0	6	0	0	0	584
06:00	3	790	145	5	24	9	0	2	3	2	0	0	0	983
07:00	5	<b>888</b>	129	2	<b>80</b>	<b>13</b>	0	3	<b>4</b>	3	0	0	0	<b>1127</b>
08:00	5	800	<b>156</b>	<b>8</b>	37	9	0	1	4	3	0	0	0	1023
09:00	7	679	118	3	32	2	0	<b>5</b>	4	2	0	0	0	852
10:00	5	539	76	3	19	2	0	3	3	0	0	0	0	650
11:00	<b>8</b>	518	101	1	20	2	0	4	2	2	0	0	0	658
12 PM	4	546	87	0	26	3	<b>1</b>	3	<b>4</b>	1	0	0	0	675
13:00	3	527	105	<b>3</b>	22	3	0	1	1	0	0	0	0	665
14:00	1	630	124	3	30	3	0	3	1	<b>3</b>	0	0	0	798
15:00	5	837	138	2	33	5	0	4	0	2	0	0	0	1026
16:00	2	<b>1069</b>	<b>178</b>	3	<b>43</b>	5	0	<b>6</b>	0	2	0	0	0	<b>1308</b>
17:00	8	1063	168	0	34	<b>6</b>	0	2	0	2	0	0	0	1283
18:00	<b>10</b>	900	137	1	24	5	0	4	0	1	0	0	0	1082
19:00	3	605	72	0	19	3	0	2	0	0	0	0	0	704
20:00	1	434	62	0	10	0	0	1	0	0	0	0	0	508
21:00	1	293	40	0	5	1	0	0	1	0	0	0	0	341
22:00	1	231	34	0	5	0	0	0	0	0	0	0	0	271
23:00	0	158	21	0	3	0	0	0	0	0	0	0	0	182
Day Total	78	12305	2051	38	495	77	1	46	27	30	0	0	0	15148
Percent	0.5%	81.2%	13.5%	0.3%	3.3%	0.5%	0.0%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	
AM Peak	11:00	07:00	08:00	08:00	07:00	07:00		09:00	07:00	05:00				07:00
Vol.	8	888	156	8	80	13		5	4	6				1127
PM Peak	18:00	16:00	16:00	13:00	16:00	17:00	12:00	16:00	12:00	14:00				16:00
Vol.	10	1069	178	3	43	6	1	6	4	3				1308

Ontario Traffic, Inc.  
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Site Code: 2  
Station ID: T31  
Albion Vaughan Rd between Queensgate  
Blvd & Dovaston Gate  
Date Start: 07-Oct-17  
Date End: 20-Oct-17  
Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/19/17	0	94	12	2	3	0	0	0	0	0	0	0	0	111
01:00	0	47	5	0	1	1	0	0	0	0	0	0	0	54
02:00	0	41	6	1	0	0	0	0	0	0	0	0	0	48
03:00	1	42	5	1	0	1	0	1	1	1	0	0	0	53
04:00	1	130	26	1	7	2	0	0	0	1	0	0	0	168
05:00	1	447	90	4	20	2	0	0	0	4	0	0	0	568
06:00	3	760	192	4	24	4	0	0	1	0	0	0	0	988
07:00	6	891	167	4	49	6	0	1	3	1	0	0	0	1128
08:00	11	860	112	6	29	6	0	2	3	1	0	0	0	1030
09:00	10	697	90	6	23	3	0	2	3	0	0	0	0	834
10:00	6	543	84	5	18	4	0	1	3	1	0	0	0	665
11:00	2	530	84	3	13	4	0	5	1	2	0	0	0	644
12 PM	6	591	92	4	22	4	0	4	1	2	0	0	0	726
13:00	3	554	70	4	39	2	0	4	0	2	0	0	0	678
14:00	4	674	88	3	48	3	0	5	1	2	0	0	0	828
15:00	6	803	133	3	27	5	1	3	2	1	0	0	0	984
16:00	5	1009	161	5	42	7	1	6	4	0	0	0	0	1240
17:00	10	1057	156	0	35	5	0	4	0	1	0	0	0	1268
18:00	5	938	131	0	28	4	1	3	1	0	0	0	0	1111
19:00	2	638	82	0	16	4	0	2	0	0	0	0	0	744
20:00	3	408	51	0	6	0	0	2	1	0	0	0	0	471
21:00	1	300	51	0	9	0	0	1	0	0	0	0	0	362
22:00	3	233	31	0	4	0	0	1	0	0	0	0	0	272
23:00	2	160	17	0	3	0	0	1	1	0	0	0	0	184
Day Total	91	12447	1936	56	466	67	3	48	26	19	0	0	0	15159
Percent	0.6%	82.1%	12.8%	0.4%	3.1%	0.4%	0.0%	0.3%	0.2%	0.1%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	06:00	08:00	07:00	07:00		11:00	07:00	05:00				07:00
Vol.	11	891	192	6	49	6		5	3	4				1128
PM Peak	17:00	17:00	16:00	16:00	14:00	16:00	15:00	16:00	16:00	12:00				17:00
Vol.	10	1057	161	5	48	7	1	6	4	2				1268

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Site Code: 2  
 Station ID: T31  
 Albion Vaughan Rd between Queensgate  
 Blvd & Dovaston Gate  
 Date Start: 07-Oct-17  
 Date End: 20-Oct-17  
 Date Start: 07-Oct-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/20/17	0	99	10	0	1	0	0	1	0	1	0	0	0	112
01:00	0	55	7	0	2	0	0	0	2	1	0	0	0	67
02:00	0	46	4	0	0	0	0	0	1	0	0	0	1	52
03:00	0	32	5	1	2	0	0	1	1	1	0	0	0	43
04:00	1	130	14	0	3	0	0	0	2	2	0	0	0	152
05:00	6	423	86	1	19	2	0	2	1	1	0	0	0	541
06:00	5	726	123	3	32	4	0	4	2	1	0	0	0	900
07:00	8	<b>878</b>	<b>168</b>	3	32	<b>8</b>	0	2	4	<b>3</b>	0	0	0	<b>1106</b>
08:00	<b>11</b>	863	144	<b>5</b>	28	8	0	2	<b>5</b>	1	0	0	0	1067
09:00	8	689	112	5	27	6	0	<b>6</b>	3	1	0	0	0	857
10:00	7	513	94	3	<b>33</b>	5	0	5	2	1	0	0	0	663
11:00	4	505	81	4	13	7	0	2	3	1	0	0	0	620
12 PM	4	591	88	4	17	3	0	2	5	0	0	0	0	714
13:00	4	649	91	<b>6</b>	34	2	0	4	3	1	0	0	0	794
14:00	8	721	124	3	34	4	0	4	3	<b>4</b>	0	0	0	905
15:00	<b>12</b>	931	<b>177</b>	3	40	<b>7</b>	0	8	<b>6</b>	0	0	0	0	1184
16:00	6	1054	167	4	38	4	0	4	3	3	0	<b>1</b>	0	1284
17:00	9	<b>1058</b>	156	4	<b>53</b>	3	0	<b>9</b>	2	2	0	0	<b>1</b>	<b>1297</b>
18:00	5	863	155	5	45	6	0	4	1	1	0	0	0	1085
19:00	5	586	97	1	16	3	0	2	0	0	0	0	0	710
20:00	2	438	65	0	14	1	0	2	0	0	0	0	0	522
21:00	2	315	43	1	8	0	0	2	0	0	0	0	0	371
22:00	1	275	33	0	9	0	0	0	2	0	0	0	0	320
23:00	2	228	35	0	6	1	0	0	1	0	0	0	0	273
Day Total	110	12668	2079	56	506	74	0	66	52	25	0	1	2	15639
Percent	0.7%	81.0%	13.3%	0.4%	3.2%	0.5%	0.0%	0.4%	0.3%	0.2%	0.0%	0.0%	0.0%	
AM Peak Vol.	08:00 11	07:00 878	07:00 168	08:00 5	10:00 33	07:00 8		09:00 6	08:00 5	07:00 3			02:00 1	07:00 1106
PM Peak Vol.	15:00 12	17:00 1058	15:00 177	13:00 6	17:00 53	15:00 7		17:00 9	15:00 6	14:00 4		16:00 1	17:00 1	17:00 1297
Grand Total	1444	150255	24024	823	6037	1167	115	763	610	417	7	5	59	185726
Percent	0.8%	80.9%	12.9%	0.4%	3.3%	0.6%	0.1%	0.4%	0.3%	0.2%	0.0%	0.0%	0.0%	

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/19/17	1	60	14	0	0	0	0	0	0	0	0	0	0	75
01:00	0	31	1	0	0	0	0	0	1	0	0	0	0	33
02:00	1	16	7	0	0	0	0	0	1	2	1	0	0	28
03:00	1	13	2	0	0	1	0	0	4	3	0	0	0	24
04:00	0	14	4	0	0	3	0	0	7	9	2	0	1	40
05:00	0	49	13	2	1	8	0	1	8	9	12	0	9	112
06:00	1	58	33	1	2	11	0	4	12	4	23	0	5	154
07:00	0	91	43	0	2	5	1	10	5	4	21	2	9	193
08:00	3	100	48	0	6	7	1	10	11	3	31	0	12	232
09:00	3	128	50	1	7	3	0	8	7	1	19	0	6	233
10:00	0	127	42	1	2	5	0	7	3	5	15	1	3	211
11:00	5	131	50	0	5	7	1	9	7	11	7	0	2	235
12 PM	1	182	54	0	6	10	1	6	6	1	11	1	7	286
13:00	6	197	66	0	4	5	1	6	5	2	18	2	3	315
14:00	2	244	80	1	4	6	1	12	6	5	13	1	10	385
15:00	6	358	126	1	3	11	1	8	5	2	25	0	10	556
16:00	4	501	130	0	5	8	2	16	10	4	34	2	17	733
17:00	6	518	126	1	1	9	3	20	11	5	36	2	45	783
18:00	4	466	111	0	2	4	1	8	7	3	29	1	12	648
19:00	1	316	66	0	1	1	0	3	2	1	11	1	2	405
20:00	1	211	42	0	2	0	0	2	0	1	10	1	0	270
21:00	1	246	43	0	0	0	0	5	0	1	1	0	1	298
22:00	1	168	27	0	0	1	0	3	0	1	2	0	0	203
23:00	2	139	27	0	0	2	0	1	1	0	2	0	0	174
Day Total	50	4364	1205	8	53	107	13	139	119	77	323	14	154	6626
Percent	0.8%	65.9%	18.2%	0.1%	0.8%	1.6%	0.2%	2.1%	1.8%	1.2%	4.9%	0.2%	2.3%	
AM Peak	11:00	11:00	09:00	05:00	09:00	06:00	07:00	07:00	06:00	11:00	08:00	07:00	08:00	11:00
Vol.	5	131	50	2	7	11	1	10	12	11	31	2	12	235
PM Peak	13:00	17:00	16:00	14:00	12:00	15:00	17:00	17:00	17:00	14:00	17:00	13:00	17:00	17:00
Vol.	6	518	130	1	6	11	3	20	11	5	36	2	45	783

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/20/17	1	63	15	0	0	0	0	0	0	0	0	0	0	79
01:00	0	39	5	0	0	1	0	0	0	0	0	0	0	45
02:00	0	18	6	0	1	0	0	0	1	1	1	0	0	28
03:00	0	14	4	0	0	0	0	0	3	2	0	0	0	23
04:00	0	12	4	0	0	5	0	0	6	<b>9</b>	6	0	1	43
05:00	3	50	21	<b>1</b>	0	6	0	3	7	3	5	0	9	108
06:00	3	63	45	0	3	<b>11</b>	<b>1</b>	7	4	6	12	2	8	165
07:00	2	93	39	0	4	6	1	<b>10</b>	<b>8</b>	6	23	0	12	204
08:00	1	101	37	0	5	5	1	6	6	5	<b>28</b>	<b>3</b>	<b>17</b>	215
09:00	1	76	44	0	4	8	1	10	5	1	9	3	6	168
10:00	<b>5</b>	<b>150</b>	32	0	<b>6</b>	8	0	3	5	2	15	0	7	233
11:00	5	141	<b>54</b>	1	4	8	1	7	4	7	10	1	6	<b>249</b>
12 PM	1	207	48	0	7	<b>14</b>	0	8	4	5	11	<b>1</b>	3	309
13:00	1	224	49	0	<b>10</b>	4	0	3	8	7	6	1	4	317
14:00	5	227	82	0	9	4	<b>2</b>	4	2	4	19	1	5	364
15:00	3	395	113	0	5	7	0	9	5	7	29	1	8	582
16:00	3	502	<b>164</b>	<b>1</b>	3	13	1	8	7	8	34	0	8	752
17:00	5	<b>624</b>	129	0	2	5	2	12	<b>11</b>	<b>9</b>	<b>36</b>	1	<b>17</b>	<b>853</b>
18:00	<b>9</b>	419	106	0	1	4	1	<b>16</b>	6	0	28	0	11	601
19:00	3	318	58	0	0	2	0	6	1	1	19	0	1	409
20:00	5	272	49	0	0	0	0	5	2	0	5	0	3	341
21:00	3	228	43	0	0	1	2	2	0	0	7	0	1	287
22:00	0	185	31	0	0	0	0	2	0	0	2	0	0	220
23:00	3	144	25	0	0	0	0	0	0	0	0	0	1	173
Day Total	62	4565	1203	3	64	112	13	121	95	83	305	14	128	6768
Percent	0.9%	67.4%	17.8%	0.0%	0.9%	1.7%	0.2%	1.8%	1.4%	1.2%	4.5%	0.2%	1.9%	
AM Peak	10:00	10:00	11:00	05:00	10:00	06:00	06:00	07:00	07:00	04:00	08:00	08:00	08:00	11:00
Vol.	5	150	54	1	6	11	1	10	8	9	28	3	17	249
PM Peak	18:00	17:00	16:00	16:00	13:00	12:00	14:00	18:00	17:00	17:00	17:00	12:00	17:00	17:00
Vol.	9	624	164	1	10	14	2	16	11	9	36	1	17	853

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/21/17	0	54	20	0	0	0	0	1	0	0	0	0	0	75
01:00	1	35	1	0	0	1	0	0	0	0	0	0	1	39
02:00	0	16	6	0	0	0	0	0	1	0	0	0	0	23
03:00	2	16	3	0	0	3	0	0	2	4	2	0	2	34
04:00	0	14	7	0	0	3	0	1	3	9	0	0	1	38
05:00	0	58	13	1	1	5	0	3	3	8	10	0	8	110
06:00	1	60	30	2	2	8	2	6	6	4	14	2	6	143
07:00	1	78	43	1	1	9	0	9	3	2	18	0	11	176
08:00	5	101	43	1	4	5	2	16	10	3	16	2	7	215
09:00	4	102	54	1	10	8	1	8	7	4	23	0	12	234
10:00	4	125	49	1	4	9	1	7	5	2	7	0	6	220
11:00	6	146	63	1	4	10	0	7	2	3	11	1	5	259
12 PM	5	200	48	0	5	11	0	8	4	5	6	1	3	296
13:00	2	185	50	0	5	10	0	9	5	5	13	1	5	290
14:00	3	286	72	1	13	8	1	7	4	5	15	1	6	422
15:00	4	359	111	1	3	5	1	12	3	5	28	1	11	544
16:00	6	599	167	0	3	9	0	10	3	4	30	0	5	836
17:00	2	598	146	0	0	2	1	19	3	3	42	2	11	829
18:00	5	426	122	2	5	3	1	9	3	4	34	0	4	618
19:00	4	330	62	0	2	2	1	12	3	1	19	1	5	442
20:00	2	306	47	0	0	4	0	1	1	0	14	1	3	379
21:00	1	262	37	0	0	0	0	0	2	1	3	0	2	308
22:00	2	168	25	0	0	0	0	1	0	1	0	1	1	199
23:00	0	127	23	0	0	0	0	0	0	0	1	0	0	151
Day Total	60	4651	1242	12	62	115	11	146	73	73	306	14	115	6880
Percent	0.9%	67.6%	18.1%	0.2%	0.9%	1.7%	0.2%	2.1%	1.1%	1.1%	4.4%	0.2%	1.7%	
AM Peak	11:00	11:00	11:00	06:00	09:00	11:00	06:00	08:00	08:00	04:00	09:00	06:00	09:00	11:00
Vol.	6	146	63	2	10	10	2	16	10	9	23	2	12	259
PM Peak	16:00	16:00	16:00	18:00	14:00	12:00	14:00	17:00	13:00	12:00	17:00	17:00	15:00	16:00
Vol.	6	599	167	2	13	11	1	19	5	5	42	2	11	836

Ontario Traffic, Inc.  
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Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/22/17	2	79	13	0	0	0	0	0	0	0	1	0	0	95
01:00	1	33	3	0	0	0	0	0	1	0	0	0	0	38
02:00	0	18	6	0	0	0	0	0	0	0	0	0	1	25
03:00	1	15	4	0	0	2	0	0	0	3	2	0	1	28
04:00	1	16	3	0	0	3	0	1	4	<b>12</b>	0	0	1	41
05:00	2	51	17	1	2	<b>11</b>	0	3	7	9	3	0	11	117
06:00	5	79	31	<b>2</b>	3	7	0	10	6	0	15	1	10	169
07:00	2	84	46	0	3	6	1	8	5	8	<b>25</b>	0	7	195
08:00	<b>6</b>	72	39	0	2	6	0	<b>14</b>	7	3	21	<b>3</b>	7	180
09:00	3	103	46	1	5	7	1	6	4	6	12	1	<b>14</b>	209
10:00	2	127	59	0	<b>6</b>	4	1	7	2	5	11	0	7	231
11:00	4	<b>168</b>	<b>75</b>	2	5	6	<b>3</b>	10	<b>8</b>	5	13	1	6	<b>306</b>
12 PM	4	255	62	0	3	13	1	10	6	4	10	1	6	375
13:00	3	282	58	0	3	11	1	8	4	3	21	<b>3</b>	7	404
14:00	6	335	97	<b>1</b>	<b>10</b>	<b>18</b>	0	12	8	4	22	2	14	529
15:00	6	449	123	0	4	7	2	14	6	4	33	0	14	662
16:00	5	542	<b>130</b>	0	3	5	0	21	5	<b>11</b>	47	1	<b>23</b>	793
17:00	7	<b>574</b>	130	0	3	5	1	<b>22</b>	<b>14</b>	7	<b>63</b>	0	17	<b>843</b>
18:00	4	450	96	0	0	4	<b>3</b>	16	9	3	30	0	13	628
19:00	<b>8</b>	325	67	0	3	3	0	8	4	0	20	0	5	443
20:00	3	265	49	0	1	1	0	1	2	0	7	0	1	330
21:00	1	231	40	0	0	0	0	2	2	0	5	0	0	281
22:00	2	189	35	0	1	1	0	2	1	0	7	0	0	238
23:00	2	179	32	0	0	2	0	1	0	0	3	0	0	219
Day Total	80	4921	1261	7	57	122	14	176	105	87	371	13	165	7379
Percent	1.1%	66.7%	17.1%	0.1%	0.8%	1.7%	0.2%	2.4%	1.4%	1.2%	5.0%	0.2%	2.2%	
AM Peak	08:00	11:00	11:00	06:00	10:00	05:00	11:00	08:00	11:00	04:00	07:00	08:00	09:00	11:00
Vol.	6	168	75	2	6	11	3	14	8	12	25	3	14	306
PM Peak	19:00	17:00	16:00	14:00	14:00	14:00	18:00	17:00	17:00	16:00	17:00	13:00	16:00	17:00
Vol.	8	574	130	1	10	18	3	22	14	11	63	3	23	843

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
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Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/23/17	0	134	18	0	1	0	0	0	1	0	2	0	1	157
01:00	1	64	6	0	1	0	0	0	0	0	0	0	0	72
02:00	2	46	7	0	0	0	0	1	0	2	3	0	1	62
03:00	0	20	5	0	0	1	0	0	3	1	0	0	0	30
04:00	0	18	5	0	0	4	0	1	8	2	6	0	2	46
05:00	1	19	10	0	0	4	0	3	4	5	0	0	0	46
06:00	2	46	26	0	1	4	2	3	0	3	2	0	3	92
07:00	1	76	38	1	2	8	1	9	1	0	4	0	6	147
08:00	4	122	48	1	3	1	0	6	2	3	12	0	3	205
09:00	5	168	45	1	2	2	1	8	7	2	12	0	11	264
10:00	6	182	70	0	1	2	2	12	1	4	23	2	6	311
11:00	7	281	71	0	3	3	0	9	10	1	25	0	4	414
12 PM	4	288	67	0	4	2	1	9	3	1	32	0	7	418
13:00	4	333	66	0	3	4	0	7	4	2	23	0	4	450
14:00	5	282	58	0	2	3	0	5	3	3	8	0	3	372
15:00	4	284	60	0	4	2	1	13	8	0	23	1	5	405
16:00	0	307	66	0	1	2	0	5	7	0	16	1	4	409
17:00	4	255	59	0	4	2	1	4	4	0	22	0	2	357
18:00	2	244	42	0	0	2	1	7	5	1	12	0	3	319
19:00	3	217	43	0	0	1	0	2	2	0	10	0	2	280
20:00	2	184	45	0	1	0	0	1	0	0	11	0	2	246
21:00	2	178	34	0	0	0	0	0	0	0	8	0	1	223
22:00	0	161	21	0	1	0	0	0	1	0	3	0	2	189
23:00	3	173	15	0	1	0	0	0	1	0	6	0	0	199
Day Total	62	4082	925	3	35	47	10	105	75	30	263	4	72	5713
Percent	1.1%	71.5%	16.2%	0.1%	0.6%	0.8%	0.2%	1.8%	1.3%	0.5%	4.6%	0.1%	1.3%	
AM Peak	11:00	11:00	11:00	07:00	08:00	07:00	06:00	10:00	11:00	05:00	11:00	10:00	09:00	11:00
Vol.	7	281	71	1	3	8	2	12	10	5	25	2	11	414
PM Peak	14:00	13:00	12:00		12:00	13:00	12:00	15:00	15:00	14:00	12:00	15:00	12:00	13:00
Vol.	5	333	67		4	4	1	13	8	3	32	1	7	450

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/24/17	0	149	15	0	1	0	0	1	0	0	0	0	0	166
01:00	2	104	11	0	0	0	0	1	1	0	0	0	0	119
02:00	1	54	6	0	<b>2</b>	0	0	0	0	0	0	0	0	63
03:00	1	29	4	0	0	0	0	0	0	0	0	0	0	34
04:00	0	22	1	0	0	0	0	1	0	0	0	0	0	24
05:00	0	19	5	0	0	0	0	0	0	<b>1</b>	0	0	0	25
06:00	1	36	6	0	0	0	0	0	1	1	0	0	0	45
07:00	0	46	17	0	2	0	0	0	1	0	0	0	2	68
08:00	2	83	29	0	1	0	0	0	0	1	4	0	1	121
09:00	<b>9</b>	109	24	0	0	<b>1</b>	0	1	1	0	1	0	1	147
10:00	4	176	<b>43</b>	0	1	0	0	<b>5</b>	0	0	9	0	1	239
11:00	3	<b>229</b>	39	0	1	0	<b>1</b>	5	<b>2</b>	0	<b>13</b>	<b>1</b>	<b>7</b>	<b>301</b>
12 PM	4	<b>274</b>	46	0	1	<b>1</b>	0	4	1	<b>2</b>	<b>27</b>	1	2	<b>363</b>
13:00	<b>5</b>	242	45	0	1	0	<b>1</b>	2	2	0	20	1	0	319
14:00	4	266	<b>64</b>	0	0	0	0	6	2	1	14	0	1	358
15:00	5	264	46	0	<b>2</b>	0	1	6	<b>5</b>	1	27	0	1	358
16:00	5	201	40	0	0	0	0	<b>7</b>	0	0	10	<b>2</b>	<b>9</b>	274
17:00	2	272	40	0	0	0	0	6	3	2	18	0	3	346
18:00	3	246	37	0	1	0	0	5	0	0	11	0	2	305
19:00	5	241	41	0	0	0	0	4	5	0	17	0	0	313
20:00	3	202	26	0	0	0	0	3	4	0	11	0	1	250
21:00	2	153	27	0	1	0	0	0	3	0	6	0	0	192
22:00	2	125	13	0	0	1	0	1	0	0	3	0	0	145
23:00	1	73	13	0	0	0	0	0	0	0	1	0	1	89
Day Total	64	3615	638	0	14	3	3	58	31	9	192	5	32	4664
Percent	1.4%	77.5%	13.7%	0.0%	0.3%	0.1%	0.1%	1.2%	0.7%	0.2%	4.1%	0.1%	0.7%	
AM Peak	09:00	11:00	10:00		02:00	09:00	11:00	10:00	11:00	05:00	11:00	11:00	11:00	11:00
Vol.	9	229	43		2	1	1	5	2	1	13	1	7	301
PM Peak	13:00	12:00	14:00		15:00	12:00	13:00	16:00	15:00	12:00	12:00	16:00	16:00	12:00
Vol.	5	274	64		2	1	1	7	5	2	27	2	9	363

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Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/25/17	0	47	8	0	0	0	0	0	0	0	0	0	0	55
01:00	3	15	3	0	0	0	0	0	0	1	1	0	1	24
02:00	1	7	3	0	0	1	0	0	2	0	0	0	1	15
03:00	0	10	2	0	0	2	1	1	5	7	1	0	0	29
04:00	1	21	4	0	0	4	0	0	8	8	3	0	3	52
05:00	2	39	17	1	1	7	0	1	8	13	4	1	10	104
06:00	3	66	36	1	1	7	2	7	10	2	9	0	9	153
07:00	0	94	41	1	0	10	1	11	4	1	31	4	10	208
08:00	5	76	39	0	8	8	1	15	5	1	16	1	16	191
09:00	3	109	40	2	11	5	1	8	9	2	9	1	5	205
10:00	8	111	40	0	4	8	2	9	6	3	13	0	8	212
11:00	5	135	45	0	6	3	2	11	8	4	7	1	8	235
12 PM	3	181	53	0	4	9	0	11	4	6	6	2	8	287
13:00	4	200	59	0	2	9	0	14	4	4	12	2	5	315
14:00	5	256	86	2	1	10	0	7	2	5	15	0	8	397
15:00	9	410	131	1	2	8	1	12	4	2	38	0	9	627
16:00	5	527	145	2	6	13	0	21	8	6	42	0	15	790
17:00	10	573	118	0	1	4	0	12	15	6	34	2	6	781
18:00	6	405	81	0	1	3	1	5	3	1	21	2	12	541
19:00	7	317	79	0	1	1	0	9	2	3	14	1	4	438
20:00	2	231	50	0	0	1	1	4	1	0	8	0	2	300
21:00	2	226	39	0	0	0	1	1	3	0	4	0	0	276
22:00	3	150	21	0	1	1	0	0	1	0	0	0	0	177
23:00	2	109	23	0	1	1	0	0	3	0	1	0	0	140
Day Total	89	4315	1163	10	51	115	14	159	115	75	289	17	140	6552
Percent	1.4%	65.9%	17.8%	0.2%	0.8%	1.8%	0.2%	2.4%	1.8%	1.1%	4.4%	0.3%	2.1%	
AM Peak	10:00	11:00	11:00	09:00	09:00	07:00	06:00	08:00	06:00	05:00	07:00	07:00	08:00	11:00
Vol.	8	135	45	2	11	10	2	15	10	13	31	4	16	235
PM Peak	17:00	17:00	16:00	14:00	16:00	16:00	15:00	16:00	17:00	12:00	16:00	12:00	16:00	16:00
Vol.	10	573	145	2	6	13	1	21	15	6	42	2	15	790

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Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
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Date Start: 19-Sep-17  
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/26/17	1	48	12	0	0	0	0	0	1	0	1	0	0	63
01:00	1	34	2	0	0	0	0	0	0	1	0	0	0	38
02:00	0	19	4	0	0	0	0	0	0	0	0	0	0	23
03:00	0	9	1	0	0	1	0	0	4	5	2	0	1	23
04:00	0	18	4	0	0	1	0	0	5	11	2	0	4	45
05:00	3	51	16	1	3	14	0	0	13	10	4	0	10	125
06:00	2	83	47	0	1	12	0	7	8	6	13	2	10	191
07:00	5	92	41	1	3	5	1	16	13	4	24	0	15	220
08:00	3	130	58	0	6	6	0	19	8	7	27	0	15	279
09:00	3	107	38	1	6	5	2	10	9	2	20	2	13	218
10:00	3	116	45	0	4	9	0	10	5	8	12	3	10	225
11:00	1	139	47	0	7	11	1	11	5	5	11	2	6	246
12 PM	3	189	69	0	6	10	1	14	6	5	7	0	5	315
13:00	5	197	64	1	6	6	2	11	5	2	18	0	6	323
14:00	5	281	85	1	6	13	0	16	3	6	14	2	5	437
15:00	9	406	130	1	5	4	2	10	9	4	30	0	17	627
16:00	4	402	90	1	6	7	2	23	4	6	27	6	38	616
17:00	10	590	138	0	6	4	0	9	13	5	47	3	22	847
18:00	9	456	117	0	3	1	0	7	8	4	25	0	11	641
19:00	4	311	75	0	2	0	0	2	1	3	24	0	3	425
20:00	5	266	30	0	1	0	0	6	0	0	10	0	1	319
21:00	6	225	48	0	0	0	0	2	0	0	3	0	1	285
22:00	6	160	28	0	1	1	0	1	0	0	0	0	1	198
23:00	1	112	22	0	0	0	0	0	2	0	1	0	1	139
Day Total	89	4441	1211	7	72	110	11	174	122	94	322	20	195	6868
Percent	1.3%	64.7%	17.6%	0.1%	1.0%	1.6%	0.2%	2.5%	1.8%	1.4%	4.7%	0.3%	2.8%	
AM Peak	07:00	11:00	08:00	05:00	11:00	05:00	09:00	08:00	05:00	04:00	08:00	10:00	07:00	08:00
Vol.	5	139	58	1	7	14	2	19	13	11	27	3	15	279
PM Peak	17:00	17:00	17:00	13:00	12:00	14:00	13:00	16:00	17:00	14:00	17:00	16:00	16:00	17:00
Vol.	10	590	138	1	6	13	2	23	13	6	47	6	38	847

Ontario Traffic, Inc.  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/27/17	1	60	13	0	0	0	0	0	0	0	0	0	0	74
01:00	3	30	3	0	0	0	0	0	0	0	0	0	0	36
02:00	1	22	7	0	0	0	0	0	2	1	0	0	1	34
03:00	0	12	4	0	0	2	0	0	3	4	1	0	0	26
04:00	0	20	3	0	0	3	0	0	4	5	0	0	2	37
05:00	1	44	17	1	0	5	2	5	6	4	8	0	8	101
06:00	3	85	32	1	1	15	0	6	8	6	18	0	12	187
07:00	4	99	31	0	5	2	2	21	5	3	21	1	12	206
08:00	3	114	39	2	1	4	0	10	5	4	24	0	16	222
09:00	4	125	53	0	9	8	1	8	5	7	20	1	12	253
10:00	2	102	58	0	6	12	1	4	7	4	13	1	10	220
11:00	3	148	51	0	10	8	1	9	6	2	12	2	6	258
12 PM	8	187	53	1	7	8	1	11	4	2	10	1	6	299
13:00	9	181	46	0	5	8	1	7	7	4	20	0	11	299
14:00	4	229	79	1	5	7	1	16	11	2	13	3	6	377
15:00	9	392	122	0	1	4	1	12	4	1	32	1	11	590
16:00	12	535	167	0	11	7	1	9	10	3	32	6	12	805
17:00	8	615	144	0	6	4	0	5	7	3	22	0	8	822
18:00	7	521	132	0	3	3	0	13	10	1	28	1	5	724
19:00	10	346	64	0	2	1	2	4	4	2	15	0	6	456
20:00	3	284	41	0	0	1	0	0	1	0	5	0	3	338
21:00	2	214	42	0	0	0	0	5	0	0	6	0	1	270
22:00	5	185	32	0	1	0	1	2	0	0	2	0	0	228
23:00	4	110	23	0	0	1	0	0	0	0	2	0	0	140
Day Total	106	4660	1256	6	73	103	15	147	109	58	304	17	148	7002
Percent	1.5%	66.6%	17.9%	0.1%	1.0%	1.5%	0.2%	2.1%	1.6%	0.8%	4.3%	0.2%	2.1%	
AM Peak	07:00	11:00	10:00	08:00	11:00	06:00	05:00	07:00	06:00	09:00	08:00	11:00	08:00	11:00
Vol.	4	148	58	2	10	15	2	21	8	7	24	2	16	258
PM Peak	16:00	17:00	16:00	12:00	16:00	12:00	19:00	14:00	14:00	13:00	15:00	16:00	16:00	17:00
Vol.	12	615	167	1	11	8	2	16	11	4	32	6	12	822

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Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	5	59	9	0	0	0	0	0	1	0	0	0	0	74
01:00	1	35	6	0	0	0	0	0	0	0	0	0	1	43
02:00	2	14	1	0	0	1	0	0	2	0	0	0	2	22
03:00	0	9	1	0	0	1	0	0	0	1	2	0	3	17
04:00	0	17	4	0	1	4	0	2	4	7	5	0	4	48
05:00	2	49	17	1	3	6	0	2	2	6	2	0	6	96
06:00	4	57	33	1	2	16	2	4	4	5	18	2	6	154
07:00	2	75	35	1	4	7	0	9	3	3	17	3	11	170
08:00	5	107	35	0	3	4	0	11	7	8	21	0	16	217
09:00	3	87	39	1	3	3	4	10	9	5	11	1	15	191
10:00	4	124	49	1	9	8	0	6	9	6	10	1	7	234
11:00	1	139	45	0	8	5	1	5	3	2	12	3	9	233
12 PM	5	198	59	0	9	7	1	2	6	6	11	2	8	314
13:00	4	176	56	1	7	12	0	6	1	3	13	1	2	282
14:00	1	265	75	4	13	6	0	8	3	4	18	0	8	405
15:00	3	317	112	1	5	5	1	8	7	2	22	2	8	493
16:00	7	582	147	0	7	7	3	18	9	1	32	1	20	834
17:00	13	561	161	1	3	4	0	8	7	5	32	1	18	814
18:00	10	472	120	1	0	6	1	13	7	4	35	2	10	681
19:00	7	320	76	1	1	2	1	2	1	1	19	0	5	436
20:00	10	302	63	0	0	2	0	4	3	0	6	0	2	392
21:00	9	248	31	0	0	0	1	3	3	1	5	0	0	301
22:00	6	198	29	0	0	0	0	0	0	0	1	0	2	236
23:00	1	118	27	0	0	0	0	0	0	0	2	0	1	149
Day Total	105	4529	1230	14	78	106	15	121	91	70	294	19	164	6836
Percent	1.5%	66.3%	18.0%	0.2%	1.1%	1.6%	0.2%	1.8%	1.3%	1.0%	4.3%	0.3%	2.4%	
AM Peak	00:00	11:00	10:00	05:00	10:00	06:00	09:00	08:00	09:00	08:00	08:00	07:00	08:00	10:00
Vol.	5	139	49	1	9	16	4	11	9	8	21	3	16	234
PM Peak	17:00	16:00	17:00	14:00	14:00	13:00	16:00	16:00	16:00	12:00	18:00	12:00	16:00	16:00
Vol.	13	582	161	4	13	12	3	18	9	6	35	2	20	834

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 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
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09/29/17	5	83	20	0	0	0	0	1	2	1	0	0	0	112
01:00	3	23	3	0	0	2	0	0	0	0	1	0	0	32
02:00	2	23	7	0	0	0	0	0	0	2	1	0	0	35
03:00	2	23	3	0	0	1	0	0	2	1	0	0	1	33
04:00	3	19	4	0	0	7	0	0	5	7	2	0	7	54
05:00	5	46	10	0	2	9	1	2	4	5	4	1	9	98
06:00	5	57	34	0	3	7	1	2	6	3	13	3	15	149
07:00	4	85	44	3	2	6	1	9	5	3	17	1	6	186
08:00	3	101	47	0	4	4	0	9	5	6	18	1	8	206
09:00	10	93	44	0	3	7	1	6	8	2	14	0	15	203
10:00	5	154	55	1	2	8	0	4	1	2	13	2	5	252
11:00	6	148	78	1	4	9	0	6	3	4	19	0	11	289
12 PM	5	242	65	1	7	6	2	7	6	6	16	1	7	371
13:00	2	230	76	0	4	12	4	14	7	8	22	1	8	388
14:00	4	369	87	1	4	13	1	12	5	12	27	2	12	549
15:00	4	461	144	0	8	5	1	13	8	4	34	0	7	689
16:00	6	505	157	0	6	7	2	9	11	5	41	0	6	755
17:00	3	574	168	0	4	3	0	16	13	7	55	2	1	846
18:00	5	497	113	0	3	4	2	14	8	2	22	0	3	673
19:00	2	345	78	0	1	2	2	12	4	0	16	1	0	463
20:00	4	248	55	0	2	1	0	7	3	3	6	0	2	331
21:00	1	230	41	0	2	0	0	6	2	1	3	0	1	287
22:00	3	175	36	0	0	1	0	4	1	1	5	0	0	226
23:00	1	176	29	0	1	0	0	3	2	0	2	0	2	216
Day Total	93	4907	1398	7	62	114	18	156	111	85	351	15	126	7443
Percent	1.2%	65.9%	18.8%	0.1%	0.8%	1.5%	0.2%	2.1%	1.5%	1.1%	4.7%	0.2%	1.7%	
AM Peak	09:00	10:00	11:00	07:00	08:00	05:00	05:00	07:00	09:00	04:00	11:00	06:00	06:00	11:00
Vol.	10	154	78	3	4	9	1	9	8	7	19	3	15	289
PM Peak	16:00	17:00	17:00	12:00	15:00	14:00	13:00	17:00	17:00	14:00	17:00	14:00	14:00	17:00
Vol.	6	574	168	1	8	13	4	16	13	12	55	2	12	846

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09/30/17	0	145	13	0	0	0	1	4	0	0	1	0	2	166
01:00	0	74	8	0	1	1	0	2	0	0	0	0	1	87
02:00	1	42	8	0	0	0	0	1	0	1	2	0	1	56
03:00	0	19	5	0	1	0	0	0	1	0	4	0	0	30
04:00	1	20	6	0	0	0	0	0	2	1	1	0	0	31
05:00	0	17	16	0	0	1	0	1	4	2	3	0	1	45
06:00	1	50	21	1	3	5	0	2	1	0	5	0	0	89
07:00	2	62	33	0	2	2	1	7	8	2	13	0	1	133
08:00	2	103	45	3	4	1	0	8	6	1	16	2	5	196
09:00	3	114	76	0	6	3	2	6	1	0	22	1	4	238
10:00	7	183	82	0	5	5	0	11	5	3	29	0	6	336
11:00	5	287	76	1	5	1	2	7	3	2	34	2	4	429
12 PM	5	282	87	0	6	3	0	11	2	5	24	0	8	433
13:00	4	307	65	1	7	0	2	6	8	0	19	1	8	428
14:00	6	279	69	1	6	2	1	8	3	3	23	1	12	414
15:00	5	291	77	0	3	4	0	9	7	1	21	1	7	426
16:00	3	285	71	0	4	2	0	3	6	1	16	0	6	397
17:00	3	267	63	0	4	2	1	11	5	2	13	0	6	377
18:00	4	248	57	1	2	1	1	6	5	1	16	0	1	343
19:00	1	228	46	0	1	0	0	2	4	0	12	0	2	296
20:00	0	198	41	0	1	3	0	1	1	1	8	0	1	255
21:00	2	190	33	1	0	1	0	0	2	0	7	0	3	239
22:00	0	174	29	0	2	0	0	0	2	0	4	0	1	212
23:00	1	162	16	0	5	0	0	1	0	0	1	0	0	186
Day Total	56	4027	1043	9	68	37	11	107	76	26	294	8	80	5842
Percent	1.0%	68.9%	17.9%	0.2%	1.2%	0.6%	0.2%	1.8%	1.3%	0.4%	5.0%	0.1%	1.4%	
AM Peak	10:00	11:00	10:00	08:00	09:00	06:00	09:00	10:00	07:00	10:00	11:00	08:00	10:00	11:00
Vol.	7	287	82	3	6	5	2	11	8	3	34	2	6	429
PM Peak	14:00	13:00	12:00	13:00	13:00	15:00	13:00	12:00	13:00	12:00	12:00	13:00	14:00	12:00
Vol.	6	307	87	1	7	4	2	11	8	5	24	1	12	433

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 Station ID: D110/D9  
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 & CPR Crossing  
 Date Start: 19-Sep-17  
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Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	1	153	13	0	0	1	0	1	0	0	2	0	0	171
01:00	0	132	12	0	0	0	0	0	0	0	0	0	0	144
02:00	0	79	8	0	0	0	0	0	0	0	0	0	0	87
03:00	0	36	7	1	0	0	0	0	0	0	0	0	0	44
04:00	0	28	1	0	0	0	0	0	0	0	0	0	0	29
05:00	1	17	4	0	0	0	0	0	1	0	0	0	0	23
06:00	1	39	8	0	1	0	0	0	0	0	0	0	0	49
07:00	4	44	16	0	1	0	1	2	1	1	1	0	0	71
08:00	1	106	22	0	0	0	1	4	1	0	4	0	0	139
09:00	4	118	29	2	4	0	0	1	1	0	5	0	2	166
10:00	5	210	36	0	3	0	0	5	3	0	8	0	1	271
11:00	7	260	41	0	4	1	1	2	3	0	13	2	2	336
12 PM	4	290	44	0	1	1	1	7	2	1	16	0	4	371
13:00	5	260	57	0	0	0	0	5	2	1	14	2	0	346
14:00	5	214	63	1	1	0	0	5	4	1	22	0	6	322
15:00	2	262	65	0	0	1	1	8	1	2	19	1	1	363
16:00	6	226	59	0	3	0	0	4	2	0	14	1	1	316
17:00	4	222	52	0	2	0	0	6	3	1	12	3	3	308
18:00	2	231	45	0	2	0	0	3	4	0	9	0	0	296
19:00	5	215	33	0	1	0	0	4	2	0	13	1	2	276
20:00	3	215	26	1	1	0	0	1	0	0	5	0	0	252
21:00	4	199	16	0	0	0	0	1	1	1	0	0	1	223
22:00	2	148	13	0	0	0	0	0	0	0	0	0	0	163
23:00	2	69	8	0	0	0	0	0	0	0	0	0	0	79
Day Total	68	3773	678	5	24	4	5	59	31	8	157	10	23	4845
Percent	1.4%	77.9%	14.0%	0.1%	0.5%	0.1%	0.1%	1.2%	0.6%	0.2%	3.2%	0.2%	0.5%	
AM Peak	11:00	11:00	11:00	09:00	09:00	00:00	07:00	10:00	10:00	07:00	11:00	11:00	09:00	11:00
Vol.	7	260	41	2	4	1	1	5	3	1	13	2	2	336
PM Peak	16:00	12:00	15:00	14:00	16:00	12:00	12:00	15:00	14:00	15:00	14:00	17:00	14:00	12:00
Vol.	6	290	65	1	3	1	1	8	4	2	22	3	6	371

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10/02/17	1	53	7	0	0	0	0	1	0	0	1	0	1	64
01:00	0	26	6	0	0	0	0	0	0	0	1	0	0	33
02:00	0	11	5	0	0	0	0	0	0	0	0	0	0	16
03:00	1	21	2	0	1	0	0	0	2	0	1	0	0	28
04:00	1	51	8	0	0	0	0	0	0	0	4	2	1	67
05:00	2	95	16	0	1	0	2	1	1	1	5	2	7	133
06:00	2	124	33	1	4	0	1	2	6	0	8	0	5	186
07:00	5	120	41	0	5	1	1	8	4	1	13	1	13	213
08:00	7	113	46	0	5	2	1	7	4	3	9	1	11	209
09:00	6	121	49	1	7	2	1	13	7	4	12	2	8	233
10:00	4	118	55	0	4	0	0	11	2	5	13	0	7	219
11:00	2	173	43	0	2	1	0	9	5	2	8	0	10	255
12 PM	1	190	49	0	3	3	2	8	6	1	12	2	9	286
13:00	4	177	52	1	6	5	2	6	6	2	10	0	5	276
14:00	4	240	89	2	2	4	0	14	7	7	14	1	4	388
15:00	3	414	119	0	5	8	2	13	5	7	24	0	10	610
16:00	6	541	138	2	3	8	0	13	8	6	28	2	16	771
17:00	4	726	153	0	4	6	0	22	7	6	40	1	18	987
18:00	2	448	118	0	1	4	0	8	4	4	28	1	7	625
19:00	4	298	79	0	1	3	0	5	1	1	17	0	2	411
20:00	3	252	39	0	0	2	0	1	5	1	5	0	1	309
21:00	1	202	31	0	0	1	0	0	1	0	4	0	1	241
22:00	0	128	23	0	0	0	0	2	2	0	3	0	1	159
23:00	1	95	24	0	0	1	0	0	0	0	0	0	1	122
Day Total	64	4737	1225	7	54	51	12	144	83	51	260	15	138	6841
Percent	0.9%	69.2%	17.9%	0.1%	0.8%	0.7%	0.2%	2.1%	1.2%	0.7%	3.8%	0.2%	2.0%	
AM Peak	08:00	11:00	10:00	06:00	09:00	08:00	05:00	09:00	09:00	10:00	07:00	04:00	07:00	11:00
Vol.	7	173	55	1	7	2	2	13	7	5	13	2	13	255
PM Peak	16:00	17:00	17:00	14:00	13:00	15:00	12:00	17:00	16:00	14:00	17:00	12:00	17:00	17:00
Vol.	6	726	153	2	6	8	2	22	8	7	40	2	18	987
Grand Total	1048	61587	15678	98	767	1146	165	1812	1236	826	4031	185	1680	90259
Percent	1.2%	68.2%	17.4%	0.1%	0.8%	1.3%	0.2%	2.0%	1.4%	0.9%	4.5%	0.2%	1.9%	

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09/19/17	0	13	6	0	0	0	0	1	0	0	0	0	0	20
01:00	0	24	1	0	0	0	0	0	0	2	0	0	0	27
02:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17
03:00	0	16	5	0	0	0	0	0	0	0	0	0	0	21
04:00	0	85	20	0	0	1	0	0	1	1	0	0	0	108
05:00	2	261	115	0	0	2	0	6	1	0	2	0	4	393
06:00	2	499	<b>166</b>	<b>1</b>	2	5	0	13	2	4	12	1	<b>10</b>	717
07:00	2	<b>807</b>	145	0	<b>6</b>	<b>11</b>	1	<b>28</b>	2	6	11	2	7	<b>1028</b>
08:00	<b>4</b>	665	107	1	4	10	0	26	2	6	<b>14</b>	<b>7</b>	9	855
09:00	0	434	63	0	3	4	0	13	<b>4</b>	4	7	0	6	538
10:00	2	271	75	0	5	10	<b>2</b>	11	4	5	4	0	1	390
11:00	0	290	64	0	5	5	2	10	4	<b>9</b>	9	2	2	402
12 PM	1	248	53	0	5	7	0	10	10	<b>9</b>	10	0	2	355
13:00	1	259	54	0	6	5	1	10	4	6	8	0	0	354
14:00	2	213	41	0	7	3	<b>2</b>	12	3	9	6	<b>2</b>	2	302
15:00	3	<b>292</b>	<b>56</b>	0	<b>9</b>	7	0	18	<b>12</b>	8	12	0	9	<b>426</b>
16:00	2	213	49	<b>2</b>	3	<b>23</b>	0	<b>37</b>	4	5	<b>25</b>	2	<b>19</b>	384
17:00	0	181	35	0	2	10	1	21	4	5	13	2	10	284
18:00	3	255	43	1	3	7	0	13	5	1	7	2	5	345
19:00	<b>4</b>	196	51	0	4	4	0	6	3	2	8	0	1	279
20:00	1	169	26	0	1	0	0	4	1	1	2	0	0	205
21:00	0	108	14	0	1	1	0	3	0	0	3	0	1	131
22:00	0	62	6	0	0	1	0	0	0	0	1	0	0	70
23:00	0	26	5	0	0	0	0	1	1	0	0	0	0	33
Day Total	29	5600	1204	5	66	116	9	243	67	83	154	20	88	7684
Percent	0.4%	72.9%	15.7%	0.1%	0.9%	1.5%	0.1%	3.2%	0.9%	1.1%	2.0%	0.3%	1.1%	
AM Peak	08:00	07:00	06:00	06:00	07:00	07:00	10:00	07:00	09:00	11:00	08:00	08:00	06:00	07:00
Vol.	4	807	166	1	6	11	2	28	4	9	14	7	10	1028
PM Peak	19:00	15:00	15:00	16:00	15:00	16:00	14:00	16:00	15:00	12:00	16:00	14:00	16:00	15:00
Vol.	4	292	56	2	9	23	2	37	12	9	25	2	19	426

**Ontario Traffic, Inc.**  
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 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/20/17	0	22	3	0	0	0	0	1	2	0	0	0	0	28
01:00	0	23	2	0	0	0	0	0	0	1	0	0	0	26
02:00	0	16	1	0	1	0	0	0	0	1	0	0	0	19
03:00	0	17	5	0	0	1	0	0	0	0	0	0	0	23
04:00	0	86	21	0	0	1	0	0	2	0	0	0	0	110
05:00	1	283	122	0	1	3	0	3	2	5	4	0	2	426
06:00	<b>5</b>	<b>557</b>	<b>171</b>	0	3	7	0	11	3	1	3	1	4	766
07:00	3	<b>770</b>	165	0	5	4	0	<b>23</b>	2	6	7	<b>2</b>	<b>9</b>	<b>996</b>
08:00	2	684	103	0	4	7	0	23	5	7	8	0	7	850
09:00	3	455	79	0	2	<b>11</b>	0	11	<b>7</b>	<b>12</b>	<b>9</b>	1	3	593
10:00	2	292	54	0	<b>7</b>	7	0	13	4	4	8	0	4	395
11:00	3	275	64	<b>1</b>	4	9	0	7	2	2	4	0	2	373
12 PM	1	220	49	0	2	6	0	5	6	6	5	0	0	300
13:00	2	238	47	0	2	6	<b>1</b>	8	4	5	5	0	2	320
14:00	2	230	<b>64</b>	0	<b>7</b>	9	0	10	5	6	12	2	3	350
15:00	1	<b>248</b>	64	<b>1</b>	5	<b>17</b>	1	19	5	2	16	0	3	<b>382</b>
16:00	0	237	45	0	2	9	0	20	<b>9</b>	<b>9</b>	21	0	7	359
17:00	1	212	54	0	4	11	0	27	9	8	<b>34</b>	1	6	367
18:00	2	238	61	1	3	6	0	<b>28</b>	6	3	15	<b>3</b>	<b>13</b>	379
19:00	4	230	47	0	2	1	0	10	1	4	6	2	6	313
20:00	<b>6</b>	172	27	0	0	1	0	3	1	1	4	0	2	217
21:00	1	88	15	0	0	0	0	1	0	0	2	1	0	108
22:00	1	77	6	0	1	0	0	3	0	0	0	0	1	89
23:00	0	34	6	0	0	1	0	0	1	0	0	0	0	42
Day Total	40	5704	1275	3	55	117	2	226	76	83	163	13	74	7831
Percent	0.5%	72.8%	16.3%	0.0%	0.7%	1.5%	0.0%	2.9%	1.0%	1.1%	2.1%	0.2%	0.9%	
AM Peak	06:00	07:00	06:00	11:00	10:00	09:00		07:00	09:00	09:00	09:00	07:00	07:00	07:00
Vol.	5	770	171	1	7	11		23	7	12	9	2	9	996
PM Peak	20:00	15:00	14:00	15:00	14:00	15:00	13:00	18:00	16:00	16:00	17:00	18:00	18:00	15:00
Vol.	6	248	64	1	7	17	1	28	9	9	34	3	13	382

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Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/21/17	0	20	8	0	0	0	0	1	2	0	0	0	0	31
01:00	0	24	3	0	0	0	0	0	1	0	0	0	0	28
02:00	0	15	0	0	0	0	0	0	0	0	0	0	1	16
03:00	0	17	5	0	0	0	0	0	0	0	0	0	0	22
04:00	0	84	23	0	0	1	0	0	2	0	0	0	1	111
05:00	2	284	105	0	0	6	0	0	0	2	2	0	4	405
06:00	<b>3</b>	519	<b>154</b>	0	3	4	<b>1</b>	<b>18</b>	3	5	7	1	<b>15</b>	733
07:00	3	<b>777</b>	133	0	<b>8</b>	6	0	15	3	3	<b>18</b>	<b>2</b>	5	<b>973</b>
08:00	1	666	105	0	6	6	0	18	1	5	16	2	9	835
09:00	3	413	85	0	1	8	0	16	5	<b>7</b>	10	1	1	550
10:00	0	316	60	0	6	<b>9</b>	0	12	<b>8</b>	5	9	1	4	430
11:00	2	229	47	0	7	9	0	8	4	2	6	1	5	320
12 PM	2	243	47	0	6	<b>13</b>	<b>1</b>	10	2	3	8	1	2	338
13:00	2	224	53	0	7	13	0	7	5	8	9	0	0	328
14:00	2	229	<b>56</b>	0	4	4	0	12	5	1	10	3	2	328
15:00	<b>3</b>	257	47	<b>1</b>	<b>8</b>	8	1	24	1	<b>9</b>	19	<b>5</b>	<b>10</b>	393
16:00	2	227	50	0	2	4	0	24	2	3	15	2	3	334
17:00	1	260	45	0	4	12	0	<b>32</b>	<b>9</b>	6	18	2	10	399
18:00	3	284	55	0	7	5	1	22	3	3	<b>23</b>	4	7	<b>417</b>
19:00	3	<b>286</b>	45	1	3	4	0	15	2	1	14	0	3	377
20:00	0	135	32	0	1	1	0	5	0	2	3	1	2	182
21:00	0	95	15	0	0	0	0	4	1	1	4	0	1	121
22:00	0	75	12	0	0	0	0	0	1	0	1	0	0	89
23:00	0	38	2	0	0	0	0	0	1	0	0	0	0	41
Day Total	32	5717	1187	2	73	113	4	243	61	66	192	26	85	7801
Percent	0.4%	73.3%	15.2%	0.0%	0.9%	1.4%	0.1%	3.1%	0.8%	0.8%	2.5%	0.3%	1.1%	
AM Peak	06:00	07:00	06:00		07:00	10:00	06:00	06:00	10:00	09:00	07:00	07:00	06:00	07:00
Vol.	3	777	154		8	9	1	18	8	7	18	2	15	973
PM Peak	15:00	19:00	14:00	15:00	15:00	12:00	12:00	17:00	17:00	15:00	18:00	15:00	15:00	18:00
Vol.	3	286	56	1	8	13	1	32	9	9	23	5	10	417

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
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## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/22/17	2	22	4	0	0	1	0	1	1	0	0	0	1	32
01:00	0	24	2	0	0	0	0	0	2	1	1	0	0	30
02:00	0	13	4	0	1	0	0	0	0	0	0	0	0	18
03:00	0	13	5	0	0	0	0	0	0	0	0	0	0	18
04:00	0	68	18	0	0	0	0	0	0	1	0	0	0	87
05:00	5	270	108	0	0	3	0	3	1	1	3	0	2	396
06:00	6	513	<b>158</b>	0	6	6	<b>1</b>	9	3	1	9	2	8	722
07:00	3	<b>715</b>	134	0	5	4	0	<b>27</b>	3	1	<b>14</b>	<b>5</b>	<b>10</b>	<b>921</b>
08:00	<b>7</b>	588	81	0	4	12	1	19	3	<b>9</b>	12	1	9	746
09:00	3	431	67	0	3	9	1	11	5	5	9	1	4	549
10:00	2	352	69	0	1	6	0	8	<b>7</b>	4	7	1	4	461
11:00	2	270	47	0	<b>8</b>	<b>17</b>	0	10	3	2	5	0	1	365
12 PM	1	280	53	<b>1</b>	4	13	0	9	5	<b>13</b>	4	1	2	386
13:00	3	225	<b>55</b>	1	6	13	<b>1</b>	13	5	5	10	0	9	346
14:00	3	230	50	0	<b>8</b>	7	0	13	5	2	10	1	2	331
15:00	2	291	50	1	5	12	0	17	9	5	22	1	1	416
16:00	4	229	41	0	5	<b>17</b>	0	<b>30</b>	<b>11</b>	7	<b>29</b>	<b>6</b>	<b>14</b>	393
17:00	3	250	33	0	5	8	0	25	11	13	19	4	13	384
18:00	<b>5</b>	<b>301</b>	50	1	2	7	1	18	4	5	29	0	5	<b>428</b>
19:00	1	262	35	1	2	4	0	12	5	3	12	0	2	339
20:00	2	188	28	1	1	0	0	4	1	0	7	0	1	233
21:00	0	136	15	0	0	0	0	0	2	0	5	0	1	159
22:00	0	98	7	0	0	0	0	1	1	0	0	0	0	107
23:00	0	80	6	0	1	0	0	1	0	0	2	0	0	90
Day Total	54	5849	1120	6	67	139	5	231	87	78	209	23	89	7957
Percent	0.7%	73.5%	14.1%	0.1%	0.8%	1.7%	0.1%	2.9%	1.1%	1.0%	2.6%	0.3%	1.1%	
AM Peak	08:00	07:00	06:00		11:00	11:00	06:00	07:00	10:00	08:00	07:00	07:00	07:00	07:00
Vol.	7	715	158		8	17	1	27	7	9	14	5	10	921
PM Peak	18:00	18:00	13:00	12:00	14:00	16:00	13:00	16:00	16:00	12:00	16:00	16:00	16:00	18:00
Vol.	5	301	55	1	8	17	1	30	11	13	29	6	14	428

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/23/17	0	67	7	0	0	1	0	3	0	0	3	0	0	81
01:00	0	31	4	0	0	0	0	0	0	0	1	0	0	36
02:00	0	16	5	0	1	0	0	0	0	0	0	0	0	22
03:00	0	15	3	0	0	1	0	0	0	0	0	0	0	19
04:00	1	35	6	0	0	1	0	0	0	0	0	0	0	43
05:00	2	93	25	0	1	1	0	0	1	1	0	0	0	124
06:00	0	119	42	0	2	0	0	2	0	0	2	0	0	167
07:00	2	182	41	0	3	5	0	3	2	1	1	0	0	240
08:00	2	297	51	0	2	9	1	8	0	2	2	0	6	380
09:00	2	408	59	0	1	5	0	11	2	5	6	2	1	502
10:00	1	400	76	0	3	3	0	29	1	2	11	0	7	533
11:00	3	396	65	0	1	7	0	20	3	0	24	1	4	524
12 PM	2	371	65	0	0	4	0	12	4	3	17	1	5	484
13:00	3	328	61	0	7	6	0	15	2	5	19	0	2	448
14:00	5	317	49	0	1	2	1	12	5	1	16	1	10	420
15:00	3	320	45	0	3	5	0	14	1	6	17	2	3	419
16:00	3	332	49	0	2	5	0	13	2	1	9	1	1	418
17:00	3	332	42	0	2	3	0	10	2	0	10	0	1	405
18:00	3	311	44	0	0	2	0	9	2	1	7	0	3	382
19:00	0	242	28	0	1	0	0	6	1	0	7	0	0	285
20:00	2	174	24	0	0	1	0	3	1	1	6	1	1	214
21:00	1	156	18	0	0	0	0	2	0	1	3	0	1	182
22:00	1	131	9	0	2	0	0	1	0	0	2	0	0	146
23:00	0	80	10	0	0	0	0	2	0	0	0	0	0	92
Day Total	39	5153	828	0	32	61	2	175	29	30	163	9	45	6566
Percent	0.6%	78.5%	12.6%	0.0%	0.5%	0.9%	0.0%	2.7%	0.4%	0.5%	2.5%	0.1%	0.7%	
AM Peak	11:00	09:00	10:00		07:00	08:00	08:00	10:00	11:00	09:00	11:00	09:00	10:00	10:00
Vol.	3	408	76		3	9	1	29	3	5	24	2	7	533
PM Peak	14:00	12:00	12:00		13:00	13:00	14:00	13:00	14:00	15:00	13:00	15:00	14:00	12:00
Vol.	5	371	65		7	6	1	15	5	6	19	2	10	484

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Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/24/17	0	66	9	0	<b>2</b>	<b>1</b>	0	1	0	0	2	0	0	81
01:00	0	48	5	0	1	0	0	2	0	0	0	0	<b>1</b>	57
02:00	0	29	3	0	1	0	0	0	<b>2</b>	0	0	0	0	35
03:00	0	18	4	0	1	0	0	0	0	0	0	0	0	23
04:00	0	26	3	0	0	0	0	0	2	0	0	0	0	31
05:00	1	37	10	0	0	0	0	0	1	0	0	0	0	49
06:00	0	62	8	0	0	0	0	0	0	0	0	0	0	70
07:00	1	110	21	0	0	0	0	2	0	1	1	0	0	136
08:00	<b>4</b>	180	40	0	2	0	0	2	0	0	1	0	0	229
09:00	1	295	48	0	0	0	0	<b>8</b>	0	0	7	0	1	360
10:00	3	348	<b>51</b>	0	0	0	0	4	2	1	<b>10</b>	<b>1</b>	1	421
11:00	3	<b>415</b>	40	0	1	0	<b>1</b>	6	1	<b>3</b>	7	0	1	<b>478</b>
12 PM	<b>5</b>	<b>398</b>	49	0	2	0	0	8	0	<b>3</b>	<b>14</b>	<b>1</b>	3	<b>483</b>
13:00	5	374	<b>53</b>	0	1	0	0	<b>16</b>	0	0	10	1	5	465
14:00	3	326	34	0	0	0	0	7	0	0	10	1	1	382
15:00	2	302	40	0	2	0	0	9	0	2	8	0	5	370
16:00	4	329	39	0	2	<b>2</b>	0	8	0	0	10	0	<b>7</b>	401
17:00	3	313	41	0	<b>4</b>	0	0	11	0	0	10	1	2	385
18:00	1	336	41	0	0	1	0	8	<b>1</b>	0	10	0	2	400
19:00	1	322	42	0	1	0	0	9	0	0	7	1	3	386
20:00	4	257	33	0	0	0	0	4	0	0	5	0	2	305
21:00	0	202	31	0	0	0	0	1	0	0	6	0	0	240
22:00	2	128	16	0	0	1	0	0	1	0	2	0	0	150
23:00	0	51	8	0	0	0	0	2	0	0	0	0	0	61
Day Total	43	4972	669	0	20	5	1	108	10	10	120	6	34	5998
Percent	0.7%	82.9%	11.2%	0.0%	0.3%	0.1%	0.0%	1.8%	0.2%	0.2%	2.0%	0.1%	0.6%	
AM Peak	08:00	11:00	10:00		00:00	00:00	11:00	09:00	02:00	11:00	10:00	10:00	01:00	11:00
Vol.	4	415	51		2	1	1	8	2	3	10	1	1	478
PM Peak	12:00	12:00	13:00		17:00	16:00		13:00	18:00	12:00	12:00	12:00	16:00	12:00
Vol.	5	398	53		4	2		16	1	3	14	1	7	483

Ontario Traffic, Inc.  
17705 Leslie St., Unit 6  
Newmarket, Ontario L3Y 3E3  
Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/25/17	0	20	1	0	0	1	0	0	0	0	0	0	0	22
01:00	0	12	2	0	0	0	0	0	1	0	0	0	1	16
02:00	0	12	3	0	0	1	0	0	0	0	0	0	0	16
03:00	0	26	6	0	0	0	0	0	0	0	0	0	0	32
04:00	0	72	17	0	1	1	0	0	1	0	0	0	0	92
05:00	3	307	126	0	0	4	0	4	1	2	3	1	2	453
06:00	3	548	168	0	4	0	0	12	3	1	10	0	7	756
07:00	5	817	144	0	6	11	1	19	1	6	17	1	7	1035
08:00	4	708	104	0	8	24	0	14	4	3	15	1	8	893
09:00	0	435	66	0	7	12	0	8	7	9	9	1	5	559
10:00	5	315	67	0	5	17	0	11	11	6	4	0	4	445
11:00	3	259	45	0	7	16	1	7	2	6	5	1	5	357
12 PM	0	271	45	0	3	13	0	15	7	2	6	1	2	365
13:00	0	248	63	0	4	15	0	11	4	4	5	0	4	358
14:00	1	228	56	0	4	10	0	17	4	5	4	1	5	335
15:00	3	238	43	0	3	16	1	22	9	6	12	2	5	360
16:00	1	187	51	1	0	23	1	23	9	2	18	4	17	337
17:00	0	229	46	0	1	19	3	25	11	10	22	3	5	374
18:00	8	221	49	0	0	10	1	9	4	5	7	1	12	327
19:00	4	229	42	1	3	5	0	14	2	1	12	3	2	318
20:00	1	150	23	0	0	1	0	2	2	0	3	2	0	184
21:00	0	96	18	0	0	0	1	1	2	0	2	0	0	120
22:00	1	64	12	0	0	0	0	1	0	1	0	0	0	79
23:00	0	41	2	0	2	0	0	0	1	0	1	0	0	47
Day Total	42	5733	1199	2	58	199	9	215	86	69	155	22	91	7880
Percent	0.5%	72.8%	15.2%	0.0%	0.7%	2.5%	0.1%	2.7%	1.1%	0.9%	2.0%	0.3%	1.2%	
AM Peak	07:00	07:00	06:00		08:00	08:00	07:00	07:00	10:00	09:00	07:00	05:00	08:00	07:00
Vol.	5	817	168		8	24	1	19	11	9	17	1	8	1035
PM Peak	18:00	12:00	13:00	16:00	13:00	16:00	17:00	17:00	17:00	17:00	17:00	16:00	16:00	17:00
Vol.	8	271	63	1	4	23	3	25	11	10	22	4	17	374

Ontario Traffic, Inc.  
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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

## SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/26/17	1	22	6	0	1	1	0	0	0	0	0	0	0	31
01:00	0	11	0	0	1	0	0	0	0	0	0	0	0	12
02:00	0	24	2	0	0	0	0	0	0	0	1	0	1	28
03:00	0	18	6	0	0	2	0	0	0	0	0	0	0	26
04:00	1	79	15	0	0	2	0	0	1	0	0	0	0	98
05:00	2	295	116	0	0	1	0	3	2	2	1	0	2	424
06:00	2	552	187	0	4	7	1	18	2	1	10	0	5	789
07:00	3	769	139	0	6	15	0	24	2	4	17	2	12	993
08:00	2	673	96	0	4	13	0	31	1	2	14	4	10	850
09:00	1	485	68	0	9	18	0	17	6	9	10	2	3	628
10:00	3	255	62	1	1	25	2	18	6	4	6	0	13	396
11:00	4	263	56	0	9	12	0	11	0	9	5	0	3	372
12 PM	2	240	48	0	1	14	1	23	9	7	11	0	3	359
13:00	3	234	56	0	11	20	0	5	3	2	4	0	2	340
14:00	0	222	66	0	6	17	0	11	4	5	9	1	5	346
15:00	2	245	56	1	5	26	2	15	7	7	16	2	6	390
16:00	3	184	26	1	3	12	0	17	7	5	18	2	19	297
17:00	2	190	50	1	2	15	1	22	7	6	21	1	13	331
18:00	2	273	61	1	3	10	0	19	5	3	22	4	4	407
19:00	3	216	42	1	2	2	0	9	5	3	9	0	1	293
20:00	2	156	19	0	0	0	0	1	1	0	4	0	1	184
21:00	0	118	16	0	0	0	0	5	1	1	1	0	0	142
22:00	1	72	9	0	1	0	0	3	3	0	1	0	1	91
23:00	0	32	1	0	0	0	0	1	2	0	2	0	0	38
Day Total	39	5628	1203	6	69	212	7	253	74	70	182	18	104	7865
Percent	0.5%	71.6%	15.3%	0.1%	0.9%	2.7%	0.1%	3.2%	0.9%	0.9%	2.3%	0.2%	1.3%	
AM Peak	11:00	07:00	06:00	10:00	09:00	10:00	10:00	08:00	09:00	09:00	07:00	08:00	10:00	07:00
Vol.	4	769	187	1	9	25	2	31	6	9	17	4	13	993
PM Peak	13:00	18:00	14:00	15:00	13:00	15:00	15:00	12:00	12:00	12:00	18:00	18:00	16:00	18:00
Vol.	3	273	66	1	11	26	2	23	9	7	22	4	19	407

Ontario Traffic, Inc.  
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Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/27/17	0	24	3	0	0	0	0	1	0	0	0	0	0	28
01:00	0	16	2	0	1	0	0	0	0	0	0	0	2	21
02:00	0	28	4	0	0	1	0	1	0	0	0	0	0	34
03:00	0	25	4	0	0	0	0	0	2	0	0	0	0	31
04:00	1	63	19	0	0	0	0	0	0	0	0	0	0	83
05:00	2	298	124	0	0	2	0	5	2	1	2	0	3	439
06:00	4	578	<b>185</b>	0	2	4	0	12	3	3	8	0	7	806
07:00	<b>7</b>	<b>724</b>	117	0	4	8	<b>1</b>	24	3	2	12	0	<b>18</b>	<b>920</b>
08:00	3	674	100	0	<b>8</b>	<b>17</b>	1	<b>26</b>	3	7	<b>14</b>	0	7	860
09:00	2	416	71	0	7	14	0	12	<b>13</b>	<b>11</b>	9	<b>1</b>	4	560
10:00	0	286	59	0	1	12	0	8	8	6	7	0	2	389
11:00	1	263	52	0	7	9	0	6	3	5	6	0	10	362
12 PM	0	244	46	0	2	14	0	16	4	6	5	0	1	338
13:00	<b>2</b>	224	56	0	6	<b>19</b>	0	8	<b>10</b>	3	4	0	4	336
14:00	0	236	56	0	<b>8</b>	13	0	19	10	6	6	<b>2</b>	4	360
15:00	0	<b>295</b>	57	0	1	18	0	20	8	6	11	1	2	<b>419</b>
16:00	2	214	<b>60</b>	0	4	17	<b>1</b>	<b>24</b>	8	<b>7</b>	15	0	<b>9</b>	361
17:00	1	256	55	0	2	5	0	19	6	4	11	0	5	364
18:00	2	224	55	<b>1</b>	2	3	0	21	3	7	<b>17</b>	1	1	337
19:00	0	231	40	0	1	0	0	10	5	3	9	0	1	300
20:00	1	126	26	0	0	0	1	4	2	1	7	0	0	168
21:00	1	100	21	0	2	0	0	3	2	1	0	0	0	130
22:00	0	78	9	0	0	1	0	1	3	0	1	0	1	94
23:00	0	28	8	0	0	0	0	0	1	0	1	0	1	39
Day Total	29	5651	1229	1	58	157	4	240	99	79	145	5	82	7779
Percent	0.4%	72.6%	15.8%	0.0%	0.7%	2.0%	0.1%	3.1%	1.3%	1.0%	1.9%	0.1%	1.1%	
AM Peak	07:00	07:00	06:00		08:00	08:00	07:00	08:00	09:00	09:00	08:00	09:00	07:00	07:00
Vol.	7	724	185		8	17	1	26	13	11	14	1	18	920
PM Peak	13:00	15:00	16:00	18:00	14:00	13:00	16:00	16:00	13:00	16:00	18:00	14:00	16:00	15:00
Vol.	2	295	60	1	8	19	1	24	10	7	17	2	9	419

Ontario Traffic, Inc.  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	0	26	4	0	0	0	0	0	0	0	0	0	0	30
01:00	0	17	2	0	0	1	0	0	1	0	0	0	0	21
02:00	0	18	1	0	0	1	0	0	0	1	1	0	0	22
03:00	0	23	5	0	0	0	0	0	3	0	0	0	0	31
04:00	0	80	21	0	0	0	0	1	1	0	0	0	0	103
05:00	0	299	135	0	0	2	0	2	3	0	2	0	0	443
06:00	0	581	<b>184</b>	0	6	8	0	8	1	1	7	1	6	803
07:00	0	701	131	<b>1</b>	4	6	<b>1</b>	28	4	4	10	2	<b>17</b>	909
08:00	2	<b>717</b>	109	0	<b>19</b>	12	0	<b>29</b>	6	<b>11</b>	<b>18</b>	<b>3</b>	12	<b>938</b>
09:00	<b>3</b>	504	90	1	1	<b>14</b>	0	7	<b>14</b>	7	13	0	6	660
10:00	1	348	72	0	8	9	0	9	6	7	8	0	5	473
11:00	1	292	65	0	3	13	1	11	6	6	6	1	5	410
12 PM	1	238	47	0	<b>7</b>	6	0	9	10	4	4	1	2	329
13:00	2	258	63	0	6	8	0	7	2	3	4	0	5	358
14:00	2	235	<b>65</b>	<b>2</b>	5	4	0	20	4	3	7	0	3	350
15:00	<b>4</b>	269	50	1	7	11	0	18	6	2	10	1	<b>12</b>	391
16:00	1	227	47	0	3	<b>16</b>	<b>1</b>	15	8	<b>10</b>	20	2	12	362
17:00	1	254	46	0	4	13	1	<b>26</b>	<b>11</b>	7	<b>21</b>	<b>4</b>	7	395
18:00	2	<b>289</b>	54	1	2	5	0	18	5	5	20	0	6	<b>407</b>
19:00	2	248	52	0	0	1	1	10	1	5	13	0	1	334
20:00	0	150	35	0	0	0	0	3	1	1	4	0	0	194
21:00	0	91	14	0	1	0	0	1	2	1	3	0	0	113
22:00	0	62	16	0	0	1	0	3	1	2	1	0	0	86
23:00	1	36	6	0	0	0	0	0	1	0	0	1	0	45
Day Total	23	5963	1314	6	76	131	5	225	97	80	172	16	99	8207
Percent	0.3%	72.7%	16.0%	0.1%	0.9%	1.6%	0.1%	2.7%	1.2%	1.0%	2.1%	0.2%	1.2%	
AM Peak	09:00	08:00	06:00	07:00	08:00	09:00	07:00	08:00	09:00	08:00	08:00	08:00	07:00	08:00
Vol.	3	717	184	1	19	14	1	29	14	11	18	3	17	938
PM Peak	15:00	18:00	14:00	14:00	12:00	16:00	16:00	17:00	17:00	16:00	17:00	17:00	15:00	18:00
Vol.	4	289	65	2	7	16	1	26	11	10	21	4	12	407

**Ontario Traffic, Inc.**  
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 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	0	26	5	0	0	0	0	0	1	1	0	0	0	33
01:00	0	23	2	0	0	0	0	0	0	0	0	0	0	25
02:00	0	20	5	0	1	0	0	0	0	0	0	0	0	26
03:00	0	15	5	0	0	0	0	0	0	0	0	0	0	20
04:00	0	64	15	0	0	1	0	1	1	0	0	0	1	83
05:00	0	299	113	0	2	3	0	3	1	0	2	0	4	427
06:00	0	540	<b>161</b>	0	4	9	<b>1</b>	8	1	1	9	0	9	743
07:00	1	<b>705</b>	127	0	9	2	0	17	1	4	<b>18</b>	0	<b>10</b>	<b>894</b>
08:00	0	634	93	0	7	3	0	<b>18</b>	3	<b>7</b>	12	1	5	783
09:00	0	390	70	0	6	9	0	9	6	4	10	1	3	508
10:00	<b>5</b>	348	66	<b>1</b>	<b>14</b>	3	1	13	4	0	6	<b>2</b>	1	464
11:00	2	311	65	0	6	<b>13</b>	0	16	<b>8</b>	2	9	0	2	434
12 PM	<b>4</b>	244	52	0	<b>8</b>	9	0	12	5	4	13	0	4	355
13:00	1	253	59	<b>1</b>	5	6	<b>1</b>	18	6	1	16	1	3	371
14:00	1	217	<b>63</b>	1	5	12	0	14	8	<b>11</b>	24	1	6	363
15:00	0	246	57	0	7	<b>14</b>	1	22	<b>12</b>	7	<b>28</b>	3	9	406
16:00	3	285	55	1	3	11	0	<b>29</b>	5	5	22	1	<b>13</b>	<b>433</b>
17:00	1	<b>310</b>	41	0	1	8	0	21	5	6	16	0	7	416
18:00	1	294	36	1	4	10	0	13	7	3	13	<b>4</b>	2	388
19:00	2	293	39	1	2	6	0	16	3	1	6	1	1	371
20:00	2	222	22	0	1	3	1	8	1	0	7	0	0	267
21:00	0	143	13	0	0	1	0	4	0	0	4	1	1	167
22:00	1	92	9	0	1	0	0	1	1	1	2	0	1	109
23:00	0	107	7	0	0	1	0	3	0	0	1	0	0	119
Day Total	24	6081	1180	6	86	124	5	246	79	58	218	16	82	8205
Percent	0.3%	74.1%	14.4%	0.1%	1.0%	1.5%	0.1%	3.0%	1.0%	0.7%	2.7%	0.2%	1.0%	
AM Peak	10:00	07:00	06:00	10:00	10:00	11:00	06:00	08:00	11:00	08:00	07:00	10:00	07:00	07:00
Vol.	5	705	161	1	14	13	1	18	8	7	18	2	10	894
PM Peak	12:00	17:00	14:00	13:00	12:00	15:00	13:00	16:00	15:00	14:00	15:00	18:00	16:00	16:00
Vol.	4	310	63	1	8	14	1	29	12	11	28	4	13	433

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 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/30/17	0	72	2	0	0	1	0	1	0	0	1	0	0	77
01:00	0	33	5	0	0	0	0	1	0	0	0	0	0	39
02:00	0	15	3	0	1	0	0	0	0	0	0	0	0	19
03:00	0	16	5	0	0	0	0	0	0	0	0	0	0	21
04:00	0	51	11	0	0	0	0	0	0	0	1	0	0	63
05:00	0	86	26	0	2	1	0	0	0	1	0	0	0	116
06:00	1	95	43	0	2	0	0	1	0	0	1	0	0	143
07:00	1	202	49	0	0	1	0	2	1	0	2	1	4	263
08:00	1	300	55	0	1	2	0	4	0	1	5	0	2	371
09:00	2	367	76	0	3	7	0	16	2	1	12	0	0	486
10:00	4	362	85	1	1	5	0	29	1	2	21	0	5	516
11:00	1	414	67	0	4	5	0	21	2	4	22	1	3	544
12 PM	3	392	55	0	2	4	0	16	2	3	17	1	11	506
13:00	6	342	59	0	5	6	1	13	3	5	18	2	7	467
14:00	2	322	47	0	4	5	1	16	1	2	16	0	3	419
15:00	2	338	52	0	1	5	0	12	4	0	13	2	4	433
16:00	4	312	57	0	1	4	0	14	2	4	9	0	2	409
17:00	1	357	44	0	2	3	0	8	0	1	12	0	1	429
18:00	2	275	41	0	1	2	1	6	1	1	13	1	0	344
19:00	0	239	39	0	1	3	0	5	1	2	5	0	1	296
20:00	2	211	22	0	0	1	0	2	0	0	7	1	0	246
21:00	2	169	13	0	0	2	0	1	0	2	6	0	1	196
22:00	1	156	8	0	0	0	0	0	0	0	2	0	0	167
23:00	0	106	6	0	0	0	0	0	1	0	0	0	0	113
Day Total	35	5232	870	1	31	57	3	168	21	29	183	9	44	6683
Percent	0.5%	78.3%	13.0%	0.0%	0.5%	0.9%	0.0%	2.5%	0.3%	0.4%	2.7%	0.1%	0.7%	
AM Peak	10:00	11:00	10:00	10:00	11:00	09:00		10:00	09:00	11:00	11:00	07:00	10:00	11:00
Vol.	4	414	85	1	4	7		29	2	4	22	1	5	544
PM Peak	13:00	12:00	13:00		13:00	13:00	13:00	12:00	15:00	13:00	13:00	13:00	12:00	12:00
Vol.	6	392	59		5	6	1	16	4	5	18	2	11	506

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/01/17	0	72	4	0	0	0	0	0	1	0	0	0	0	77
01:00	0	45	7	0	0	0	0	0	0	0	0	0	0	52
02:00	0	28	5	0	0	0	0	0	0	0	0	0	0	33
03:00	0	17	3	0	0	0	0	0	0	0	0	0	1	21
04:00	0	22	6	0	0	0	0	0	0	0	1	0	0	29
05:00	0	23	8	0	0	0	0	1	0	0	1	0	0	33
06:00	1	73	12	0	0	0	0	0	1	0	0	0	0	87
07:00	0	121	19	0	1	0	0	0	0	0	2	0	1	144
08:00	1	219	33	0	2	0	0	1	0	0	5	0	2	263
09:00	1	301	43	0	0	0	0	2	0	1	6	1	0	355
10:00	2	390	52	0	1	1	1	4	0	0	8	0	2	461
11:00	4	404	44	0	3	0	0	7	0	0	10	0	0	472
12 PM	1	418	46	0	1	0	1	5	2	1	11	1	1	488
13:00	3	390	54	0	1	0	0	5	0	1	9	1	3	467
14:00	2	348	57	0	0	0	0	8	0	3	14	1	1	434
15:00	4	317	44	0	1	0	0	13	1	1	12	0	4	397
16:00	5	323	49	0	4	0	0	9	0	0	13	1	5	409
17:00	2	339	52	0	2	1	0	10	0	2	6	0	2	416
18:00	1	347	44	0	1	1	0	5	1	0	7	0	2	409
19:00	1	352	46	0	0	1	0	6	1	1	4	1	3	416
20:00	0	295	36	0	1	0	0	1	0	0	2	0	1	336
21:00	1	239	29	0	0	1	0	0	0	0	1	0	0	271
22:00	0	124	19	0	0	0	0	0	0	0	0	0	1	144
23:00	0	62	8	0	0	0	0	1	0	0	0	0	0	71
Day Total	29	5269	720	0	18	5	2	78	7	10	112	6	29	6285
Percent	0.5%	83.8%	11.5%	0.0%	0.3%	0.1%	0.0%	1.2%	0.1%	0.2%	1.8%	0.1%	0.5%	
AM Peak	11:00	11:00	10:00		11:00	10:00	10:00	11:00	00:00	09:00	11:00	09:00	08:00	11:00
Vol.	4	404	52		3	1	1	7	1	1	10	1	2	472
PM Peak	16:00	12:00	14:00		16:00	17:00	12:00	15:00	12:00	14:00	14:00	12:00	16:00	12:00
Vol.	5	418	57		4	1	1	13	2	3	14	1	5	488

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 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/02/17	1	17	4	0	0	0	0	1	1	0	0	0	0	24
01:00	0	14	5	0	0	0	0	0	0	0	0	0	0	19
02:00	0	19	3	0	0	0	0	0	0	0	0	0	0	22
03:00	0	29	6	0	0	1	0	0	0	0	1	0	2	39
04:00	0	72	24	0	1	2	0	2	2	0	8	0	1	112
05:00	1	259	144	0	1	7	0	8	1	2	5	1	4	433
06:00	3	473	<b>185</b>	<b>1</b>	4	13	<b>1</b>	<b>16</b>	1	1	13	0	5	716
07:00	1	<b>810</b>	139	1	<b>8</b>	<b>16</b>	1	13	7	2	<b>16</b>	1	<b>7</b>	<b>1022</b>
08:00	<b>4</b>	698	113	0	5	15	0	12	<b>12</b>	4	8	<b>2</b>	3	876
09:00	2	422	85	0	5	8	0	8	5	3	7	0	4	549
10:00	2	344	71	0	7	12	0	10	3	4	11	0	4	468
11:00	3	254	67	0	3	14	1	7	6	<b>5</b>	8	1	2	371
12 PM	1	<b>271</b>	43	0	4	13	0	8	6	3	7	0	1	357
13:00	1	263	60	0	3	12	0	13	5	4	4	0	3	368
14:00	<b>3</b>	241	<b>61</b>	0	<b>6</b>	13	0	12	5	8	8	0	5	362
15:00	3	259	46	0	4	16	0	16	5	10	6	2	4	<b>371</b>
16:00	2	209	54	<b>1</b>	1	<b>23</b>	0	22	<b>11</b>	<b>11</b>	17	3	<b>9</b>	363
17:00	2	211	45	0	0	13	0	<b>26</b>	11	5	<b>33</b>	<b>5</b>	7	358
18:00	0	232	49	1	0	6	<b>1</b>	15	1	6	10	0	7	328
19:00	1	207	41	1	2	2	0	7	4	1	10	1	2	279
20:00	1	156	21	0	2	2	0	2	1	0	2	0	0	187
21:00	1	98	13	0	0	0	0	2	1	0	1	0	0	116
22:00	0	61	8	0	0	0	0	0	0	0	0	0	2	71
23:00	0	21	4	0	0	0	0	0	1	0	0	0	0	26
Day Total	32	5640	1291	5	56	188	4	200	89	69	175	16	72	7837
Percent	0.4%	72.0%	16.5%	0.1%	0.7%	2.4%	0.1%	2.6%	1.1%	0.9%	2.2%	0.2%	0.9%	
AM Peak	08:00	07:00	06:00	06:00	07:00	07:00	06:00	06:00	08:00	11:00	07:00	08:00	07:00	07:00
Vol.	4	810	185	1	8	16	1	16	12	5	16	2	7	1022
PM Peak	14:00	12:00	14:00	16:00	14:00	16:00	18:00	17:00	16:00	16:00	17:00	17:00	16:00	15:00
Vol.	3	271	61	1	6	23	1	26	11	11	33	5	9	371
Grand Total	490	78192	15289	43	765	1624	62	2851	882	814	2343	205	1018	104578
Percent	0.5%	74.8%	14.6%	0.0%	0.7%	1.6%	0.1%	2.7%	0.8%	0.8%	2.2%	0.2%	1.0%	

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Site Code: 3  
Station ID: D110/D9  
Albion Vaughan Rd between Dovaston Gate  
& CPR Crossing  
Date Start: 19-Sep-17  
Date End: 02-Oct-17  
Date Start: 19-Sep-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/19/17	1	73	20	0	0	0	0	1	0	0	0	0	0	95
01:00	0	55	2	0	0	0	0	0	1	2	0	0	0	60
02:00	1	29	11	0	0	0	0	0	1	2	1	0	0	45
03:00	1	29	7	0	0	1	0	0	4	3	0	0	0	45
04:00	0	99	24	0	0	4	0	0	8	10	2	0	1	148
05:00	2	310	128	2	1	10	0	7	9	9	14	0	13	505
06:00	3	557	199	2	4	16	0	17	14	8	35	1	15	871
07:00	2	898	188	0	8	16	2	38	7	10	32	4	16	1221
08:00	7	765	155	1	10	17	1	36	13	9	45	7	21	1087
09:00	3	562	113	1	10	7	0	21	11	5	26	0	12	771
10:00	2	398	117	1	7	15	2	18	7	10	19	1	4	601
11:00	5	421	114	0	10	12	3	19	11	20	16	2	4	637
12 PM	2	430	107	0	11	17	1	16	16	10	21	1	9	641
13:00	7	456	120	0	10	10	2	16	9	8	26	2	3	669
14:00	4	457	121	1	11	9	3	24	9	14	19	3	12	687
15:00	9	650	182	1	12	18	1	26	17	10	37	0	19	982
16:00	6	714	179	2	8	31	2	53	14	9	59	4	36	1117
17:00	6	699	161	1	3	19	4	41	15	10	49	4	55	1067
18:00	7	721	154	1	5	11	1	21	12	4	36	3	17	993
19:00	5	512	117	0	5	5	0	9	5	3	19	1	3	684
20:00	2	380	68	0	3	0	0	6	1	2	12	1	0	475
21:00	1	354	57	0	1	1	0	8	0	1	4	0	2	429
22:00	1	230	33	0	0	2	0	3	0	1	3	0	0	273
23:00	2	165	32	0	0	2	0	2	2	0	2	0	0	207
Day Total	79	9964	2409	13	119	223	22	382	186	160	477	34	242	14310
Percent	0.6%	69.6%	16.8%	0.1%	0.8%	1.6%	0.2%	2.7%	1.3%	1.1%	3.3%	0.2%	1.7%	
AM Peak	08:00	07:00	06:00	05:00	08:00	08:00	11:00	07:00	06:00	11:00	08:00	08:00	08:00	07:00
Vol.	7	898	199	2	10	17	3	38	14	20	45	7	21	1221
PM Peak	15:00	18:00	15:00	16:00	15:00	16:00	17:00	16:00	15:00	14:00	16:00	16:00	17:00	16:00
Vol.	9	721	182	2	12	31	4	53	17	14	59	4	55	1117

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/20/17	1	85	18	0	0	0	0	1	2	0	0	0	0	107
01:00	0	62	7	0	0	1	0	0	0	1	0	0	0	71
02:00	0	34	7	0	2	0	0	0	1	2	1	0	0	47
03:00	0	31	9	0	0	1	0	0	3	2	0	0	0	46
04:00	0	98	25	0	0	6	0	0	8	9	6	0	1	153
05:00	4	333	143	1	1	9	0	6	9	8	9	0	11	534
06:00	<b>8</b>	<b>620</b>	<b>216</b>	0	6	18	<b>1</b>	18	7	7	15	3	12	931
07:00	5	<b>863</b>	204	0	9	10	1	<b>33</b>	10	12	30	2	21	<b>1200</b>
08:00	3	785	140	0	9	12	1	29	11	12	<b>36</b>	3	<b>24</b>	1065
09:00	4	531	123	0	6	<b>19</b>	1	21	<b>12</b>	<b>13</b>	18	<b>4</b>	9	761
10:00	7	442	86	0	<b>13</b>	15	0	16	9	6	23	0	11	628
11:00	8	416	118	<b>2</b>	8	17	1	14	6	9	14	1	8	622
12 PM	2	427	97	0	9	20	0	13	10	11	16	1	3	609
13:00	3	462	96	0	12	10	1	11	12	12	11	1	6	637
14:00	7	457	146	0	<b>16</b>	13	<b>2</b>	14	7	10	31	<b>3</b>	8	714
15:00	4	643	177	<b>1</b>	10	<b>24</b>	1	28	10	9	45	1	11	964
16:00	3	739	<b>209</b>	1	5	22	1	28	16	<b>17</b>	55	0	15	1111
17:00	6	<b>836</b>	183	0	6	16	2	39	<b>20</b>	17	<b>70</b>	2	23	<b>1220</b>
18:00	<b>11</b>	657	167	1	4	10	1	<b>44</b>	12	3	43	3	<b>24</b>	980
19:00	7	548	105	0	2	3	0	16	2	5	25	2	7	722
20:00	11	444	76	0	0	1	0	8	3	1	9	0	5	558
21:00	4	316	58	0	0	1	2	3	0	0	9	1	1	395
22:00	1	262	37	0	1	0	0	5	0	0	2	0	1	309
23:00	3	178	31	0	0	1	0	0	1	0	0	0	1	215
Day Total	102	10269	2478	6	119	229	15	347	171	166	468	27	202	14599
Percent	0.7%	70.3%	17.0%	0.0%	0.8%	1.6%	0.1%	2.4%	1.2%	1.1%	3.2%	0.2%	1.4%	
AM Peak	06:00	07:00	06:00	11:00	10:00	09:00	06:00	07:00	09:00	09:00	08:00	09:00	08:00	07:00
Vol.	8	863	216	2	13	19	1	33	12	13	36	4	24	1200
PM Peak	18:00	17:00	16:00	15:00	14:00	15:00	14:00	18:00	17:00	16:00	17:00	14:00	18:00	17:00
Vol.	11	836	209	1	16	24	2	44	20	17	70	3	24	1220

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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/21/17	0	74	28	0	0	0	0	2	2	0	0	0	0	106
01:00	1	59	4	0	0	1	0	0	1	0	0	0	1	67
02:00	0	31	6	0	0	0	0	0	1	0	0	0	1	39
03:00	2	33	8	0	0	3	0	0	2	4	2	0	2	56
04:00	0	98	30	0	0	4	0	1	5	9	0	0	2	149
05:00	2	342	118	1	1	11	0	3	3	10	12	0	12	515
06:00	4	579	<b>184</b>	<b>2</b>	5	12	<b>3</b>	24	9	9	21	3	<b>21</b>	876
07:00	4	<b>855</b>	176	1	9	15	0	24	6	5	<b>36</b>	2	16	<b>1149</b>
08:00	6	767	148	1	10	11	2	<b>34</b>	11	8	32	<b>4</b>	16	1050
09:00	7	515	139	1	<b>11</b>	16	1	24	12	<b>11</b>	33	1	13	784
10:00	4	441	109	1	10	18	1	19	<b>13</b>	7	16	1	10	650
11:00	<b>8</b>	375	110	1	11	<b>19</b>	0	15	6	5	17	2	10	579
12 PM	7	443	95	0	11	<b>24</b>	1	18	6	8	14	2	5	634
13:00	4	409	103	0	12	23	0	16	10	13	22	1	5	618
14:00	5	515	128	1	<b>17</b>	12	1	19	9	6	25	4	8	750
15:00	7	616	158	<b>2</b>	11	13	<b>2</b>	36	4	<b>14</b>	47	<b>6</b>	<b>21</b>	937
16:00	<b>8</b>	826	<b>217</b>	0	5	13	0	34	5	7	45	2	8	1170
17:00	3	<b>858</b>	191	0	4	14	1	<b>51</b>	<b>12</b>	9	<b>60</b>	4	21	<b>1228</b>
18:00	8	710	177	2	12	8	2	31	6	7	57	4	11	1035
19:00	7	616	107	1	5	6	1	27	5	2	33	1	8	819
20:00	2	441	79	0	1	5	0	6	1	2	17	2	5	561
21:00	1	357	52	0	0	0	0	4	3	2	7	0	3	429
22:00	2	243	37	0	0	0	0	1	1	1	1	1	1	288
23:00	0	165	25	0	0	0	0	0	1	0	1	0	0	192
Day Total	92	10368	2429	14	135	228	15	389	134	139	498	40	200	14681
Percent	0.6%	70.6%	16.5%	0.1%	0.9%	1.6%	0.1%	2.6%	0.9%	0.9%	3.4%	0.3%	1.4%	
AM Peak	11:00	07:00	06:00	06:00	09:00	11:00	06:00	08:00	10:00	09:00	07:00	08:00	06:00	07:00
Vol.	8	855	184	2	11	19	3	34	13	11	36	4	21	1149
PM Peak	16:00	17:00	16:00	15:00	14:00	12:00	15:00	17:00	17:00	15:00	17:00	15:00	15:00	17:00
Vol.	8	858	217	2	17	24	2	51	12	14	60	6	21	1228

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09/22/17	4	101	17	0	0	1	0	1	1	0	1	0	1	127
01:00	1	57	5	0	0	0	0	0	3	1	1	0	0	68
02:00	0	31	10	0	1	0	0	0	0	0	0	0	1	43
03:00	1	28	9	0	0	2	0	0	0	3	2	0	1	46
04:00	1	84	21	0	0	3	0	1	4	<b>13</b>	0	0	1	128
05:00	7	321	125	1	2	14	0	6	8	10	6	0	13	513
06:00	11	592	<b>189</b>	<b>2</b>	9	13	1	19	9	1	24	3	<b>18</b>	891
07:00	5	<b>799</b>	180	0	8	10	1	<b>35</b>	8	9	<b>39</b>	<b>5</b>	17	<b>1116</b>
08:00	<b>13</b>	660	120	0	6	18	1	33	10	12	33	4	16	926
09:00	6	534	113	1	8	16	2	17	9	11	21	2	18	758
10:00	4	479	128	0	7	10	1	15	9	9	18	1	11	692
11:00	6	438	122	2	<b>13</b>	<b>23</b>	<b>3</b>	20	<b>11</b>	7	18	1	7	671
12 PM	5	535	115	<b>1</b>	7	<b>26</b>	1	19	11	17	14	2	8	761
13:00	6	507	113	1	9	24	2	21	9	8	31	3	16	750
14:00	9	565	147	1	<b>18</b>	25	0	25	13	6	32	3	16	860
15:00	8	740	<b>173</b>	1	9	19	2	31	15	9	55	1	15	1078
16:00	9	771	171	0	8	22	0	<b>51</b>	16	18	76	<b>7</b>	<b>37</b>	1186
17:00	<b>10</b>	<b>824</b>	163	0	8	13	1	47	<b>25</b>	<b>20</b>	<b>82</b>	4	30	<b>1227</b>
18:00	9	751	146	1	2	11	<b>4</b>	34	13	8	59	0	18	1056
19:00	9	587	102	1	5	7	0	20	9	3	32	0	7	782
20:00	5	453	77	1	2	1	0	5	3	0	14	0	2	563
21:00	1	367	55	0	0	0	0	2	4	0	10	0	1	440
22:00	2	287	42	0	1	1	0	3	2	0	7	0	0	345
23:00	2	259	38	0	1	2	0	2	0	0	5	0	0	309
Day Total	134	10770	2381	13	124	261	19	407	192	165	580	36	254	15336
Percent	0.9%	70.2%	15.5%	0.1%	0.8%	1.7%	0.1%	2.7%	1.3%	1.1%	3.8%	0.2%	1.7%	
AM Peak	08:00	07:00	06:00	06:00	11:00	11:00	11:00	07:00	11:00	04:00	07:00	07:00	06:00	07:00
Vol.	13	799	189	2	13	23	3	35	11	13	39	5	18	1116
PM Peak	17:00	17:00	15:00	12:00	14:00	12:00	18:00	16:00	17:00	17:00	17:00	16:00	16:00	17:00
Vol.	10	824	173	1	18	26	4	51	25	20	82	7	37	1227

**Ontario Traffic, Inc.**  
 17705 Leslie St., Unit 6  
 Newmarket, Ontario L3Y 3E3  
 Tel: (905) 898-7711 Fax: (905) 898-3664

Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/23/17	0	201	25	0	1	1	0	3	1	0	5	0	1	238
01:00	1	95	10	0	1	0	0	0	0	0	1	0	0	108
02:00	2	62	12	0	1	0	0	1	0	2	3	0	1	84
03:00	0	35	8	0	0	2	0	0	3	1	0	0	0	49
04:00	1	53	11	0	0	5	0	1	8	2	6	0	2	89
05:00	3	112	35	0	1	5	0	3	5	6	0	0	0	170
06:00	2	165	68	0	3	4	2	5	0	3	4	0	3	259
07:00	3	258	79	1	5	13	1	12	3	1	5	0	6	387
08:00	6	419	99	1	5	10	1	14	2	5	14	0	9	585
09:00	7	576	104	1	3	7	1	19	9	7	18	2	12	766
10:00	7	582	146	0	4	5	2	41	2	6	34	2	13	844
11:00	10	677	136	0	4	10	0	29	13	1	49	1	8	938
12 PM	6	659	132	0	4	6	1	21	7	4	49	1	12	902
13:00	7	661	127	0	10	10	0	22	6	7	42	0	6	898
14:00	10	599	107	0	3	5	1	17	8	4	24	1	13	792
15:00	7	604	105	0	7	7	1	27	9	6	40	3	8	824
16:00	3	639	115	0	3	7	0	18	9	1	25	2	5	827
17:00	7	587	101	0	6	5	1	14	6	0	32	0	3	762
18:00	5	555	86	0	0	4	1	16	7	2	19	0	6	701
19:00	3	459	71	0	1	1	0	8	3	0	17	0	2	565
20:00	4	358	69	0	1	1	0	4	1	1	17	1	3	460
21:00	3	334	52	0	0	0	0	2	0	1	11	0	2	405
22:00	1	292	30	0	3	0	0	1	1	0	5	0	2	335
23:00	3	253	25	0	1	0	0	2	1	0	6	0	0	291
Day Total	101	9235	1753	3	67	108	12	280	104	60	426	13	117	12279
Percent	0.8%	75.2%	14.3%	0.0%	0.5%	0.9%	0.1%	2.3%	0.8%	0.5%	3.5%	0.1%	1.0%	
AM Peak	11:00	11:00	10:00	07:00	07:00	07:00	06:00	10:00	11:00	09:00	11:00	09:00	10:00	11:00
Vol.	10	677	146	1	5	13	2	41	13	7	49	2	13	938
PM Peak	14:00	13:00	12:00		13:00	13:00	12:00	15:00	15:00	13:00	12:00	15:00	14:00	12:00
Vol.	10	661	132		10	10	1	27	9	7	49	3	13	902

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/24/17	0	215	24	0	<b>3</b>	<b>1</b>	0	2	0	0	2	0	0	247
01:00	2	152	16	0	1	0	0	3	1	0	0	0	1	176
02:00	1	83	9	0	3	0	0	0	2	0	0	0	0	98
03:00	1	47	8	0	1	0	0	0	0	0	0	0	0	57
04:00	0	48	4	0	0	0	0	1	2	0	0	0	0	55
05:00	1	56	15	0	0	0	0	0	1	1	0	0	0	74
06:00	1	98	14	0	0	0	0	0	1	1	0	0	0	115
07:00	1	156	38	0	2	0	0	2	1	1	1	0	2	204
08:00	6	263	69	0	3	0	0	2	0	1	5	0	1	350
09:00	<b>10</b>	404	72	0	0	1	0	9	1	0	8	0	2	507
10:00	7	524	<b>94</b>	0	1	0	0	9	2	1	19	<b>1</b>	2	660
11:00	6	<b>644</b>	79	0	2	0	<b>2</b>	<b>11</b>	<b>3</b>	<b>3</b>	<b>20</b>	1	<b>8</b>	<b>779</b>
12 PM	9	<b>672</b>	95	0	3	1	0	12	1	<b>5</b>	<b>41</b>	<b>2</b>	5	<b>846</b>
13:00	<b>10</b>	616	<b>98</b>	0	2	0	<b>1</b>	<b>18</b>	2	0	30	2	5	784
14:00	7	592	98	0	0	0	0	13	2	1	24	1	2	740
15:00	7	566	86	0	<b>4</b>	0	1	15	<b>5</b>	3	35	0	6	728
16:00	9	530	79	0	2	<b>2</b>	0	15	0	0	20	2	<b>16</b>	675
17:00	5	585	81	0	4	0	0	17	3	2	28	1	5	731
18:00	4	582	78	0	1	1	0	13	1	0	21	0	4	705
19:00	6	563	83	0	1	0	0	13	5	0	24	1	3	699
20:00	7	459	59	0	0	0	0	7	4	0	16	0	3	555
21:00	2	355	58	0	1	0	0	1	3	0	12	0	0	432
22:00	4	253	29	0	0	2	0	1	1	0	5	0	0	295
23:00	1	124	21	0	0	0	0	2	0	0	1	0	1	150
Day Total	107	8587	1307	0	34	8	4	166	41	19	312	11	66	10662
Percent	1.0%	80.5%	12.3%	0.0%	0.3%	0.1%	0.0%	1.6%	0.4%	0.2%	2.9%	0.1%	0.6%	
AM Peak	09:00	11:00	10:00		00:00	00:00	11:00	11:00	11:00	11:00	11:00	10:00	11:00	11:00
Vol.	10	644	94		3	1	2	11	3	3	20	1	8	779
PM Peak	13:00	12:00	13:00		15:00	16:00	13:00	13:00	15:00	12:00	12:00	12:00	16:00	12:00
Vol.	10	672	98		4	2	1	18	5	5	41	2	16	846

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/25/17	0	67	9	0	0	1	0	0	0	0	0	0	0	77
01:00	3	27	5	0	0	0	0	0	1	1	1	0	2	40
02:00	1	19	6	0	0	2	0	0	2	0	0	0	1	31
03:00	0	36	8	0	0	2	1	1	5	7	1	0	0	61
04:00	1	93	21	0	1	5	0	0	9	8	3	0	3	144
05:00	5	346	143	1	1	11	0	5	9	15	7	2	12	557
06:00	6	614	204	1	5	7	2	19	13	3	19	0	16	909
07:00	5	911	185	1	6	21	2	30	5	7	48	5	17	1243
08:00	9	784	143	0	16	32	1	29	9	4	31	2	24	1084
09:00	3	544	106	2	18	17	1	16	16	11	18	2	10	764
10:00	13	426	107	0	9	25	2	20	17	9	17	0	12	657
11:00	8	394	90	0	13	19	3	18	10	10	12	2	13	592
12 PM	3	452	98	0	7	22	0	26	11	8	12	3	10	652
13:00	4	448	122	0	6	24	0	25	8	8	17	2	9	673
14:00	6	484	142	2	5	20	0	24	6	10	19	1	13	732
15:00	12	648	174	1	5	24	2	34	13	8	50	2	14	987
16:00	6	714	196	3	6	36	1	44	17	8	60	4	32	1127
17:00	10	802	164	0	2	23	3	37	26	16	56	5	11	1155
18:00	14	626	130	0	1	13	2	14	7	6	28	3	24	868
19:00	11	546	121	1	4	6	0	23	4	4	26	4	6	756
20:00	3	381	73	0	0	2	1	6	3	0	11	2	2	484
21:00	2	322	57	0	0	0	2	2	5	0	6	0	0	396
22:00	4	214	33	0	1	1	0	1	1	1	0	0	0	256
23:00	2	150	25	0	3	1	0	0	4	0	2	0	0	187
Day Total	131	10048	2362	12	109	314	23	374	201	144	444	39	231	14432
Percent	0.9%	69.6%	16.4%	0.1%	0.8%	2.2%	0.2%	2.6%	1.4%	1.0%	3.1%	0.3%	1.6%	
AM Peak	10:00	07:00	06:00	09:00	09:00	08:00	11:00	07:00	10:00	05:00	07:00	07:00	08:00	07:00
Vol.	13	911	204	2	18	32	3	30	17	15	48	5	24	1243
PM Peak	18:00	17:00	16:00	16:00	12:00	16:00	17:00	16:00	17:00	17:00	16:00	17:00	16:00	17:00
Vol.	14	802	196	3	7	36	3	44	26	16	60	5	32	1155

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Site Code: 3  
 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
 Date Start: 19-Sep-17

NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/26/17	2	70	18	0	1	1	0	0	1	0	1	0	0	94
01:00	1	45	2	0	1	0	0	0	0	1	0	0	0	50
02:00	0	43	6	0	0	0	0	0	0	0	1	0	1	51
03:00	0	27	7	0	0	3	0	0	4	5	2	0	1	49
04:00	1	97	19	0	0	3	0	0	6	11	2	0	4	143
05:00	5	346	132	1	3	15	0	3	15	12	5	0	12	549
06:00	4	635	234	0	5	19	1	25	10	7	23	2	15	980
07:00	8	861	180	1	9	20	1	40	15	8	41	2	27	1213
08:00	5	803	154	0	10	19	0	50	9	9	41	4	25	1129
09:00	4	592	106	1	15	23	2	27	15	11	30	4	16	846
10:00	6	371	107	1	5	34	2	28	11	12	18	3	23	621
11:00	5	402	103	0	16	23	1	22	5	14	16	2	9	618
12 PM	5	429	117	0	7	24	2	37	15	12	18	0	8	674
13:00	8	431	120	1	17	26	2	16	8	4	22	0	8	663
14:00	5	503	151	1	12	30	0	27	7	11	23	3	10	783
15:00	11	651	186	2	10	30	4	25	16	11	46	2	23	1017
16:00	7	586	116	2	9	19	2	40	11	11	45	8	57	913
17:00	12	780	188	1	8	19	1	31	20	11	68	4	35	1178
18:00	11	729	178	1	6	11	0	26	13	7	47	4	15	1048
19:00	7	527	117	1	4	2	0	11	6	6	33	0	4	718
20:00	7	422	49	0	1	0	0	7	1	0	14	0	2	503
21:00	6	343	64	0	0	0	0	7	1	1	4	0	1	427
22:00	7	232	37	0	2	1	0	4	3	0	1	0	2	289
23:00	1	144	23	0	0	0	0	1	4	0	3	0	1	177
Day Total	128	10069	2414	13	141	322	18	427	196	164	504	38	299	14733
Percent	0.9%	68.3%	16.4%	0.1%	1.0%	2.2%	0.1%	2.9%	1.3%	1.1%	3.4%	0.3%	2.0%	
AM Peak	07:00	07:00	06:00	05:00	11:00	10:00	09:00	08:00	05:00	11:00	07:00	08:00	07:00	07:00
Vol.	8	861	234	1	16	34	2	50	15	14	41	4	27	1213
PM Peak	17:00	17:00	17:00	15:00	13:00	14:00	15:00	16:00	17:00	12:00	17:00	16:00	16:00	17:00
Vol.	12	780	188	2	17	30	4	40	20	12	68	8	57	1178

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 Station ID: D110/D9  
 Albion Vaughan Rd between Dovaston Gate  
 & CPR Crossing  
 Date Start: 19-Sep-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/27/17	1	84	16	0	0	0	0	1	0	0	0	0	0	102
01:00	3	46	5	0	1	0	0	0	0	0	0	0	2	57
02:00	1	50	11	0	0	1	0	1	2	1	0	0	1	68
03:00	0	37	8	0	0	2	0	0	5	4	1	0	0	57
04:00	1	83	22	0	0	3	0	0	4	5	0	0	2	120
05:00	3	342	141	1	0	7	2	10	8	5	10	0	11	540
06:00	7	663	217	1	3	19	0	18	11	9	26	0	19	993
07:00	11	823	148	0	9	10	3	45	8	5	33	1	30	1126
08:00	6	788	139	2	9	21	1	36	8	11	38	0	23	1082
09:00	6	541	124	0	16	22	1	20	18	18	29	2	16	813
10:00	2	388	117	0	7	24	1	12	15	10	20	1	12	609
11:00	4	411	103	0	17	17	1	15	9	7	18	2	16	620
12 PM	8	431	99	1	9	22	1	27	8	8	15	1	7	637
13:00	11	405	102	0	11	27	1	15	17	7	24	0	15	635
14:00	4	465	135	1	13	20	1	35	21	8	19	5	10	737
15:00	9	687	179	0	2	22	1	32	12	7	43	2	13	1009
16:00	14	749	227	0	15	24	2	33	18	10	47	6	21	1166
17:00	9	871	199	0	8	9	0	24	13	7	33	0	13	1186
18:00	9	745	187	1	5	6	0	34	13	8	45	2	6	1061
19:00	10	577	104	0	3	1	2	14	9	5	24	0	7	756
20:00	4	410	67	0	0	1	1	4	3	1	12	0	3	506
21:00	3	314	63	0	2	0	0	8	2	1	6	0	1	400
22:00	5	263	41	0	1	1	1	3	3	0	3	0	1	322
23:00	4	138	31	0	0	1	0	0	1	0	3	0	1	179
Day Total	135	10311	2485	7	131	260	19	387	208	137	449	22	230	14781
Percent	0.9%	69.8%	16.8%	0.0%	0.9%	1.8%	0.1%	2.6%	1.4%	0.9%	3.0%	0.1%	1.6%	
AM Peak	07:00	07:00	06:00	08:00	11:00	10:00	07:00	07:00	09:00	09:00	08:00	09:00	07:00	07:00
Vol.	11	823	217	2	17	24	3	45	18	18	38	2	30	1126
PM Peak	16:00	17:00	16:00	12:00	16:00	13:00	16:00	14:00	14:00	16:00	16:00	16:00	16:00	17:00
Vol.	14	871	227	1	15	27	2	35	21	10	47	6	21	1186

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 Albion Vaughan Rd between Dovaston Gate  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/28/17	5	85	13	0	0	0	0	0	1	0	0	0	0	104
01:00	1	52	8	0	0	1	0	0	1	0	0	0	1	64
02:00	2	32	2	0	0	2	0	0	2	1	1	0	2	44
03:00	0	32	6	0	0	1	0	0	3	1	2	0	3	48
04:00	0	97	25	0	1	4	0	3	5	7	5	0	4	151
05:00	2	348	152	1	3	8	0	4	5	6	4	0	6	539
06:00	4	638	<b>217</b>	1	8	<b>24</b>	2	12	5	6	25	3	12	957
07:00	2	776	166	<b>2</b>	8	13	1	37	7	7	27	<b>5</b>	<b>28</b>	1079
08:00	<b>7</b>	<b>824</b>	144	0	<b>22</b>	16	0	<b>40</b>	13	<b>19</b>	<b>39</b>	3	28	<b>1155</b>
09:00	6	591	129	2	4	17	<b>4</b>	17	<b>23</b>	12	24	1	21	851
10:00	5	472	121	1	17	17	0	15	15	13	18	1	12	707
11:00	2	431	110	0	11	18	2	16	9	8	18	4	14	643
12 PM	6	436	106	0	16	13	1	11	16	10	15	3	10	643
13:00	6	434	119	1	13	20	0	13	3	6	17	1	7	640
14:00	3	500	140	<b>6</b>	<b>18</b>	10	0	28	7	7	25	0	11	755
15:00	7	586	162	2	12	16	1	26	13	4	32	3	20	884
16:00	8	809	194	0	10	<b>23</b>	<b>4</b>	33	17	11	52	3	<b>32</b>	1196
17:00	<b>14</b>	<b>815</b>	<b>207</b>	1	7	17	1	<b>34</b>	<b>18</b>	<b>12</b>	53	<b>5</b>	25	<b>1209</b>
18:00	12	761	174	2	2	11	1	31	12	9	<b>55</b>	2	16	1088
19:00	9	568	128	1	1	3	2	12	2	6	32	0	6	770
20:00	10	452	98	0	0	2	0	7	4	1	10	0	2	586
21:00	9	339	45	0	1	0	1	4	5	2	8	0	0	414
22:00	6	260	45	0	0	1	0	3	1	2	2	0	2	322
23:00	2	154	33	0	0	0	0	0	1	0	2	1	1	194
Day Total	128	10492	2544	20	154	237	20	346	188	150	466	35	263	15043
Percent	0.9%	69.7%	16.9%	0.1%	1.0%	1.6%	0.1%	2.3%	1.2%	1.0%	3.1%	0.2%	1.7%	
AM Peak	08:00	08:00	06:00	07:00	08:00	06:00	09:00	08:00	09:00	08:00	08:00	07:00	07:00	08:00
Vol.	7	824	217	2	22	24	4	40	23	19	39	5	28	1155
PM Peak	17:00	17:00	17:00	14:00	14:00	16:00	16:00	17:00	17:00	17:00	18:00	17:00	16:00	17:00
Vol.	14	815	207	6	18	23	4	34	18	12	55	5	32	1209

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 & CPR Crossing  
 Date Start: 19-Sep-17  
 Date End: 02-Oct-17  
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NB, SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/29/17	5	109	25	0	0	0	0	1	3	2	0	0	0	145
01:00	3	46	5	0	0	2	0	0	0	0	1	0	0	57
02:00	2	43	12	0	1	0	0	0	0	2	1	0	0	61
03:00	2	38	8	0	0	1	0	0	2	1	0	0	1	53
04:00	3	83	19	0	0	8	0	1	6	7	2	0	8	137
05:00	5	345	123	0	4	12	1	5	5	5	6	1	13	525
06:00	5	597	<b>195</b>	0	7	16	<b>2</b>	10	7	4	22	3	<b>24</b>	892
07:00	5	<b>790</b>	171	<b>3</b>	11	8	1	26	6	7	<b>35</b>	1	16	<b>1080</b>
08:00	3	735	140	0	11	7	0	<b>27</b>	8	<b>13</b>	30	2	13	989
09:00	<b>10</b>	483	114	0	9	16	1	15	<b>14</b>	6	24	1	18	711
10:00	10	502	121	2	<b>16</b>	11	1	17	5	2	19	<b>4</b>	6	716
11:00	8	459	143	1	10	<b>22</b>	0	22	11	6	28	0	13	723
12 PM	<b>9</b>	486	117	1	<b>15</b>	15	2	19	11	10	29	1	11	726
13:00	3	483	135	1	9	18	<b>5</b>	32	13	9	38	2	11	759
14:00	5	586	150	<b>2</b>	9	<b>25</b>	1	26	13	<b>23</b>	51	3	18	912
15:00	4	707	201	0	15	19	2	35	<b>20</b>	11	62	3	16	1095
16:00	9	790	<b>212</b>	1	9	18	2	<b>38</b>	16	10	63	1	<b>19</b>	1188
17:00	4	<b>884</b>	209	0	5	11	0	37	18	13	<b>71</b>	2	8	<b>1262</b>
18:00	6	791	149	1	7	14	2	27	15	5	35	<b>4</b>	5	1061
19:00	4	638	117	1	3	8	2	28	7	1	22	2	1	834
20:00	6	470	77	0	3	4	1	15	4	3	13	0	2	598
21:00	1	373	54	0	2	1	0	10	2	1	7	1	2	454
22:00	4	267	45	0	1	1	0	5	2	2	7	0	1	335
23:00	1	283	36	0	1	1	0	6	2	0	3	0	2	335
Day Total	117	10988	2578	13	148	238	23	402	190	143	569	31	208	15648
Percent	0.7%	70.2%	16.5%	0.1%	0.9%	1.5%	0.1%	2.6%	1.2%	0.9%	3.6%	0.2%	1.3%	
AM Peak	09:00	07:00	06:00	07:00	10:00	11:00	06:00	08:00	09:00	08:00	07:00	10:00	06:00	07:00
Vol.	10	790	195	3	16	22	2	27	14	13	35	4	24	1080
PM Peak	12:00	17:00	16:00	14:00	12:00	14:00	13:00	16:00	15:00	14:00	17:00	18:00	16:00	17:00
Vol.	9	884	212	2	15	25	5	38	20	23	71	4	19	1262

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09/30/17	0	217	15	0	0	1	1	5	0	0	2	0	2	243
01:00	0	107	13	0	1	1	0	3	0	0	0	0	1	126
02:00	1	57	11	0	1	0	0	1	0	1	2	0	1	75
03:00	0	35	10	0	1	0	0	0	1	0	4	0	0	51
04:00	1	71	17	0	0	0	0	0	2	1	2	0	0	94
05:00	0	103	42	0	2	2	0	1	4	3	3	0	1	161
06:00	2	145	64	1	5	5	0	3	1	0	6	0	0	232
07:00	3	264	82	0	2	3	1	9	9	2	15	1	5	396
08:00	3	403	100	3	5	3	0	12	6	2	21	2	7	567
09:00	5	481	152	0	9	10	2	22	3	1	34	1	4	724
10:00	11	545	167	1	6	10	0	40	6	5	50	0	11	852
11:00	6	701	143	1	9	6	2	28	5	6	56	3	7	973
12 PM	8	674	142	0	8	7	0	27	4	8	41	1	19	939
13:00	10	649	124	1	12	6	3	19	11	5	37	3	15	895
14:00	8	601	116	1	10	7	2	24	4	5	39	1	15	833
15:00	7	629	129	0	4	9	0	21	11	1	34	3	11	859
16:00	7	597	128	0	5	6	0	17	8	5	25	0	8	806
17:00	4	624	107	0	6	5	1	19	5	3	25	0	7	806
18:00	6	523	98	1	3	3	2	12	6	2	29	1	1	687
19:00	1	467	85	0	2	3	0	7	5	2	17	0	3	592
20:00	2	409	63	0	1	4	0	3	1	1	15	1	1	501
21:00	4	359	46	1	0	3	0	1	2	2	13	0	4	435
22:00	1	330	37	0	2	0	0	0	2	0	6	0	1	379
23:00	1	268	22	0	5	0	0	1	1	0	1	0	0	299
Day Total	91	9259	1913	10	99	94	14	275	97	55	477	17	124	12525
Percent	0.7%	73.9%	15.3%	0.1%	0.8%	0.8%	0.1%	2.2%	0.8%	0.4%	3.8%	0.1%	1.0%	
AM Peak	10:00	11:00	10:00	08:00	09:00	09:00	09:00	10:00	07:00	11:00	11:00	11:00	10:00	11:00
Vol.	11	701	167	3	9	10	2	40	9	6	56	3	11	973
PM Peak	13:00	12:00	12:00	13:00	13:00	15:00	13:00	12:00	13:00	12:00	12:00	13:00	12:00	12:00
Vol.	10	674	142	1	12	9	3	27	11	8	41	3	19	939

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10/01/17	1	225	17	0	0	1	0	1	1	0	2	0	0	248
01:00	0	177	19	0	0	0	0	0	0	0	0	0	0	196
02:00	0	107	13	0	0	0	0	0	0	0	0	0	0	120
03:00	0	53	10	1	0	0	0	0	0	0	0	0	1	65
04:00	0	50	7	0	0	0	0	0	0	0	1	0	0	58
05:00	1	40	12	0	0	0	0	1	1	0	1	0	0	56
06:00	2	112	20	0	1	0	0	0	1	0	0	0	0	136
07:00	4	165	35	0	2	0	1	2	1	1	3	0	1	215
08:00	2	325	55	0	2	0	1	5	1	0	9	0	2	402
09:00	5	419	72	2	4	0	0	3	1	1	11	1	2	521
10:00	7	600	88	0	4	1	1	9	3	0	16	0	3	732
11:00	11	664	85	0	7	1	1	9	3	0	23	2	2	808
12 PM	5	708	90	0	2	1	2	12	4	2	27	1	5	859
13:00	8	650	111	0	1	0	0	10	2	2	23	3	3	813
14:00	7	562	120	1	1	0	0	13	4	4	36	1	7	756
15:00	6	579	109	0	1	1	1	21	2	3	31	1	5	760
16:00	11	549	108	0	7	0	0	13	2	0	27	2	6	725
17:00	6	561	104	0	4	1	0	16	3	3	18	3	5	724
18:00	3	578	89	0	3	1	0	8	5	0	16	0	2	705
19:00	6	567	79	0	1	1	0	10	3	1	17	2	5	692
20:00	3	510	62	1	2	0	0	2	0	0	7	0	1	588
21:00	5	438	45	0	0	1	0	1	1	1	1	0	1	494
22:00	2	272	32	0	0	0	0	0	0	0	0	0	1	307
23:00	2	131	16	0	0	0	0	1	0	0	0	0	0	150
Day Total	97	9042	1398	5	42	9	7	137	38	18	269	16	52	11130
Percent	0.9%	81.2%	12.6%	0.0%	0.4%	0.1%	0.1%	1.2%	0.3%	0.2%	2.4%	0.1%	0.5%	
AM Peak	11:00	11:00	10:00	09:00	11:00	00:00	07:00	10:00	10:00	07:00	11:00	11:00	10:00	11:00
Vol.	11	664	88	2	7	1	1	9	3	1	23	2	3	808
PM Peak	16:00	12:00	14:00	14:00	16:00	12:00	12:00	15:00	18:00	14:00	14:00	13:00	14:00	12:00
Vol.	11	708	120	1	7	1	2	21	5	4	36	3	7	859

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10/02/17	2	70	11	0	0	0	0	2	1	0	1	0	1	88
01:00	0	40	11	0	0	0	0	0	0	0	1	0	0	52
02:00	0	30	8	0	0	0	0	0	0	0	0	0	0	38
03:00	1	50	8	0	1	1	0	0	2	0	2	0	2	67
04:00	1	123	32	0	1	2	0	2	2	0	12	2	2	179
05:00	3	354	160	0	2	7	2	9	2	3	10	3	11	566
06:00	5	597	218	2	8	13	2	18	7	1	21	0	10	902
07:00	6	930	180	1	13	17	2	21	11	3	29	2	20	1235
08:00	11	811	159	0	10	17	1	19	16	7	17	3	14	1085
09:00	8	543	134	1	12	10	1	21	12	7	19	2	12	782
10:00	6	462	126	0	11	12	0	21	5	9	24	0	11	687
11:00	5	427	110	0	5	15	1	16	11	7	16	1	12	626
12 PM	2	461	92	0	7	16	2	16	12	4	19	2	10	643
13:00	5	440	112	1	9	17	2	19	11	6	14	0	8	644
14:00	7	481	150	2	8	17	0	26	12	15	22	1	9	750
15:00	6	673	165	0	9	24	2	29	10	17	30	2	14	981
16:00	8	750	192	3	4	31	0	35	19	17	45	5	25	1134
17:00	6	937	198	0	4	19	0	48	18	11	73	6	25	1345
18:00	2	680	167	1	1	10	1	23	5	10	38	1	14	953
19:00	5	505	120	1	3	5	0	12	5	2	27	1	4	690
20:00	4	408	60	0	2	4	0	3	6	1	7	0	1	496
21:00	2	300	44	0	0	1	0	2	2	0	5	0	1	357
22:00	0	189	31	0	0	0	0	2	2	0	3	0	3	230
23:00	1	116	28	0	0	1	0	0	1	0	0	0	1	148
Day Total	96	10377	2516	12	110	239	16	344	172	120	435	31	210	14678
Percent	0.7%	70.7%	17.1%	0.1%	0.7%	1.6%	0.1%	2.3%	1.2%	0.8%	3.0%	0.2%	1.4%	
AM Peak	08:00	07:00	06:00	06:00	07:00	07:00	05:00	07:00	08:00	10:00	07:00	05:00	07:00	07:00
Vol.	11	930	218	2	13	17	2	21	16	9	29	3	20	1235
PM Peak	16:00	17:00	17:00	16:00	13:00	16:00	12:00	17:00	16:00	15:00	17:00	17:00	16:00	17:00
Vol.	8	937	198	3	9	31	2	48	19	17	73	6	25	1345
Grand Total	1538	139779	30967	141	1532	2770	227	4663	2118	1640	6374	390	2698	194837
Percent	0.8%	71.7%	15.9%	0.1%	0.8%	1.4%	0.1%	2.4%	1.1%	0.8%	3.3%	0.2%	1.4%	

# **APPENDIX B**

## **WEATHER DATA**

Station Name TORONTO INTL A  
 Province ONTARIO  
 Latitude 43.68  
 Longitude -79.63  
 Elevation 173.4  
 Climate Identifier 6158731  
 WMO Identifier 71624  
 TC Identifier YYZ

All times are specified in Local Standard Time (LST). Add 1 hour to adjust for Daylight Saving Time where and when it is observed.

#### Legend

E Estimated  
 M Missing  
 NA Not Available  
 ‡ Partner data that is not subject to review by the National Climate Archives

Date/Time	Year	Month	Day	Time	Data Qualit	Temp (°C)	Dew Point	Wind Dir (1	Wind Spd (	Visibility (k	Stn Press (h	Weather
2017-09-18 0:00	2017	9	18	0:00	‡	19.2	18	14	4	24.1	99.77	NA
2017-09-18 1:00	2017	9	18	1:00	‡	19.2	18.1	36	1	19.3	99.77	Clear
2017-09-18 2:00	2017	9	18	2:00	‡	18.4	17.5	0	1	16.1	99.73	NA
2017-09-18 3:00	2017	9	18	3:00	‡	17.7	16.5	2	4	16.1	99.71	NA
2017-09-18 4:00	2017	9	18	4:00	‡	17.3	15.8	5	3	16.1	99.71	Mainly Clear
2017-09-18 5:00	2017	9	18	5:00	‡	17.6	16.2	11	3	16.1	99.73	NA
2017-09-18 6:00	2017	9	18	6:00	‡	17.3	15.9	2	7	6.4	99.75	Fog
2017-09-18 7:00	2017	9	18	7:00	‡	17.5	16	36	1	6.4	99.79	Fog
2017-09-18 8:00	2017	9	18	8:00	‡	20.5	18.5	16	4	9.7	99.77	Fog
2017-09-18 9:00	2017	9	18	9:00	‡	22.6	18.6	13	8	12.9	99.77	NA
2017-09-18 10:00	2017	9	18	10:00	‡	23.7	18.5	17	9	16.1	99.77	Mostly Cloudy
2017-09-18 11:00	2017	9	18	11:00	‡	24	18.7	14	15	16.1	99.78	NA
2017-09-18 12:00	2017	9	18	12:00	‡	24.4	18.2	15	12	19.3	99.75	NA
2017-09-18 13:00	2017	9	18	13:00	‡	24.8	18.2	14	15	19.3	99.7	Mostly Cloudy
2017-09-18 14:00	2017	9	18	14:00	‡	25.6	19.2	16	12	19.3	99.66	NA
2017-09-18 15:00	2017	9	18	15:00	‡	27.3	18.6	18	13	24.1	99.62	NA
2017-09-18 16:00	2017	9	18	16:00	‡	26.5	18.6	15	16	24.1	99.61	Mostly Cloudy
2017-09-18 17:00	2017	9	18	17:00	‡	24.9	18.3	15	14	24.1	99.59	NA
2017-09-18 18:00	2017	9	18	18:00	‡	23	17.6	31	5	24.1	99.63	NA
2017-09-18 19:00	2017	9	18	19:00	‡	21.6	18.5	35	17	24.1	99.65	Mostly Cloudy
2017-09-18 20:00	2017	9	18	20:00	‡	21.4	18.4	36	18	24.1	99.68	NA
2017-09-18 21:00	2017	9	18	21:00	‡	21.1	18.4	1	12	24.1	99.67	NA
2017-09-18 22:00	2017	9	18	22:00	‡	20.6	18.4	2	13	24.1	99.67	Mostly Cloudy
2017-09-18 23:00	2017	9	18	23:00	‡	20.1	18.3	35	14	24.1	99.68	NA
2017-09-19 0:00	2017	9	19	0:00	‡	19.9	18.1	36	10	24.1	99.67	NA

2017-09-19 1:00	2017	9	19	1:00 ‡	19.5	18	2	8	24.1	99.62 Mostly Cloudy
2017-09-19 2:00	2017	9	19	2:00 ‡	19.3	17.9	35	13	24.1	99.59 NA
2017-09-19 3:00	2017	9	19	3:00 ‡	19.1	17.9	34	16	24.1	99.59 NA
2017-09-19 4:00	2017	9	19	4:00 ‡	18.9	17.8	1	9	24.1	99.61 Mostly Cloudy
2017-09-19 5:00	2017	9	19	5:00 ‡	18.6	17.6	36	11	24.1	99.6 NA
2017-09-19 6:00	2017	9	19	6:00 ‡	19	18	36	15	9.7	99.6 Fog
2017-09-19 7:00	2017	9	19	7:00 ‡	19.6	18.4	36	16	9.7	99.63 Fog
2017-09-19 8:00	2017	9	19	8:00 ‡	20.7	18.6	36	10	9.7	99.66 Fog
2017-09-19 9:00	2017	9	19	9:00 ‡	22	19.1	1	5	12.9	99.66 NA
2017-09-19 10:00	2017	9	19	10:00 ‡	24.2	19.1	5	5	16.1	99.66 Mostly Cloudy
2017-09-19 11:00	2017	9	19	11:00 ‡	24.6	18.9	36	2	16.1	99.66 NA
2017-09-19 12:00	2017	9	19	12:00 ‡	25.9	19.6	13	10	16.1	99.61 NA
2017-09-19 13:00	2017	9	19	13:00 ‡	25.7	18.5	14	8	16.1	99.56 Mostly Cloudy
2017-09-19 14:00	2017	9	19	14:00 ‡	26.8	18.5	15	12	24.1	99.5 NA
2017-09-19 15:00	2017	9	19	15:00 ‡	25.9	18.9	13	14	24.1	99.47 NA
2017-09-19 16:00	2017	9	19	16:00 ‡	25.5	18.3	12	15	24.1	99.44 Mostly Cloudy
2017-09-19 17:00	2017	9	19	17:00 ‡	24.5	17.8	15	11	24.1	99.48 NA
2017-09-19 18:00	2017	9	19	18:00 ‡	23.5	18.1	10	9	24.1	99.49 NA
2017-09-19 19:00	2017	9	19	19:00 ‡	23.3	18.5	8	9	24.1	99.52 Mostly Cloudy
2017-09-19 20:00	2017	9	19	20:00 ‡	23.1	19	6	9	24.1	99.56 NA
2017-09-19 21:00	2017	9	19	21:00 ‡	22.1	18.2	9	12	24.1	99.56 NA
2017-09-19 22:00	2017	9	19	22:00 ‡	21.3	18	9	6	24.1	99.55 Mostly Cloudy
2017-09-19 23:00	2017	9	19	23:00 ‡	20.6	17.7	4	10	24.1	99.53 NA
2017-09-20 0:00	2017	9	20	0:00 ‡	20.2	17.4	4	8	24.1	99.55 NA
2017-09-20 1:00	2017	9	20	1:00 ‡	20.3	17.4	4	5	24.1	99.56 Mainly Clear
2017-09-20 2:00	2017	9	20	2:00 ‡	19.5	17	5	8	24.1	99.54 NA
2017-09-20 3:00	2017	9	20	3:00 ‡	19	16.9	6	5	24.1	99.54 NA
2017-09-20 4:00	2017	9	20	4:00 ‡	18.6	16.4	4	7	24.1	99.57 Clear
2017-09-20 5:00	2017	9	20	5:00 ‡	18.6	16.5	1	6	24.1	99.59 NA
2017-09-20 6:00	2017	9	20	6:00 ‡	18.2	16.4	4	6	16.1	99.59 NA
2017-09-20 7:00	2017	9	20	7:00 ‡	19.1	18	7	10	9.7	99.66 Fog
2017-09-20 8:00	2017	9	20	8:00 ‡	19.4	18.1	6	8	9.7	99.72 Fog
2017-09-20 9:00	2017	9	20	9:00 ‡	20.6	18.1	3	4	12.9	99.74 NA
2017-09-20 10:00	2017	9	20	10:00 ‡	22.6	18.6	10	5	12.9	99.7 Mostly Cloudy
2017-09-20 11:00	2017	9	20	11:00 ‡	24.3	18.1	1	6	16.1	99.69 NA
2017-09-20 12:00	2017	9	20	12:00 ‡	25	18.9	14	15	19.3	99.67 NA
2017-09-20 13:00	2017	9	20	13:00 ‡	25.1	19	16	14	19.3	99.65 Mainly Clear
2017-09-20 14:00	2017	9	20	14:00 ‡	24.7	18	15	21	24.1	99.58 NA
2017-09-20 15:00	2017	9	20	15:00 ‡	24.3	19	13	15	24.1	99.59 NA
2017-09-20 16:00	2017	9	20	16:00 ‡	24	18.8	12	12	24.1	99.59 Clear
2017-09-20 17:00	2017	9	20	17:00 ‡	24.1	17.2	10	12	24.1	99.62 NA
2017-09-20 18:00	2017	9	20	18:00 ‡	23.4	16.8	12	9	24.1	99.61 NA

2017-09-20 19:00	2017	9	20	19:00 ‡	22.9	16.6	10	5	24.1	99.65	Mainly Clear
2017-09-20 20:00	2017	9	20	20:00 ‡	22.1	16.3	10	8	24.1	99.63	NA
2017-09-20 21:00	2017	9	20	21:00 ‡	21.8	15.3	10	7	24.1	99.64	NA
2017-09-20 22:00	2017	9	20	22:00 ‡	21.8	15.3	16	6	24.1	99.67	Clear
2017-09-20 23:00	2017	9	20	23:00 ‡	20.6	15.4	10	6	24.1	99.69	NA
2017-09-21 0:00	2017	9	21	0:00 ‡	19.6	15.5	13	6	24.1	99.69	NA
2017-09-21 1:00	2017	9	21	1:00 ‡	19.5	16.1	31	6	24.1	99.77	Clear
2017-09-21 2:00	2017	9	21	2:00 ‡	17.6	14.8	33	6	24.1	99.81	NA
2017-09-21 3:00	2017	9	21	3:00 ‡	18.1	15.4	9	5	24.1	99.85	NA
2017-09-21 4:00	2017	9	21	4:00 ‡	17.6	15.1	36	5	24.1	99.86	Clear
2017-09-21 5:00	2017	9	21	5:00 ‡	17.8	15.2	3	6	19.3	99.85	NA
2017-09-21 6:00	2017	9	21	6:00 ‡	17.3	14.7	5	5	24.1	99.9	NA
2017-09-21 7:00	2017	9	21	7:00 ‡	18.1	15.5	8	5	24.1	99.88	Clear
2017-09-21 8:00	2017	9	21	8:00 ‡	20.9	16.6	29	7	24.1	99.93	NA
2017-09-21 9:00	2017	9	21	9:00 ‡	23.4	17.8	15	6	24.1	99.96	NA
2017-09-21 10:00	2017	9	21	10:00 ‡	24.8	17.8	15	10	24.1	99.95	Clear
2017-09-21 11:00	2017	9	21	11:00 ‡	25.3	16.6	14	16	24.1	99.95	NA
2017-09-21 12:00	2017	9	21	12:00 ‡	25.7	16.6	11	18	24.1	99.91	NA
2017-09-21 13:00	2017	9	21	13:00 ‡	25.9	17	14	17	24.1	99.91	Clear
2017-09-21 14:00	2017	9	21	14:00 ‡	26.5	16.5	14	12	24.1	99.91	NA
2017-09-21 15:00	2017	9	21	15:00 ‡	26.9	16.1	13	10	24.1	99.87	NA
2017-09-21 16:00	2017	9	21	16:00 ‡	26.5	15.2	10	13	24.1	99.86	Clear
2017-09-21 17:00	2017	9	21	17:00 ‡	25.8	15.2	12	11	24.1	99.87	NA
2017-09-21 18:00	2017	9	21	18:00 ‡	24.7	15.9	14	9	24.1	99.85	NA
2017-09-21 19:00	2017	9	21	19:00 ‡	23.1	15.8	9	8	24.1	99.89	Clear
2017-09-21 20:00	2017	9	21	20:00 ‡	22.3	15.9	10	5	24.1	99.92	NA
2017-09-21 21:00	2017	9	21	21:00 ‡	21.9	15.9	18	6	24.1	99.96	NA
2017-09-21 22:00	2017	9	21	22:00 ‡	21.4	16.5	14	6	24.1	99.96	Clear
2017-09-21 23:00	2017	9	21	23:00 ‡	20.8	16.4	35	3	24.1	99.95	NA
2017-09-22 0:00	2017	9	22	0:00 ‡	20.9	16.4	36	1	24.1	99.93	NA
2017-09-22 1:00	2017	9	22	1:00 ‡	19.8	15.8	5	5	24.1	99.94	Clear
2017-09-22 2:00	2017	9	22	2:00 ‡	19.4	16	1	6	24.1	99.95	NA
2017-09-22 3:00	2017	9	22	3:00 ‡	18.8	15.7	5	4	24.1	99.92	NA
2017-09-22 4:00	2017	9	22	4:00 ‡	17.4	15	32	3	24.1	99.96	Clear
2017-09-22 5:00	2017	9	22	5:00 ‡	16.9	14.8	31	5	24.1	100	NA
2017-09-22 6:00	2017	9	22	6:00 ‡	17.8	15.3	4	7	24.1	100.04	NA
2017-09-22 7:00	2017	9	22	7:00 ‡	18.1	15.6	36	2	24.1	100.05	Mainly Clear
2017-09-22 8:00	2017	9	22	8:00 ‡	21.2	16.5	36	2	24.1	100.06	NA
2017-09-22 9:00	2017	9	22	9:00 ‡	23.7	16	19	6	24.1	100.06	NA
2017-09-22 10:00	2017	9	22	10:00 ‡	25	16.4	9	7	24.1	100.05	Mainly Clear
2017-09-22 11:00	2017	9	22	11:00 ‡	25.8	15.8	15	12	24.1	100.04	NA
2017-09-22 12:00	2017	9	22	12:00 ‡	27	13.9	13	12	24.1	100.02	NA

2017-09-22 13:00	2017	9	22	13:00 ‡	26.5	14.8	13	13	24.1	99.99 Mostly Cloudy
2017-09-22 14:00	2017	9	22	14:00 ‡	26.5	14.4	11	17	24.1	99.94 NA
2017-09-22 15:00	2017	9	22	15:00 ‡	25.8	11.9	14	14	24.1	99.9 NA
2017-09-22 16:00	2017	9	22	16:00 ‡	26	11.6	16	9	24.1	99.84 Mainly Clear
2017-09-22 17:00	2017	9	22	17:00 ‡	24.6	11	15	11	24.1	99.84 NA
2017-09-22 18:00	2017	9	22	18:00 ‡	23.3	11.8	17	6	24.1	99.87 NA
2017-09-22 19:00	2017	9	22	19:00 ‡	22.6	11.4	15	6	24.1	99.83 Mainly Clear
2017-09-22 20:00	2017	9	22	20:00 ‡	22.1	11.3	17	3	24.1	99.82 NA
2017-09-22 21:00	2017	9	22	21:00 ‡	21.8	9.7	17	4	24.1	99.83 NA
2017-09-22 22:00	2017	9	22	22:00 ‡	22.2	9	32	3	24.1	99.91 Mainly Clear
2017-09-22 23:00	2017	9	22	23:00 ‡	20.6	9.8	28	8	24.1	99.84 NA
2017-09-23 0:00	2017	9	23	0:00 ‡	20.1	11.7	30	8	24.1	99.83 NA
2017-09-23 1:00	2017	9	23	1:00 ‡	19.6	11.8	24	4	24.1	99.81 Clear
2017-09-23 2:00	2017	9	23	2:00 ‡	20.1	10.8	18	5	24.1	99.72 NA
2017-09-23 3:00	2017	9	23	3:00 ‡	18.8	10.8	26	5	24.1	99.75 NA
2017-09-23 4:00	2017	9	23	4:00 ‡	17.8	11	24	4	24.1	99.76 Clear
2017-09-23 5:00	2017	9	23	5:00 ‡	18.5	11	26	5	24.1	99.81 NA
2017-09-23 6:00	2017	9	23	6:00 ‡	17.9	12.2	36	1	24.1	99.88 NA
2017-09-23 7:00	2017	9	23	7:00 ‡	19.4	13.4	23	4	24.1	99.92 Mainly Clear
2017-09-23 8:00	2017	9	23	8:00 ‡	23.6	15.2	26	7	24.1	99.96 NA
2017-09-23 9:00	2017	9	23	9:00 ‡	25.8	15.4	25	12	24.1	99.97 NA
2017-09-23 10:00	2017	9	23	10:00 ‡	28	15.5	27	5	24.1	99.97 Mainly Clear
2017-09-23 11:00	2017	9	23	11:00 ‡	30.8	14.1	29	9	24.1	99.96 NA
2017-09-23 12:00	2017	9	23	12:00 ‡	31.4	14.6	33	5	24.1	99.94 NA
2017-09-23 13:00	2017	9	23	13:00 ‡	31.2	16.7	10	5	24.1	99.89 Mainly Clear
2017-09-23 14:00	2017	9	23	14:00 ‡	32.5	17.4	31	11	24.1	99.85 NA
2017-09-23 15:00	2017	9	23	15:00 ‡	32.5	17.7	32	12	24.1	99.79 NA
2017-09-23 16:00	2017	9	23	16:00 ‡	31.4	17.6	17	11	24.1	99.76 Mainly Clear
2017-09-23 17:00	2017	9	23	17:00 ‡	30.2	17.6	15	14	24.1	99.76 NA
2017-09-23 18:00	2017	9	23	18:00 ‡	29.6	17.6	14	8	24.1	99.77 NA
2017-09-23 19:00	2017	9	23	19:00 ‡	28.4	17.8	17	3	24.1	99.79 Clear
2017-09-23 20:00	2017	9	23	20:00 ‡	27.7	18.2	34	4	24.1	99.81 NA
2017-09-23 21:00	2017	9	23	21:00 ‡	26.2	18.6	30	10	24.1	99.82 NA
2017-09-23 22:00	2017	9	23	22:00 ‡	25.3	18.8	32	14	24.1	99.85 Clear
2017-09-23 23:00	2017	9	23	23:00 ‡	24.9	19.3	33	9	24.1	99.85 NA
2017-09-24 0:00	2017	9	24	0:00 ‡	23.1	18.8	31	4	24.1	99.86 NA
2017-09-24 1:00	2017	9	24	1:00 ‡	22.9	18.8	30	4	24.1	99.88 Clear
2017-09-24 2:00	2017	9	24	2:00 ‡	22.6	18.9	27	5	24.1	99.91 NA
2017-09-24 3:00	2017	9	24	3:00 ‡	21.9	18.3	32	8	24.1	99.93 NA
2017-09-24 4:00	2017	9	24	4:00 ‡	21	18	2	7	24.1	99.95 Clear
2017-09-24 5:00	2017	9	24	5:00 ‡	19.7	17.1	28	8	24.1	99.98 NA
2017-09-24 6:00	2017	9	24	6:00 ‡	21.5	18	33	9	24.1	100.02 NA

2017-09-24 7:00	2017	9	24	7:00 ‡	21.3	18.5	31	4	24.1	100.05	Clear
2017-09-24 8:00	2017	9	24	8:00 ‡	24.7	19.4	36	2	24.1	100.09	NA
2017-09-24 9:00	2017	9	24	9:00 ‡	27	19.4	4	4	24.1	100.09	NA
2017-09-24 10:00	2017	9	24	10:00 ‡	29.4	18.9	35	5	24.1	100.06	Clear
2017-09-24 11:00	2017	9	24	11:00 ‡	30.9	19.2	10	4	24.1	100.04	NA
2017-09-24 12:00	2017	9	24	12:00 ‡	32.1	18.6	30	5	24.1	99.99	NA
2017-09-24 13:00	2017	9	24	13:00 ‡	32.4	17.9	36	7	24.1	99.93	Mainly Clear
2017-09-24 14:00	2017	9	24	14:00 ‡	33.3	18.9	25	8	24.1	99.88	NA
2017-09-24 15:00	2017	9	24	15:00 ‡	33.1	18.8	16	13	24.1	99.84	NA
2017-09-24 16:00	2017	9	24	16:00 ‡	32.3	18.5	14	13	24.1	99.8	Mainly Clear
2017-09-24 17:00	2017	9	24	17:00 ‡	31.3	18.4	16	9	24.1	99.79	NA
2017-09-24 18:00	2017	9	24	18:00 ‡	30	18.4	15	10	24.1	99.79	NA
2017-09-24 19:00	2017	9	24	19:00 ‡	28.8	18.4	12	7	24.1	99.8	Clear
2017-09-24 20:00	2017	9	24	20:00 ‡	27.6	18.6	17	8	24.1	99.83	NA
2017-09-24 21:00	2017	9	24	21:00 ‡	26.8	18.7	15	7	24.1	99.85	NA
2017-09-24 22:00	2017	9	24	22:00 ‡	26.2	18.8	14	3	24.1	99.86	Clear
2017-09-24 23:00	2017	9	24	23:00 ‡	24.9	18.4	26	4	24.1	99.85	NA
2017-09-25 0:00	2017	9	25	0:00 ‡	24.1	18.2	28	4	24.1	99.83	NA
2017-09-25 1:00	2017	9	25	1:00 ‡	23.7	17.9	32	9	24.1	99.82	Clear
2017-09-25 2:00	2017	9	25	2:00 ‡	22.5	18.2	34	8	24.1	99.8	NA
2017-09-25 3:00	2017	9	25	3:00 ‡	21.4	17.7	32	9	24.1	99.78	NA
2017-09-25 4:00	2017	9	25	4:00 ‡	20.8	17.4	32	10	24.1	99.78	Clear
2017-09-25 5:00	2017	9	25	5:00 ‡	20.8	17.2	16	4	24.1	99.8	NA
2017-09-25 6:00	2017	9	25	6:00 ‡	21.7	18	36	2	24.1	99.82	NA
2017-09-25 7:00	2017	9	25	7:00 ‡	22.1	17.9	31	4	24.1	99.85	Mostly Cloudy
2017-09-25 8:00	2017	9	25	8:00 ‡	24.9	19.2	3	4	24.1	99.86	NA
2017-09-25 9:00	2017	9	25	9:00 ‡	27.5	19.3	15	8	24.1	99.88	NA
2017-09-25 10:00	2017	9	25	10:00 ‡	29.3	18.2	18	10	24.1	99.86	Mostly Cloudy
2017-09-25 11:00	2017	9	25	11:00 ‡	29.5	18.1	15	12	24.1	99.85	NA
2017-09-25 12:00	2017	9	25	12:00 ‡	30.2	18.7	17	12	24.1	99.82	NA
2017-09-25 13:00	2017	9	25	13:00 ‡	31	18.5	15	14	24.1	99.76	Mainly Clear
2017-09-25 14:00	2017	9	25	14:00 ‡	31.3	18.5	16	11	24.1	99.7	NA
2017-09-25 15:00	2017	9	25	15:00 ‡	30.6	18.2	17	11	24.1	99.64	NA
2017-09-25 16:00	2017	9	25	16:00 ‡	30.4	18.4	14	15	24.1	99.59	Mostly Cloudy
2017-09-25 17:00	2017	9	25	17:00 ‡	29.3	18.6	14	8	24.1	99.57	NA
2017-09-25 18:00	2017	9	25	18:00 ‡	27.6	18.4	14	9	24.1	99.56	NA
2017-09-25 19:00	2017	9	25	19:00 ‡	26.3	18	14	9	24.1	99.54	Mostly Cloudy
2017-09-25 20:00	2017	9	25	20:00 ‡	24.8	18.3	16	9	24.1	99.57	NA
2017-09-25 21:00	2017	9	25	21:00 ‡	24	19.4	17	5	24.1	99.57	NA
2017-09-25 22:00	2017	9	25	22:00 ‡	23.6	19.6	0	1	24.1	99.56	Mainly Clear
2017-09-25 23:00	2017	9	25	23:00 ‡	23.3	18.9	4	4	24.1	99.55	NA
2017-09-26 0:00	2017	9	26	0:00 ‡	23.5	18.6	2	10	24.1	99.54	NA

2017-09-26 1:00	2017	9	26	1:00 ‡	23	18.6	3	8	24.1	99.56 Clear
2017-09-26 2:00	2017	9	26	2:00 ‡	22.5	18.4	3	5	24.1	99.53 NA
2017-09-26 3:00	2017	9	26	3:00 ‡	21.2	17.8	32	6	24.1	99.52 NA
2017-09-26 4:00	2017	9	26	4:00 ‡	21.1	17.8	36	2	24.1	99.52 Mostly Cloudy
2017-09-26 5:00	2017	9	26	5:00 ‡	20.9	17.5	36	1	24.1	99.51 NA
2017-09-26 6:00	2017	9	26	6:00 ‡	21.1	18	31	4	24.1	99.53 NA
2017-09-26 7:00	2017	9	26	7:00 ‡	20.9	18	36	3	19.3	99.56 Mainly Clear
2017-09-26 8:00	2017	9	26	8:00 ‡	23.7	19	31	3	19.3	99.56 NA
2017-09-26 9:00	2017	9	26	9:00 ‡	25.9	20.1	16	5	19.3	99.56 NA
2017-09-26 10:00	2017	9	26	10:00 ‡	28.1	19.7	21	9	19.3	99.52 Mainly Clear
2017-09-26 11:00	2017	9	26	11:00 ‡	29.4	20.4	14	13	24.1	99.5 NA
2017-09-26 12:00	2017	9	26	12:00 ‡	29.8	20.6	12	14	24.1	99.45 NA
2017-09-26 13:00	2017	9	26	13:00 ‡	30.7	19.6	15	16	24.1	99.38 Mostly Cloudy
2017-09-26 14:00	2017	9	26	14:00 ‡	30.6	19.2	14	18	24.1	99.34 NA
2017-09-26 15:00	2017	9	26	15:00 ‡	30.2	19	16	20	24.1	99.29 NA
2017-09-26 16:00	2017	9	26	16:00 ‡	29.4	19.4	15	15	24.1	99.25 Mainly Clear
2017-09-26 17:00	2017	9	26	17:00 ‡	28.8	19.3	15	16	24.1	99.26 NA
2017-09-26 18:00	2017	9	26	18:00 ‡	26.9	19.1	15	9	24.1	99.26 NA
2017-09-26 19:00	2017	9	26	19:00 ‡	26.7	19	17	10	24.1	99.24 Mainly Clear
2017-09-26 20:00	2017	9	26	20:00 ‡	27	18	22	10	24.1	99.27 NA
2017-09-26 21:00	2017	9	26	21:00 ‡	25.7	17.2	25	8	24.1	99.27 NA
2017-09-26 22:00	2017	9	26	22:00 ‡	25.1	17	27	6	24.1	99.27 Mainly Clear
2017-09-26 23:00	2017	9	26	23:00 ‡	24.5	16.5	25	5	24.1	99.24 NA
2017-09-27 0:00	2017	9	27	0:00 ‡	24.3	16	21	5	24.1	99.22 NA
2017-09-27 1:00	2017	9	27	1:00 ‡	23.1	15.7	24	9	24.1	99.22 Clear
2017-09-27 2:00	2017	9	27	2:00 ‡	22	16.1	36	2	24.1	99.17 NA
2017-09-27 3:00	2017	9	27	3:00 ‡	22.1	15.8	23	11	24.1	99.14 NA
2017-09-27 4:00	2017	9	27	4:00 ‡	21.5	15.9	24	9	24.1	99.13 Mainly Clear
2017-09-27 5:00	2017	9	27	5:00 ‡	21.1	15.8	26	5	24.1	99.1 NA
2017-09-27 6:00	2017	9	27	6:00 ‡	21	16.3	23	8	24.1	99.1 NA
2017-09-27 7:00	2017	9	27	7:00 ‡	20.9	17.4	27	10	24.1	99.08 Mainly Clear
2017-09-27 8:00	2017	9	27	8:00 ‡	24.4	18	24	7	24.1	99.05 NA
2017-09-27 9:00	2017	9	27	9:00 ‡	27.1	18	24	12	24.1	99.03 NA
2017-09-27 10:00	2017	9	27	10:00 ‡	29.3	17.7	24	17	24.1	99.02 Mostly Cloudy
2017-09-27 11:00	2017	9	27	11:00 ‡	28.3	18.2	31	23	24.1	99.02 NA
2017-09-27 12:00	2017	9	27	12:00 ‡	29.6	18.2	28	27	24.1	99 NA
2017-09-27 13:00	2017	9	27	13:00 ‡	25.5	17.6	30	30	24.1	99.04 Rain Showers
2017-09-27 14:00	2017	9	27	14:00 ‡	24	17.8	30	33	24.1	99.05 NA
2017-09-27 15:00	2017	9	27	15:00 ‡	23.1	16	32	33	24.1	99.08 NA
2017-09-27 16:00	2017	9	27	16:00 ‡	23.4	13.6	31	36	24.1	99.09 Mostly Cloudy
2017-09-27 17:00	2017	9	27	17:00 ‡	21.2	12	31	40	24.1	99.17 NA
2017-09-27 18:00	2017	9	27	18:00 ‡	19.7	10.1	31	26	24.1	99.24 NA

2017-09-27 19:00	2017	9	27	19:00 ‡	18.5	10	31	33	24.1	99.31 Mostly Cloudy
2017-09-27 20:00	2017	9	27	20:00 ‡	17.2	9.5	31	29	24.1	99.34 NA
2017-09-27 21:00	2017	9	27	21:00 ‡	16.4	9.6	30	20	24.1	99.37 NA
2017-09-27 22:00	2017	9	27	22:00 ‡	15.9	9.3	29	17	24.1	99.4 Mostly Cloudy
2017-09-27 23:00	2017	9	27	23:00 ‡	15.4	8.7	32	23	24.1	99.42 NA
2017-09-28 0:00	2017	9	28	0:00 ‡	14.6	7.5	32	21	24.1	99.47 NA
2017-09-28 1:00	2017	9	28	1:00 ‡	13.9	7.2	32	21	24.1	99.49 Mostly Cloudy
2017-09-28 2:00	2017	9	28	2:00 ‡	12.9	7.1	32	19	24.1	99.5 NA
2017-09-28 3:00	2017	9	28	3:00 ‡	13	5.8	30	25	24.1	99.49 NA
2017-09-28 4:00	2017	9	28	4:00 ‡	13	5.7	30	17	24.1	99.57 Mostly Cloudy
2017-09-28 5:00	2017	9	28	5:00 ‡	12.7	5.9	31	16	24.1	99.59 NA
2017-09-28 6:00	2017	9	28	6:00 ‡	12.6	6.2	30	18	24.1	99.61 NA
2017-09-28 7:00	2017	9	28	7:00 ‡	12.8	6.8	30	18	24.1	99.65 Mostly Cloudy
2017-09-28 8:00	2017	9	28	8:00 ‡	13.3	7.1	34	18	24.1	99.68 NA
2017-09-28 9:00	2017	9	28	9:00 ‡	13.8	6.2	34	14	24.1	99.74 NA
2017-09-28 10:00	2017	9	28	10:00 ‡	14.7	6.3	34	25	24.1	99.76 Mostly Cloudy
2017-09-28 11:00	2017	9	28	11:00 ‡	15.2	5.5	32	25	24.1	99.75 NA
2017-09-28 12:00	2017	9	28	12:00 ‡	15	6.4	33	19	24.1	99.74 NA
2017-09-28 13:00	2017	9	28	13:00 ‡	16.8	5.4	29	26	24.1	99.67 Mostly Cloudy
2017-09-28 14:00	2017	9	28	14:00 ‡	17	4	33	24	24.1	99.62 NA
2017-09-28 15:00	2017	9	28	15:00 ‡	17.3	3.5	32	20	24.1	99.63 NA
2017-09-28 16:00	2017	9	28	16:00 ‡	17.1	4.1	33	17	24.1	99.65 Mainly Clear
2017-09-28 17:00	2017	9	28	17:00 ‡	15.7	3.8	34	20	24.1	99.67 NA
2017-09-28 18:00	2017	9	28	18:00 ‡	14.3	4.9	36	22	24.1	99.68 NA
2017-09-28 19:00	2017	9	28	19:00 ‡	13.2	5.3	1	21	24.1	99.73 Mainly Clear
2017-09-28 20:00	2017	9	28	20:00 ‡	12.6	5.3	1	17	24.1	99.78 NA
2017-09-28 21:00	2017	9	28	21:00 ‡	11.7	5.2	36	12	24.1	99.79 NA
2017-09-28 22:00	2017	9	28	22:00 ‡	11.7	4.8	34	9	24.1	99.8 Mainly Clear
2017-09-28 23:00	2017	9	28	23:00 ‡	11	4.7	34	10	24.1	99.82 NA
2017-09-29 0:00	2017	9	29	0:00 ‡	9.6	5.2	31	5	24.1	99.81 NA
2017-09-29 1:00	2017	9	29	1:00 ‡	9.8	5.5	36	3	24.1	99.82 Mainly Clear
2017-09-29 2:00	2017	9	29	2:00 ‡	9.1	5	4	8	24.1	99.8 NA
2017-09-29 3:00	2017	9	29	3:00 ‡	9.2	3.5	5	7	24.1	99.75 NA
2017-09-29 4:00	2017	9	29	4:00 ‡	9.2	3.1	7	4	24.1	99.72 Mainly Clear
2017-09-29 5:00	2017	9	29	5:00 ‡	9.9	4.1	36	1	24.1	99.72 NA
2017-09-29 6:00	2017	9	29	6:00 ‡	9.9	3	11	9	24.1	99.67 NA
2017-09-29 7:00	2017	9	29	7:00 ‡	10.9	3.7	10	12	24.1	99.65 Mostly Cloudy
2017-09-29 8:00	2017	9	29	8:00 ‡	12.8	6.5	13	7	19.3	99.62 Rain
2017-09-29 9:00	2017	9	29	9:00 ‡	12.9	9.8	15	11	19.3	99.58 Rain
2017-09-29 10:00	2017	9	29	10:00 ‡	13	9.6	15	16	16.1	99.48 Rain
2017-09-29 11:00	2017	9	29	11:00 ‡	13	11.7	17	10	24.1	99.39 NA
2017-09-29 12:00	2017	9	29	12:00 ‡	15.2	11.6	22	13	24.1	99.3 NA

2017-09-29 13:00	2017	9	29	13:00 ‡	17.3	11.7	25	12	8.1	99.19 Thunderstorms,Rain Showers
2017-09-29 14:00	2017	9	29	14:00 ‡	16.6	11.8	27	27	24.1	99.14 NA
2017-09-29 15:00	2017	9	29	15:00 ‡	17.1	8.3	28	40	24.1	99.14 NA
2017-09-29 16:00	2017	9	29	16:00 ‡	15	7.4	29	34	24.1	99.22 Mostly Cloudy
2017-09-29 17:00	2017	9	29	17:00 ‡	12.7	5.8	27	49	24.1	99.2 NA
2017-09-29 18:00	2017	9	29	18:00 ‡	11.7	6.8	28	47	24.1	99.15 NA
2017-09-29 19:00	2017	9	29	19:00 ‡	11.6	8	33	49	24.1	99.35 Mostly Cloudy
2017-09-29 20:00	2017	9	29	20:00 ‡	10.1	7.5	35	45	16.1	99.64 Rain
2017-09-29 21:00	2017	9	29	21:00 ‡	9.7	7.5	36	36	24.1	99.84 Rain
2017-09-29 22:00	2017	9	29	22:00 ‡	8.9	7.1	35	31	24.1	99.96 Cloudy
2017-09-29 23:00	2017	9	29	23:00 ‡	8.9	6.4	35	26	24.1	100.09 NA
2017-09-30 0:00	2017	9	30	0:00 ‡	8.4	5.9	35	21	24.1	100.17 NA
2017-09-30 1:00	2017	9	30	1:00 ‡	8.6	5.8	35	22	24.1	100.26 Mostly Cloudy
2017-09-30 2:00	2017	9	30	2:00 ‡	9	5.8	34	21	24.1	100.32 NA
2017-09-30 3:00	2017	9	30	3:00 ‡	8.7	5	34	25	24.1	100.38 NA
2017-09-30 4:00	2017	9	30	4:00 ‡	7.7	3.9	35	29	24.1	100.43 Mostly Cloudy
2017-09-30 5:00	2017	9	30	5:00 ‡	7	3.5	34	30	24.1	100.52 NA
2017-09-30 6:00	2017	9	30	6:00 ‡	6.3	3	34	25	24.1	100.62 NA
2017-09-30 7:00	2017	9	30	7:00 ‡	6.4	2.9	35	26	24.1	100.69 Mainly Clear
2017-09-30 8:00	2017	9	30	8:00 ‡	8	3.7	36	24	24.1	100.74 NA
2017-09-30 9:00	2017	9	30	9:00 ‡	9.7	3.8	36	21	24.1	100.83 NA
2017-09-30 10:00	2017	9	30	10:00 ‡	12.5	4.1	1	18	24.1	100.87 Mainly Clear
2017-09-30 11:00	2017	9	30	11:00 ‡	12.7	2	36	21	24.1	100.91 NA
2017-09-30 12:00	2017	9	30	12:00 ‡	13.4	2	35	12	24.1	100.91 NA
2017-09-30 13:00	2017	9	30	13:00 ‡	13.9	1.8	1	14	24.1	100.87 Mainly Clear
2017-09-30 14:00	2017	9	30	14:00 ‡	14.4	1.4	36	13	24.1	100.83 NA
2017-09-30 15:00	2017	9	30	15:00 ‡	13.7	0.3	3	3	24.1	100.79 NA
2017-09-30 16:00	2017	9	30	16:00 ‡	14.5	0.6	35	12	24.1	100.76 Clear
2017-09-30 17:00	2017	9	30	17:00 ‡	13.9	0.2	35	12	24.1	100.76 NA
2017-09-30 18:00	2017	9	30	18:00 ‡	12.7	0.9	36	10	24.1	100.78 NA
2017-09-30 19:00	2017	9	30	19:00 ‡	11.2	3.6	14	5	24.1	100.83 Clear
2017-09-30 20:00	2017	9	30	20:00 ‡	10.6	2.6	3	14	24.1	100.88 NA
2017-09-30 21:00	2017	9	30	21:00 ‡	9.3	3.2	1	14	24.1	100.9 NA
2017-09-30 22:00	2017	9	30	22:00 ‡	8.6	3.2	36	11	24.1	100.9 Clear
2017-09-30 23:00	2017	9	30	23:00 ‡	8.1	3.2	31	15	24.1	100.89 NA

Station Name TORONTO INTL A  
 Province ONTARIO  
 Latitude 43.68  
 Longitude -79.63  
 Elevation 173.4  
 Climate Identifier 6158731  
 WMO Identifier 71624  
 TC Identifier YYZ

All times are specified in Local Standard Time (LST). Add 1 hour to adjust for Daylight Saving Time where and when it is observed.

#### Legend

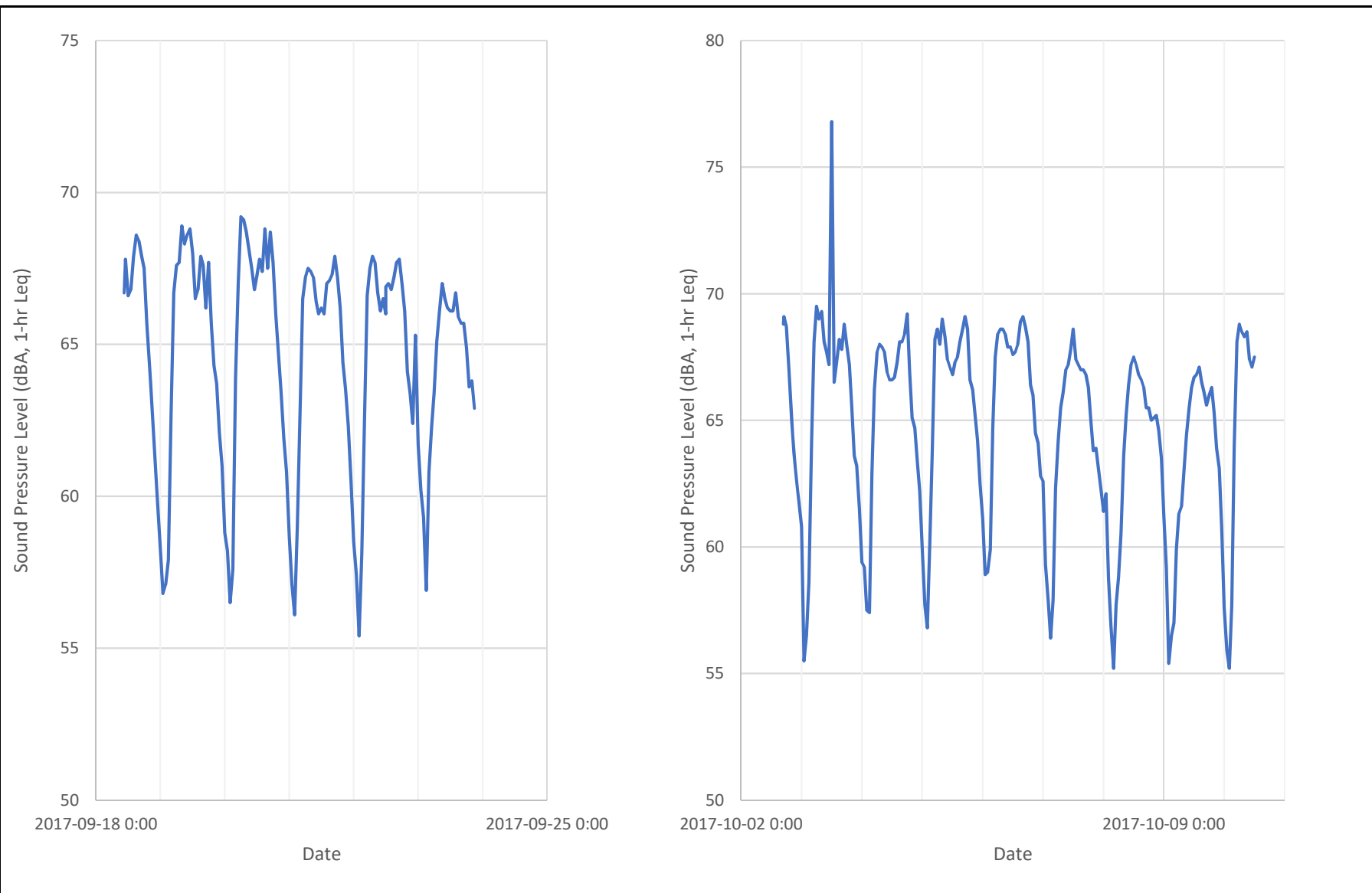
E Estimated  
 M Missing  
 NA Not Available  
 ‡ Partner data that is not subject to review by the National Climate Archives

Date/Time	Year	Month	Day	Time	Data Qual	Temp (°C)	Dew Point	Rel Hum (%)	Wind Dir (1	Wind Spd (	Visibility (k	Stn Press (l	Weather
2017-10-01 0:00	2017	10	1	0:00	‡	7.2	2.8	73	31	9	24.1	100.88	NA
2017-10-01 1:00	2017	10	1	1:00	‡	7.1	2.7	73	34	6	24.1	100.89	Clear
2017-10-01 2:00	2017	10	1	2:00	‡	6.6	2.3	74	1	8	24.1	100.85	NA
2017-10-01 3:00	2017	10	1	3:00	‡	5.6	2.2	79	33	8	24.1	100.85	NA
2017-10-01 4:00	2017	10	1	4:00	‡	5.7	1.8	76	32	7	24.1	100.86	Clear
2017-10-01 5:00	2017	10	1	5:00	‡	5.7	2	77	32	7	24.1	100.87	NA
2017-10-01 6:00	2017	10	1	6:00	‡	4.1	0.8	79	30	4	24.1	100.85	NA
2017-10-01 7:00	2017	10	1	7:00	‡	5.4	1.8	78	32	4	24.1	100.92	Clear
2017-10-01 8:00	2017	10	1	8:00	‡	9.3	3.3	66	36	3	24.1	100.94	NA
2017-10-01 9:00	2017	10	1	9:00	‡	11.6	4.2	60	26	3	24.1	100.94	NA
2017-10-01 10:00	2017	10	1	10:00	‡	14.3	4.2	51	16	5	24.1	100.91	Mainly Clear
2017-10-01 11:00	2017	10	1	11:00	‡	15.8	3.8	44	30	8	24.1	100.84	NA
2017-10-01 12:00	2017	10	1	12:00	‡	16.2	6.1	51	14	10	24.1	100.78	NA
2017-10-01 13:00	2017	10	1	13:00	‡	16.2	5.5	49	20	11	24.1	100.71	Mainly Clear
2017-10-01 14:00	2017	10	1	14:00	‡	16.4	5.1	47	14	5	24.1	100.65	NA
2017-10-01 15:00	2017	10	1	15:00	‡	16.9	4.5	43	19	4	24.1	100.58	NA
2017-10-01 16:00	2017	10	1	16:00	‡	16.5	4	43	15	13	24.1	100.52	Mainly Clear
2017-10-01 17:00	2017	10	1	17:00	‡	15.9	4.9	48	12	9	24.1	100.51	NA
2017-10-01 18:00	2017	10	1	18:00	‡	14.5	5.5	55	14	10	24.1	100.51	NA
2017-10-01 19:00	2017	10	1	19:00	‡	13.3	6.5	63	14	6	24.1	100.52	Clear
2017-10-01 20:00	2017	10	1	20:00	‡	13.1	7.5	69	15	5	24.1	100.56	NA

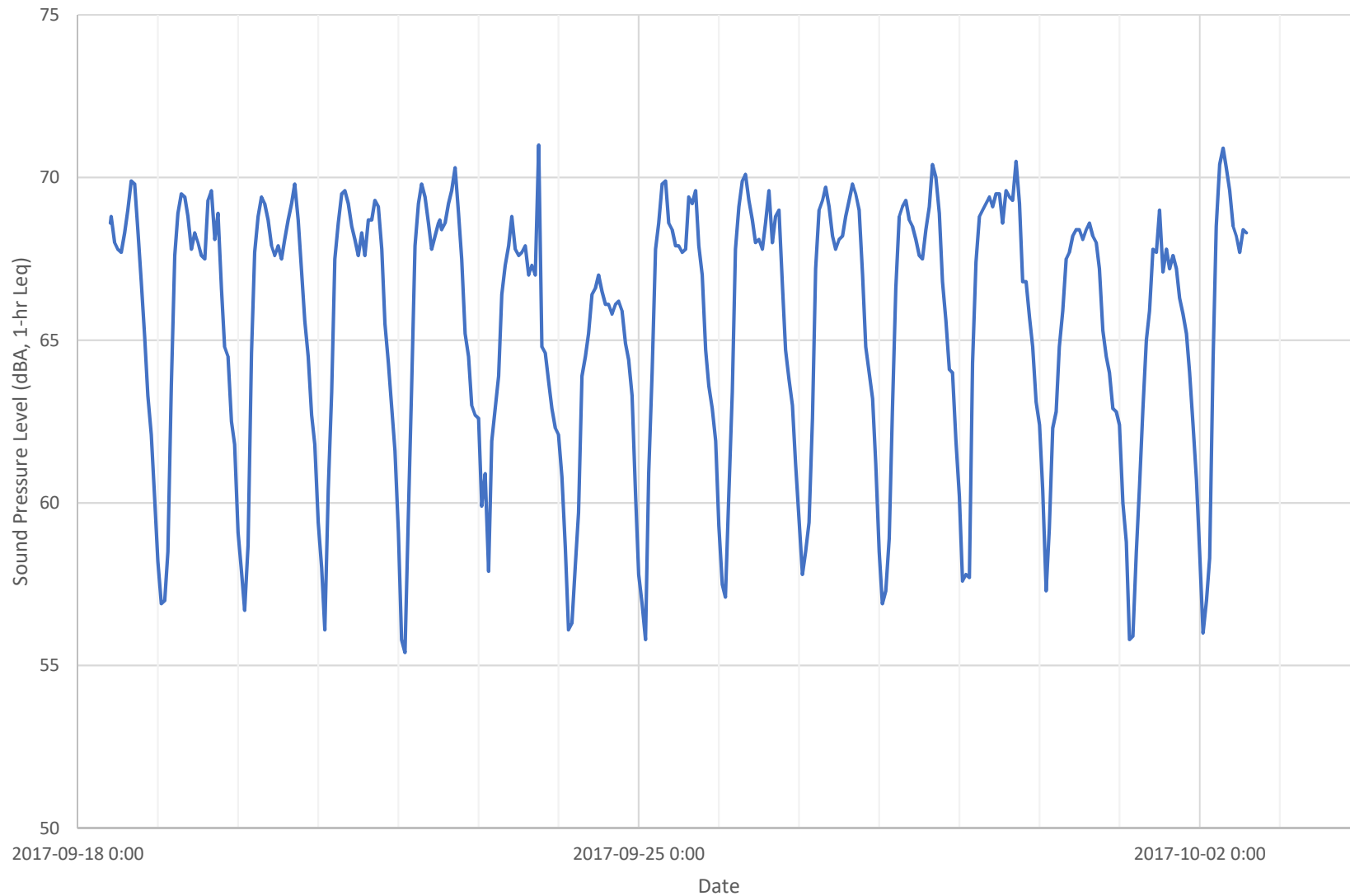
2017-10-01 21:00	2017	10	1	21:00 ‡	12.9	8.2	73	13	4	24.1	100.56 NA
2017-10-01 22:00	2017	10	1	22:00 ‡	12.7	8.9	78	14	5	24.1	100.57 Clear
2017-10-01 23:00	2017	10	1	23:00 ‡	11.1	8.4	83	36	3	24.1	100.61 NA
2017-10-02 0:00	2017	10	2	0:00 ‡	10.7	7.3	79	3	7	24.1	100.6 NA
2017-10-02 1:00	2017	10	2	1:00 ‡	8.7	5.7	81	36	3	24.1	100.62 Clear
2017-10-02 2:00	2017	10	2	2:00 ‡	8.7	5.6	81		0	24.1	100.63 NA
2017-10-02 3:00	2017	10	2	3:00 ‡	8.3	5.5	82	1	7	24.1	100.62 NA
2017-10-02 4:00	2017	10	2	4:00 ‡	7.9	5.1	83	35	5	24.1	100.66 Mainly Clear
2017-10-02 5:00	2017	10	2	5:00 ‡	7.2	4.7	84	1	8	24.1	100.7 NA
2017-10-02 6:00	2017	10	2	6:00 ‡	7.5	5.4	86	1	7	24.1	100.76 NA
2017-10-02 7:00	2017	10	2	7:00 ‡	8.3	6.1	86	3	7	24.1	100.8 Mainly Clear
2017-10-02 8:00	2017	10	2	8:00 ‡	11.9	8.2	78	4	8	24.1	100.84 NA
2017-10-02 9:00	2017	10	2	9:00 ‡	15.5	9.8	68	11	15	24.1	100.85 NA
2017-10-02 10:00	2017	10	2	10:00 ‡	17.3	7.9	53	12	21	24.1	100.9 Mainly Clear
2017-10-02 11:00	2017	10	2	11:00 ‡	18	6.9	48	14	17	24.1	100.9 NA
2017-10-02 12:00	2017	10	2	12:00 ‡	19.1	5.8	41	14	20	24.1	100.85 NA
2017-10-02 13:00	2017	10	2	13:00 ‡	19.1	6.1	42	14	18	24.1	100.8 Mainly Clear
2017-10-02 14:00	2017	10	2	14:00 ‡	19.3	4.8	38	14	17	24.1	100.78 NA
2017-10-02 15:00	2017	10	2	15:00 ‡	19.1	6.2	43	6	13	24.1	100.77 NA
2017-10-02 16:00	2017	10	2	16:00 ‡	19	7.4	46	10	16	24.1	100.74 Mainly Clear
2017-10-02 17:00	2017	10	2	17:00 ‡	17.7	7.8	52	10	16	24.1	100.8 NA
2017-10-02 18:00	2017	10	2	18:00 ‡	15.7	8.5	62	9	13	24.1	100.81 NA
2017-10-02 19:00	2017	10	2	19:00 ‡	14.7	8.9	68	10	9	24.1	100.84 Mainly Clear
2017-10-02 20:00	2017	10	2	20:00 ‡	14.2	9.2	71	10	5	24.1	100.88 NA
2017-10-02 21:00	2017	10	2	21:00 ‡	13.5	8.9	73	5	5	24.1	100.89 NA
2017-10-02 22:00	2017	10	2	22:00 ‡	13.4	9	74	6	7	24.1	100.88 Mainly Clear
2017-10-02 23:00	2017	10	2	23:00 ‡	13.5	9.9	79	4	5	24.1	100.85 NA

# **APPENDIX C**

## **SOUND LEVEL TIME HISTORIES**



<b>Title</b> Sound Measurement Time History - Location 1	<b>Date</b> Jan 31, 2018	<b>Figure</b> C1
	<b>Project No.</b> 117-273.000	

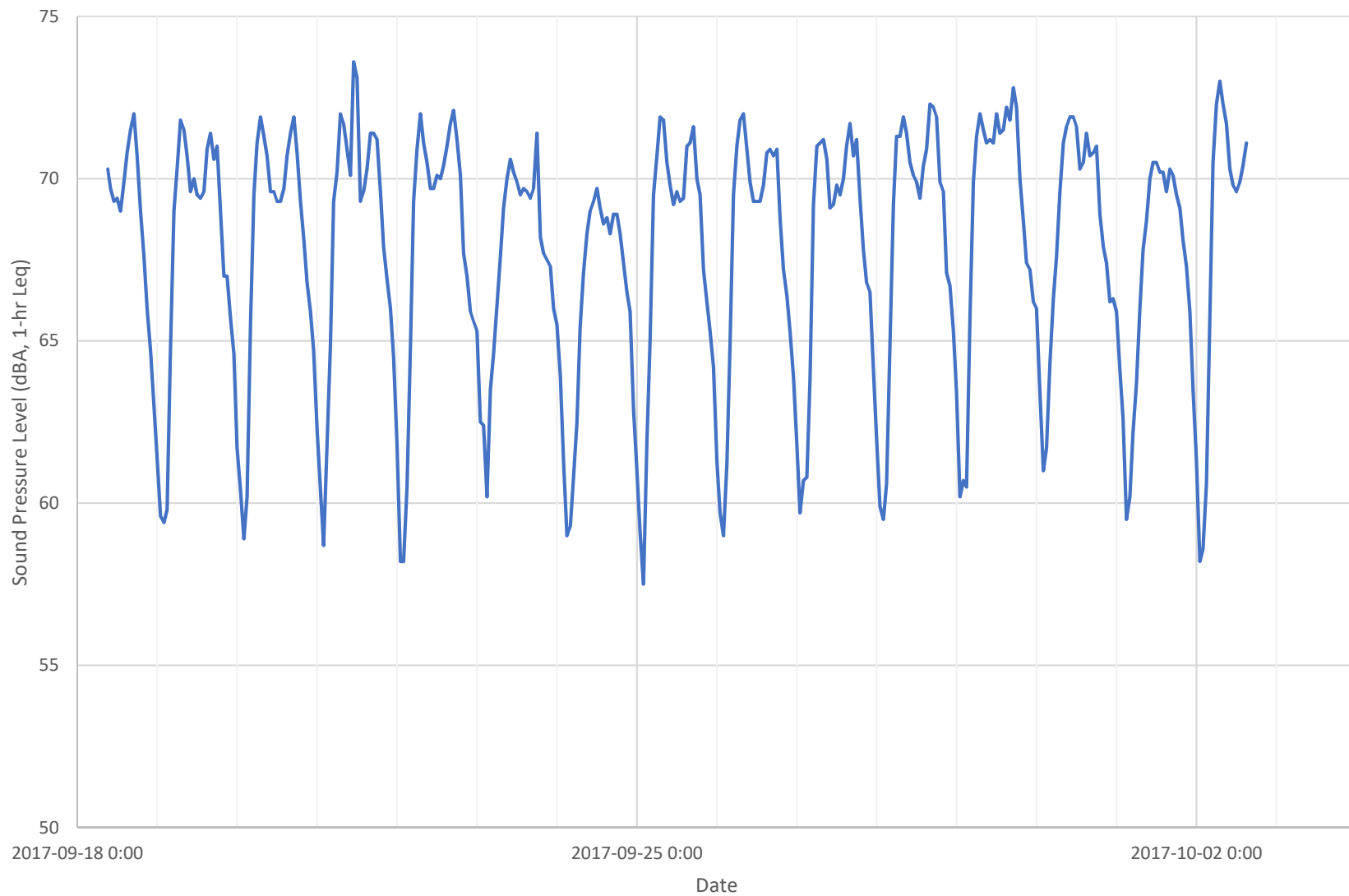


Title	Sound Measurement Time History - Location 2
Project Name	Albion Vaughan Road Traffic Noise Study

Date	Jan 31, 2018
Project No.	117-273.000

Figure

C2



Title	Sound Measurement Time History - Location 3
Project Name	Albion Vaughan Road Traffic Noise Study

Date	Jan 31, 2018
Project No.	117-273.000

Figure

**C3**

# **APPENDIX D**

## **SAMPLE CALCULATION – CALIBRATION MODEL**

TOTAL Leq FROM ALL SOURCES (DAY): 69.15  
(NIGHT): 63.01

# **APPENDIX E**

## **SAMPLE CALCULATION – FUTURE PREDICTION MODEL**

Filename: r2f.te                      Time Period: Day/Night 16/8 hours  
 Description: Receptor 2 - Facade prediction

Road data, segment # 1: Albion V (N) (day/night)

-----  
 Car traffic volume : 15343/2293    veh/TimePeriod    \*  
 Medium truck volume : 242/36    veh/TimePeriod    \*  
 Heavy truck volume : 3336/498    veh/TimePeriod    \*  
 Posted speed limit : 70 km/h  
 Road gradient : 0 %  
 Road pavement : 1 (Typical asphalt or concrete)

\* Refers to calculated road volumes based on the following input:

24 hr Traffic Volume (AADT or SADT): 14636  
 Percentage of Annual Growth : 2.00  
 Number of Years of Growth : 20.00  
 Medium Truck % of Total Volume : 1.28  
 Heavy Truck % of Total Volume : 17.63  
 Day (16 hrs) % of Total Volume : 87.00

Data for Segment # 1: Albion V (N) (day/night)

-----  
 Angle1    Angle2                      : -90.00 deg    90.00 deg  
 Wood depth : 0    (No woods.)  
 No of house rows : 0 / 0  
 Surface : 1    (Absorptive ground surface)  
 Receiver source distance : 42.00 / 42.00 m  
 Receiver height : 4.50 / 4.50 m  
 Topography : 1    (Flat/gentle slope; no barrier)  
 Reference angle : 0.00

Results segment # 1: Albion V (N) (day)

-----  
 Source height = 2.05 m

ROAD (0.00 + 67.74 + 0.00) = 67.74 dBA  

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.55	75.96	0.00	-6.95	-1.27	0.00	0.00	0.00	67.74

 -----

Segment Leq : 67.74 dBA

Total Leq All Segments: 67.74 dBA

Results segment # 1: Albion V (N) (night)

-----  
 Source height = 2.05 m

ROAD (0.00 + 62.49 + 0.00) = 62.49 dBA  

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.55	70.71	0.00	-6.95	-1.27	0.00	0.00	0.00	62.49

 -----

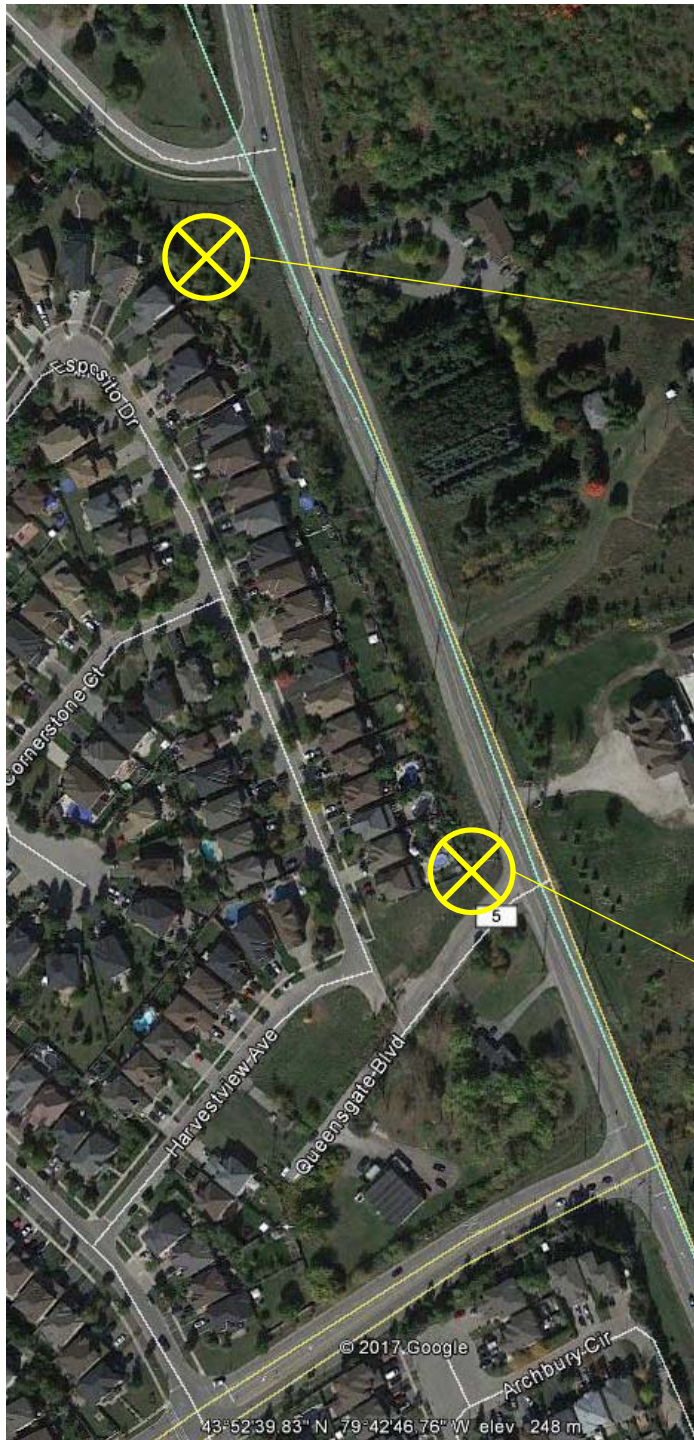
Segment Leq : 62.49 dBA

Total Leq All Segments: 62.49 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 67.74  
 (NIGHT): 62.49

# **APPENDIX F**

## **EXISTING SOUND BARRIERS**



6'  
Wood  
fence





6'  
Wood  
fence



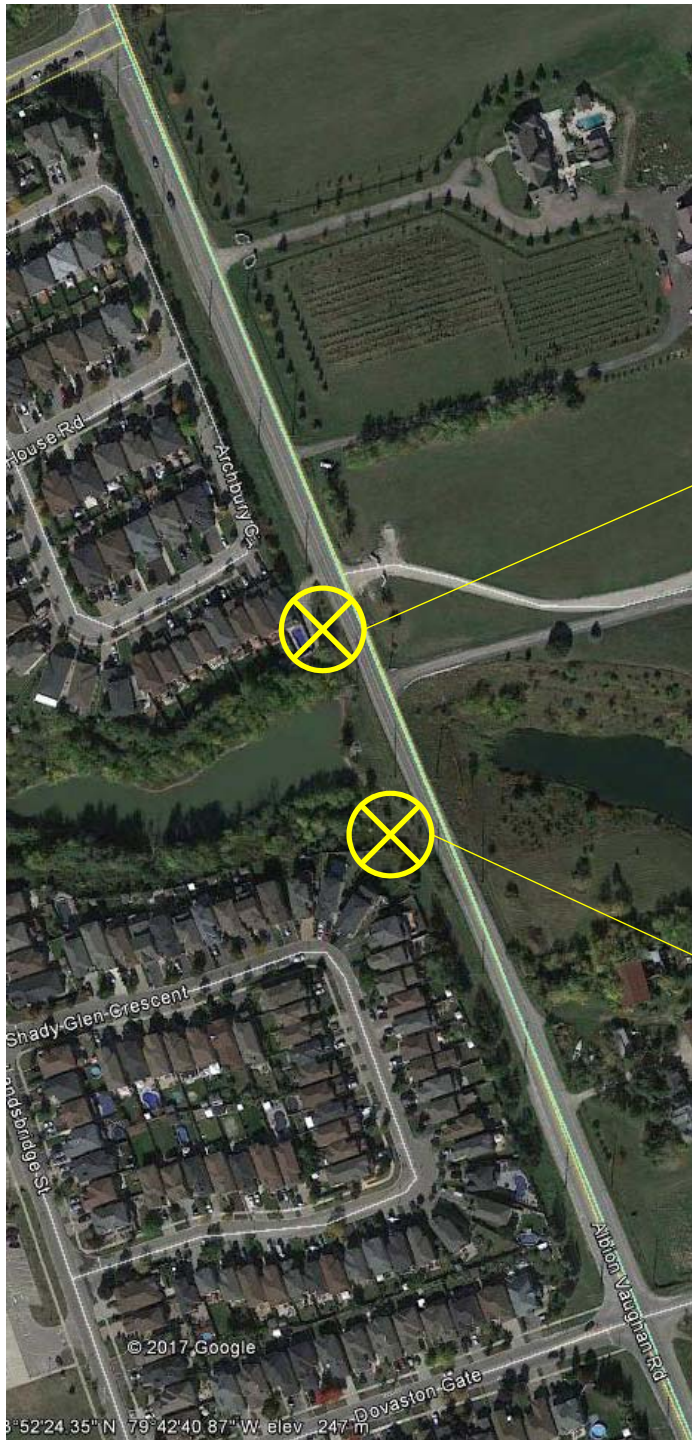
3.5'  
Wood  
fence

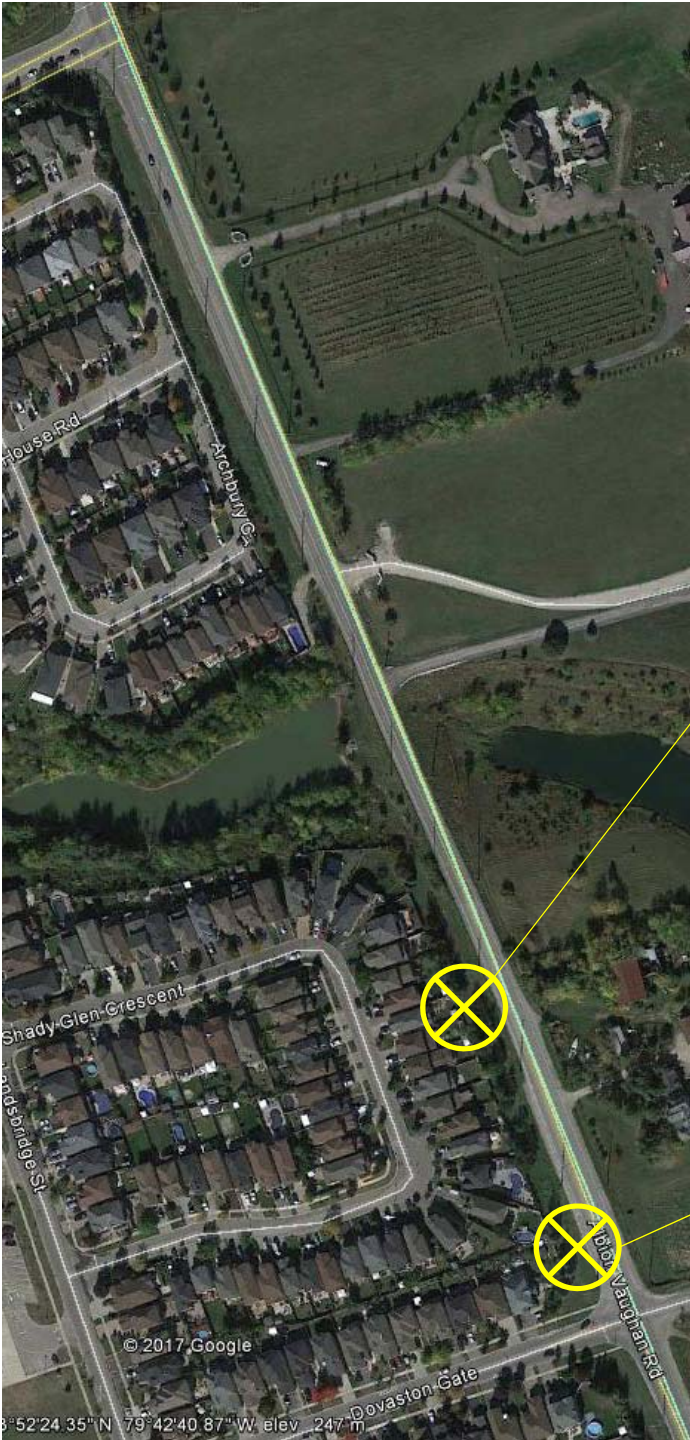


7'  
Wood  
fence



6'  
Wood  
fence





6'  
Wood  
fence



6'  
Wood  
fence

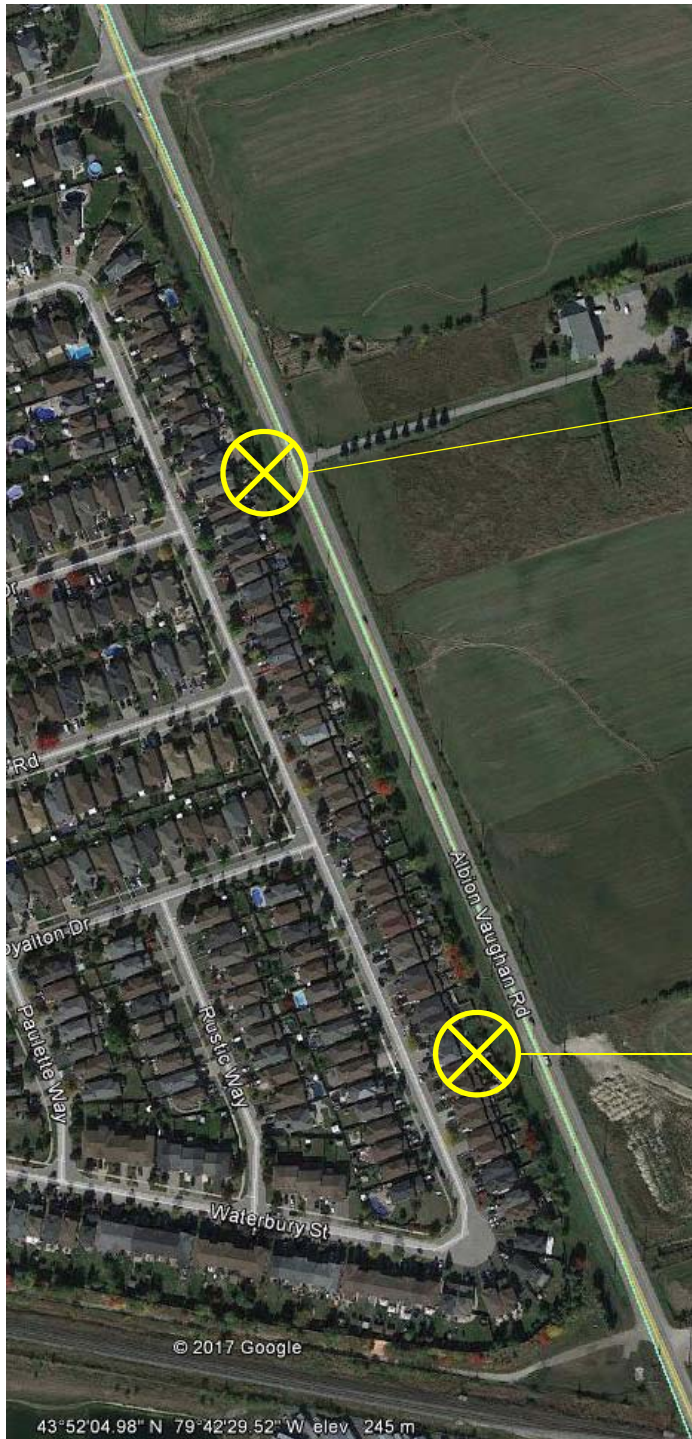


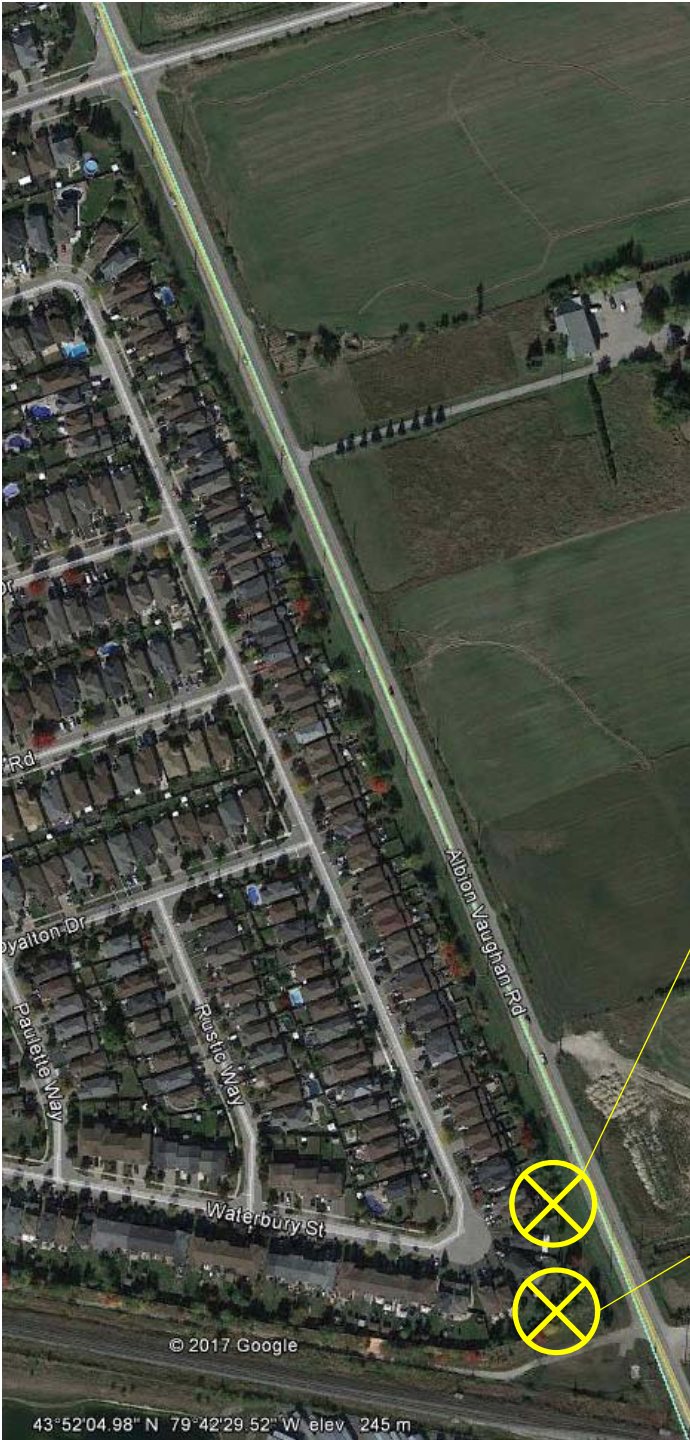


6.5'  
Wood  
fence



6.5'  
Wood  
fence





6.5'  
Wood  
fence



8.5'  
Wood  
fence



# **APPENDIX G**

## **PIC COMMENTS AND INFORMATION**



**VALCOUSTICS**  
*Canada Ltd.*  
consulting acoustical engineers

## Town of Bolton

**29 Members of the public attended the Public Information Centre on November 29, 2017**

[illegible]



**VALCOUSTICS**  
*Canada Ltd.*  
consulting acoustical engineers

## Town of Bolton

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November 29, 2017

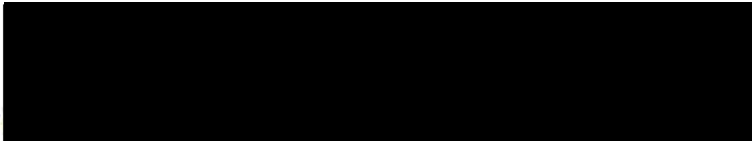
Road Traffic Noise Study


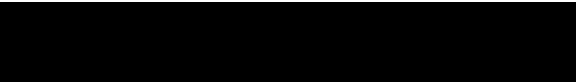
Albion Vaughan Road

Between CPR Line and Nunnville Road

Town of Bolton

Comment Sheet



Name	Street Address
	
<p>Comment</p> <ul style="list-style-type: none"><li>- residents have contacted legal counsel</li><li>- no trucks from Industrial Rd to Kitz is a "NO COST SOLUTION"</li><li>- trucks need to use the Coleraine Bypass. (Nobody uses it)</li><li>- no representation from trucking companies present</li><li>- affects health, mental health, property values, etc...</li></ul>	

November 29, 2017



Road Traffic Noise Study

Albion Vaughan Road

Between CPR Line and Nunnville Road

Town of Bolton

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**Comment Sheet**

Name	Street Address
[REDACTED]	[REDACTED]
<p data-bbox="105 730 228 760">Comment</p> <p data-bbox="138 751 1469 1024">Reduce speed to 60 k on albion/Vaughan Repave Rd more trees</p>	

November 29, 2017

Road Traffic Noise Study

Albion Vaughan Road

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Comment Sheet

Name	Street Address
[REDACTED]	[REDACTED]
Comment	
<p>1. Road needs to be repaired, this will reduce unnecessary noise. (Interim not a big expense)</p> <p>2. Speed limit reduced to 60km/h</p> <p>3. Also let's maintain the tree's + re planting tree's that have been cut down from the last ICE storm</p> <p>4. PAVED shoulders to reduce dust.</p> <p>Please call at [REDACTED] email [REDACTED]</p> <p>Great Presentation !</p>	

Thank You !

November 29, 2017

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**Comment Sheet**

Name	Street Address
Comment	
<p>My family has lived on Esposito Dr. for over 20 years. There was always an issue of noise traffic, HOWEVER the last few years it has become unbearable. Windows on the East side of my house cannot be opened. Truck wakes us up all night long. It is a very unpleasant situation + something needs to be done</p> <ol style="list-style-type: none"><li>1) Noise Retention Fence</li><li>2) multiple Cedars.</li><li>*3) NO TRUCK ZONE from Industrial to King</li></ol>	

November 29, 2017



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**Comment Sheet**

Name	Street Address
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<p>— no trucks from Industrial Pk to King St.</p>	
[REDACTED]	

November 29, 2017



Road Traffic Noise Study


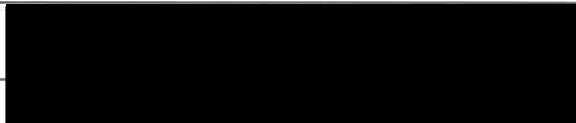
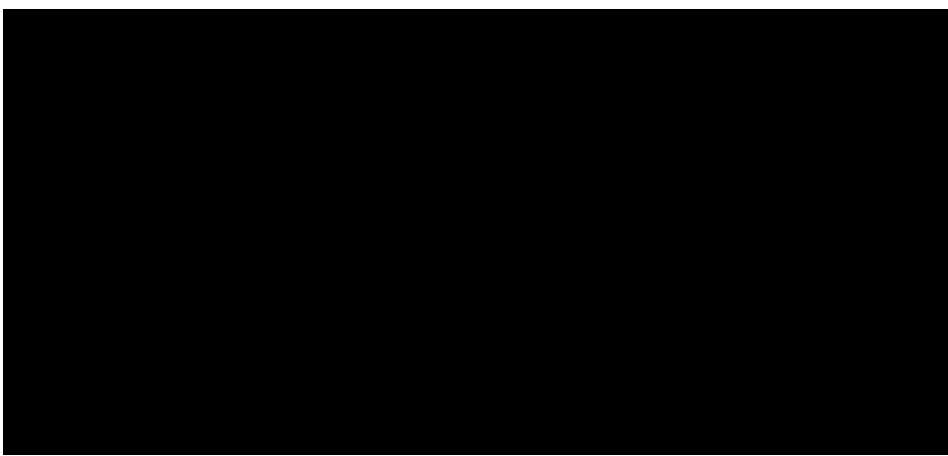
Albion Vaughan Road

Between CPR Line and Nunnville Road

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**Comment Sheet**

Name	Street Address
	
<p data-bbox="105 745 227 766">Comment</p> <p data-bbox="121 766 1461 997">- no trucks from Industrial Rd to King St.</p> <div data-bbox="267 1039 1209 1491"></div>	

November 29, 2017



Road Traffic Noise Study

Albion Vaughan Road

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**Comment Sheet**

Name	Street Address
<div></div>	
<p data-bbox="105 730 227 760">Comment</p> <p data-bbox="175 814 1360 1159">In the interim, plant pine trees (<del>at</del> layered) <del>and</del> along Albion Vaughan. More aesthetically pleasing, bring down sound level, <del>bring</del> and its eco friendly solution.</p> <div data-bbox="243 1197 690 1449"></div>	

November 29, 2017



Road Traffic Noise Study

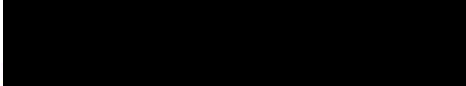

Albion Vaughan Road

Between CPR Line and Nunnville Road

Town of Bolton

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**Comment Sheet**

Name	Street Address
	
<p data-bbox="105 735 227 766">Comment</p> <p data-bbox="121 766 1583 1165">Speed limit should be reduced. Truck 80 km/h now. Proper maintenance done on. Town line re-pot holes. Often excessive speeds during summer &amp; spring fall months from motorcycles &amp; high performance cars racing. More police surveillance required.</p>	

November 29, 2017

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Comment Sheet

email: [REDACTED]

Name	Street Address
[REDACTED]	[REDACTED]

Comment

The sounds of traffic along my section of Albion-Vaughan are strong enough during peak day hours that the windows shake, the house shakes especially when the heavy transport & dump trucks barrel through at high speeds.

As the Bolton grows, so will through-

traffic affecting us even further. Potential widening will further add to noise pollution. The poor condition of Albion-Vaughan surely already contributes to poor/high sound pollution & vibrations.

Heavy traffic trying to access Hwy 400 should be rerouted via Hwy 427 or through Nobleton Hwy 27. Higher fence barriers should also be considered for residents along this road to anticipate future increased pollution and accommodate in a reasonable timeframe.

As a facilitation suggestion - acoustics  
in the Youth Centre were poor - people's  
questions / comments & speaker's presentation  
not very clear - it required a smaller room  
with better Audio

[REDACTED]  
**Sent:** September 30, 2015 9:04 PM  
[REDACTED]

**Subject:** Re: Shangri-La revisited

Dear [REDACTED]

Thank you for your email, I will speak to our public works department to see what can be done to address your concerns. With regards to the bypass, the intent was to take the heavy vehicular traffic around the community rather than going through the community.

I will speak to public works to see what we can do to address your concerns.

Kind regards  
[REDACTED]

---

**Sent:** Tuesday, September 29, 2015 10:05 AM  
[REDACTED]

**Subject:** Shangri-La revisited

[REDACTED]  
My name is [REDACTED] and I moved from Streetsville to Bolton in the fall of 1994. (21 years ago)

In general we were very pleased to be living in Bolton, and have formed many close relationships with people in Bolton.

That been said, all that changed when the road behind our property changed from a very quite, seldom used road to a MAJOR thoroughfare.

Originally there were four large trees (on city property) behind our lot. Gradually all of these started dying about 6 years ago.

I have contacted the Caledon Works Department 3 times in the last five years about replacing the already dead trees (2); and was told that there was nothing in the budget to do this. At the end of the first year they did plant a half dozen seedlings (which are still smaller than the existing weeds).

The original reason that I requested the tree replacement was that [REDACTED] had been stricken with, Stage Four Lung Cancer, and our bedroom backed on this very busy thoroughfare. (sleeping for her had become a major issue!)

**To this day sitting on my back deck between the hours of 4:30pm and 7:00pm is next to impossible because of the noise.**

I read in the Caledon Enterprise Newspaper this morning, that The Region of Peel has just passed "the Caledon truck ban bylaw"; which means any truck traffic coming from either the east along King Road or south from Highway #50, south of Mayfield Road will probably end up on The Albion-Vaughan Road, if the noise, and pollution were unbearable before, one wonders what it will be like in the very near future ! ! !

Several months ago, I had a nursery plant **14**, seven foot evergreen trees along the rear of my lot as an attempt to negate some of the noise, it has not worked.

**Now that the council has appeased the public on 'Bolton's Downtown Truck Issues', perhaps something could be done to relieve some of the very real noise and pollution issues along the residential portion of the "The Albion-Vaughan Highway".**

**Perhaps a noise barrier in the form of a sound absorbing fence, as seen along highways is in order?**



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## **ALBION VAUGHAN ROAD STUDY**

117-0273

November 29, 2017

Questions and comments from the November 29, 2017 PIC. Comments from the residents are shown in bold. Responses are shown as bullet points.

**Q. Why did the study area stop at CPR Line?**

- The development to the south is industrial/commercial

**There is a residential component to the south**

- They are getting a study based on the existing conditions, with the increased truck traffic. This study deals with the impact of the increase in truck traffic over the last few years at the existing houses on Albion Vaughan.

**Q. What will the fence do about windows vibrating, which is not noise induced. There are trucks braking at railway. There is concern about structural damage to existing houses.**

- Will look at predictions later in presentation.
- Vibration levels that cause rattling are completely different from levels that cause structural damage (though still irritating).
- Sound barriers will also help at the building façade.

**There will be additional traffic from new development.**

**When the houses were built, and studies were done, the road had less traffic and had a load restriction. The road was never engineered to handle current loads - That's what's causing the vibration. Road is in poor condition.**

- The designs shown later in the presentation will be based on 20-year predictions.

**Q. Does the prediction account for 4 lane cross-sections or two?**

- Yes, it was done (4).

**With 4-lane, the traffic will be closer, and vibration will be worse.**

- Some will be also be farther.

**Roads were not built to handle the level of traffic.**

**The speed limit changes on the road.**

- Was taken into account.

**Calculations should account for speeds that are +30 or +40 over the speed limit, not +10.**

**Q. Are only seven locations being looked at?**

- The locations were chosen to give an idea of the mitigation that would be required - Not that mitigation would be applied there only.

**Predictions are a constant sound, not the immediate sound that is heard.**

- Explanation of what  $L_{eq}$  is and relationship to subjective response.

**Information is being given about what could and should be done – what will be done?**

- Discuss later.

**Q. Where is the barrier measured from?**

Rear property line, not road.

**Q. Was reducing the speed limit considered?**

- Not considered because need Vaughan's cooperation to get speed limit lowered in both directions

**Vaughan won't be as concerned because their houses are much farther away.**

**Q. Is a certain material required for the sound barriers?**

Surface density requirements, examples of materials.

**Q. How soon will there be sound barriers?**

**\_ END OF PRESENTATION \_**

**Q. Tax increase in Caledon is already 6.88%. Barrier could be another 2%. The Problem has been going on for a long time. This should have been made a higher priority than Southfields pool. Diesel fumes should also have been considered. Do any councillors live there to feel what they do?**

- The Town is looking into it.
- Council has other people too, who look after other interests.
- Working with Region to get mitigation.
- Working with other councillors who need to be convinced.
- Council and Councillors directed staff to do this study
- Acknowledge the gap in road maintenance funding.

**Q. Who is responsible for fence that is currently falling down due to the trucks?**

- Responsibility of private owner at this point.

**Q. Why are trucks using Albion Vaughan? Can't they be made to use Coleraine?**

- Truck traffic is partially related to businesses in Bolton.

**Q. Can they take down their own fence and pay for their own barrier?**

- Staff will include discussion of this in their report.

**Highway 427 should be extended to Highway 9 to alleviate the problems.**

**Why are trucks not using the by-pass? Because they can't get to Highway 400 from there.**

**Q. What factors contribute to noise? Can you determine how much the condition of the road contributes?**

- Measurements in the first phase of the project were to see if there were special localized issues. Measurements and predicted results agreed well.

**Q. What will the timelines be? Need solutions soon.**

**There is an existing fence. Want to tear it down and want to build a new one.**

- Will look into it and email information on restrictions.

**(Residents expressing concern about timelines)**

**Want a sign on Industrial Road to King or Albion Vaughan for no trucks.**

Hello Carey:

I would like to make a presentation to the Council regarding the I CAN WE CAN initiative motivating youth in our communities.

Looking forward to hearing back from you.

Thank you for your efforts on my behalf.

Peter

