Environmental Noise Assessment

6460 MAIN STREET

Proposed Residential Development
Town of Whitchurch-Stouffville

OCTOBER 1, 2026

Project: 117-0130-100

PREPARED FOR:
2426009 Ontario Ltd.
Unit 401, 685 Sheppard Avenue
Toronto, Ontario
M2K 1B6

Version History

Version #	Date	Comments
1.0	October 1, 2026	Prepared for Client Submission

Authors

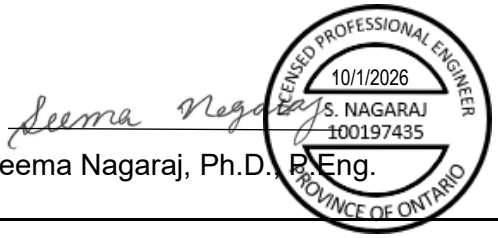
Prepared by	 Seema Nagaraj, Ph.D., P.Eng.

TABLE OF CONTENTS

EXECUTIVE SUMMARY 1

1.0 INTRODUCTION 1

1.1 SITE LOCATION AND SURROUNDING AREA 2

1.2 THE PROPOSED DEVELOPMENT 2

1.3 PEER REVIEW COMMENTS AND RESPONSES 2

2.0 NOISE SOURCES 4

2.1 TRANSPORTATION NOISE SOURCES 4

2.2 STATIONARY NOISE SOURCES 5

3.0 ENVIRONMENTAL NOISE GUIDELINES 5

3.1 MECP PUBLICATION NPC-300 5

3.1.1 Transportation Noise Sources 5

3.1.1.1 Architectural Elements 5

3.1.1.2 Ventilation 6

3.1.1.3 Outdoors 6

3.2 REGION OF YORK 6

4.0 NOISE IMPACT ASSESSMENT 6

5.0 NOISE ABATEMENT REQUIREMENTS 7

5.1 INDOORS 7

5.1.1 Architectural Elements 7

5.1.2 Ventilation Requirements 7

5.2 OUTDOORS 7

5.3 WARNING CLAUSES 8

6.0 CONCLUSIONS 8

7.0 REFERENCES 8

…cont'd/

TABLE OF CONTENTS (continued)

LIST OF TABLES

TABLE 1: ROAD TRAFFIC DATA 9

TABLE 2: PREDICTED OUTDOOR SOUND LEVELS 9

TABLE 3: NOISE ABATEMENT MEASURES 10

LIST OF FIGURES

FIGURE 1 KEY PLAN

FIGURE 2 SITE PLAN

LIST OF APPENDICES

APPENDIX A PEER REVIEW COMMENTS

APPENDIX B TRAFFIC DATA

APPENDIX C ENVIRONMENTAL NOISE GUIDELINES

APPENDIX D SAMPLE CALCULATION

APPENDIX E FLOOR PLANS AND ELEVATIONS

APPENDIX F GRADING PLAN

Environmental Noise Assessment

6460 Main Street

Proposed Residential Development

Town of Whitchurch-Stouffville

EXECUTIVE SUMMARY

Trinity Consultants Canada Inc. - Valcoustics previously prepared an Environmental Noise Feasibility Study, dated June 5, 2018, for the proposed residential development. This report has been prepared to address peer review comments prepared by RJ Burnside on behalf of the Town of Whitchurch-Stouffville. The analysis has also been updated with traffic data projected to 10 years from the current date, and accounts for the last site grading plan.

The significant transportation noise source in the vicinity is Main Street. There are no stationary noise sources in the vicinity that are expected to have a significant impact at the subject site.

The sound levels on site have been determined and assessed using the guidance from the Ministry of the Environment, Conservation and Parks (MECP) to determine the need for noise mitigation.

To meet the applicable transportation noise source guideline limits:

- Block B requires the provision for adding air conditioning at a later date;
- Exterior wall and window construction meeting the minimum non-acoustical requirements of the Ontario Building Code (OBC) will be sufficient to meet the indoor noise criteria.
- The proposed 2.0 m high sound barrier at the southernmost townhouse unit in Block B will mitigate the daytime Outdoor Living Area (OLA) sound levels to the applicable guideline limits. See Figure 2 for barrier location.

1.0 INTRODUCTION

Trinity Consultants Canada Inc. – Valcoustics previously prepared an Environmental Noise Feasibility Study, dated June 5, 2018, for the proposed residential development. This report has been prepared to address peer review comments prepared by RJ Burnside on behalf of the Town of Whitchurch-Stouffville, and to update the analysis accounting for the current site grading plan and traffic projections.

The potential sound levels and noise mitigation measures needed for the proposed development to comply with the MECP noise guidelines, together with the responses to the peer review comments, are presented herein.

1.1 SITE LOCATION AND SURROUNDING AREA

The site is located on the north side of Main Street, to the west of the intersection with Baker Street, in the Town of Whitchurch-Stouffville. The subject site is bounded by:

- Existing residential development to the north, east and west; and
- Main Street, with existing residential development beyond, to the south.

A Key Plan is included as Figure 1.

The analysis is based on the:

- Site Plan, prepared by Arrowsmith and Associates, last revised September 30, 2026; and
- Grading Plan, prepared by AME-Tech Development Limited, dated July 2026.

The Site Plan in included as Figure 2. The Grading Plan is attached as Appendix F.

1.2 THE PROPOSED DEVELOPMENT

The development will consist of two two-storey townhouse blocks (Blocks A and B). Block A will have four dwelling units and Block B will have five dwelling units. All dwellings will be provided with rear yard outdoor amenity space. There will also be a common recreation area located between the two blocks.

1.3 PEER REVIEW COMMENTS AND RESPONSES

Peer review comments were prepared by RJ Burnside on behalf of the Town of Whitchurch-Stouffville. The comments are attached as Appendix A.

The comments state:

Barrier analysis was done assuming flat terrain, which is acceptable and common practice for a feasibility study. At this stage, barrier height should be confirmed based on the latest Grading Plan. Traffic projections for 2031 calendar year should be used in the analysis.

Also, an absorptive surface assumption should be confirmed as it should not be used if less than half of the ground surface between the centre line of the traffic lanes and the point of reception is sound absorptive.

a) A revised report should be provided showing barrier analysis and predicted sound levels. Providing barrier height by itself is not sufficient.

b) Traffic projections should be done for 10-year future forecast, 2031 does not fulfill this requirement at this time anymore.

c) An absorptive surface should be confirmed, and revised if needed, at the Site Plan Approval stage and cannot be postponed to the Building Permit Application stage.

Our responses to the comments are:

- The sound barrier analysis has been updated using the Grading Plan attached as Appendix F to this report.
- The unmitigated and mitigated sound levels at the rear yard OLAs are discussed in Section 5.2. STAMSON calculations for the unmitigated and mitigated daytime OLA sound levels at the southernmost units in Block B are provided in Appendix D.
- The analysis has been updated with traffic volumes projected to the year 2036. See Section 2.1 for further discussion.
- The assessment locations, overlaid on aerial imagery of the site, are shown below. As shown on the image, the ground area in the vicinity of the site, between the assessment receptor locations and the centreline of Main Street, is primarily covered by grass and landscaping. The only paved areas are the driveway to the proposed dwellings and a single road traffic lane, i.e. the westbound lane on Main Street. It is noted that there are driveways and parking lots associated with uses farther to the east and west. However, since screening from the buildings on these properties was not included in the assessment, it would be overly conservative to model those areas as reflective surfaces. Thus, in our opinion, modelling the intermediate surfaces as absorptive ground is appropriate.



Further, it is noted that modelling the intermediate surface as reflective ground at the receptors closest to Main Street would not have a significant impact on the analysis. At the southernmost unit in Block B, the daytime/nighttime sound levels at the south façade (receptor location R2) would increase from 64 dBA/57 dBA to 65 dBA/59 dBA. The mitigated sound level at the rear yard OLA of the southernmost unit (receptor R4) would increase from 55 dBA to 56 dBA. If these 1-2 dB increases were to be included in the assessment, the ventilation requirement would remain as the provision for adding air conditioning, and the mitigated daytime OLA sound level would remain within maximum permitted under the MECP guidelines. Thus, using a reflective intermediate surface would not change the noise mitigation recommendations regardless.

2.0 NOISE SOURCES

2.1 TRANSPORTATION NOISE SOURCES

The noise source with potential to impact the proposed development is road traffic on Main Street. Traffic volumes on the other surrounding roadways are anticipated to be minor and no significant noise impact at the subject site is expected.

In the previous Noise Report, 24-hour traffic volumes applicable to the year 2008 for Main Street were obtained from the Town of Whitchurch-Stouffville and used in the assessment. The same data was used in this updated assessment. The volumes were projected to the year 2036 at a growth rate of 2%, compounded annually. Medium and heavy trucks were assumed to be 3% and 2%, respectively, of the total traffic volume. The day/night split was assumed to be 90%/10%, as is typical for such roadways.

It is noted that updated road traffic data, in the form of 12-hour turning movement counts (TMCs), completed between April-May 2023, were obtained as part of this study. The 12-hour counts were converted to 24-hour volumes using a factor of 1.35 (i.e. assuming that 74% of the daily traffic volume occurs during this 12-hour period, based on a typical traffic distribution). The 24-hour volumes were then projected to the year 2036 at a growth rate of 2%, compounded annually. The highest 24-hour traffic volume calculated using this method was 16,160 vehicles per day. This is significantly lower than the future volume determined based on the 2008 counts. Further, it is noted that the truck volumes were included in the year 2023 TMCs. The total truck volumes during the TMC count period were approximately 2% of the total traffic volume. This is also significantly lower than the (estimated) 5% truck volume that was used in the previous Noise Report.

Thus, although the full 24-hour traffic volumes and truck percentages from the 2023 counts were not available, the analysis above indicates that the use of the 2008 traffic data in this analysis is conservative.

The traffic data is shown in Appendix B and summarized in Table 1.

2.2 STATIONARY NOISE SOURCES

The stationary noise sources in the vicinity of the site are:

- the existing Summitview Public School, located approximately 125 m to the southeast;
- the existing Saint Bishoy Church, located approximately 90 m to the east;
- the existing St. James Presbyterian church, located approximately 50 m to the west; and
- existing low-rise commercial developments, including a variety store, a bakery and deli, and small retail stores, located approximately 95 m to the west of the site.

The main noise sources at these developments are anticipated to be the rooftop HVAC equipment. Based on aerial imagery of the site, the mechanical units at these facilities are anticipated to be small. Due to the size of the units, the distance separation, and the presence of intervening residential dwellings between the subject site and all of the facilities, noise from these facilities is not expected to have a significant impact at the subject site. Thus, these sources have not been considered further in this assessment.

3.0 ENVIRONMENTAL NOISE GUIDELINES

3.1 MECP PUBLICATION NPC-300

The applicable noise guidelines for new residential development are those in MECP Publication NPC-300, “Environmental Noise Guideline, Stationary and Transportation Sources - Approval and Planning”.

The environmental noise guidelines of the MECP, as provided in Publication NPC-300, are discussed briefly below and summarized in Appendix C.

3.1.1 Transportation Noise Sources

3.1.1.1 Architectural Elements

In the daytime, the indoor criterion for road noise is $L_{eq\ Day}$(1) of 45 dBA for sensitive spaces such as living/dining rooms, dens and bedrooms. At night, the indoor criterion for road noise is $L_{eq\ Night}$(2) of 45 dBA for sensitive spaces such as living/dining rooms and dens and 40 dBA for bedrooms.

The architectural design of the building envelope (walls, windows, etc.) must provide adequate sound isolation to achieve these indoor sound level limits.

(1) 16-hour energy equivalent sound level (0700-2300 hours).
(2) 8-hour energy equivalent sound level (2300-0700 hours).

3.1.1.2 Ventilation

In accordance with the MECP noise guideline for road traffic sources, if the daytime sound energy 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 at a later date. A warning clause advising the occupant of the potential interference with some activities is also required. At nighttime, air conditioning would be required when the sound level exceeds 60 dBA ($L_{eq\ Night}$) at a noise sensitive window (provision for adding air conditioning is required when greater than 50 dBA).

3.1.1.3 Outdoors

For outdoor amenity areas ("Outdoor Living Areas" - OLA's), the guideline is 55 dBA $L_{eq\ Day}$ (0700 to 2300 hours), with an excess not exceeding 5 dBA considered acceptable if it is technically not practicable to achieve the 55 dBA objective, providing warning clauses are registered on title.

3.2 REGION OF YORK

The Region of York requires noise attenuation barriers adjacent to regional roads be a minimum of 2.2 m high and up to a maximum of 3.0 m high. Also, any mitigation measures deemed necessary shall attempt to achieve a minimum reduction of 6 dBA. The Region's outdoor daytime sound criteria is 55 dBA. A marginal excess of up to 5 dBA over the criteria may be accepted if it can be shown that it is not feasible to meet the 55 dBA criteria.

4.0 NOISE IMPACT ASSESSMENT

Using the road traffic data in Table 1, the sound levels, in terms of equivalent continuous sound pressure level over the daytime and nighttime periods ($L_{eq\ Day}$ and $L_{eq\ Night}$), were determined using STAMSON V5.04 – ORNAMENT, the computerized road traffic noise prediction model of the MECP.

Based on the elevation drawings, the daytime and nighttime sound levels at the building facades were calculated at a height of 5.0 m above grade, representing top floor bedroom windows. The daytime OLA sound levels at the rear yards were calculated at a standing height of 1.5 m above grade, 3 m from the rear wall and aligned with the midpoint of the applicable facade.

Inherent acoustical screening of each building due to its orientation to the noise source was taken into account. Since some of the neighbouring dwellings are lower than the proposed townhouse units, screening from these dwellings was not included in the assessment of the facade sound levels but was included in the assessment of the OLA sound levels.

At the building facades, the highest unmitigated daytime/nighttime sound levels of 64 dBA/57 dBA are predicted to occur on the exterior plane of windows of the southerly unit of Block B, adjacent to Main Street. The highest unmitigated daytime OLA sound level of 61 dBA is predicted to occur at the same dwelling unit.

Table 2 summarizes the unmitigated daytime and nighttime sound level predictions.

5.0 NOISE ABATEMENT REQUIREMENTS

The noise control measures can generally be classified into two categories which are interrelated, but which the designer can treat separately for the most part:

a) Architectural elements to achieve acceptable indoor noise guidelines;

b) Design features to protect the OLA's.

Noise abatement requirements are summarized on Figure 2 and in Table 3 along with the notes to Table 3.

5.1 INDOORS

5.1.1 Architectural Elements

The indoor noise level guidelines can be achieved by using appropriate construction for exterior walls, windows and doors. In determining the worst-case architectural requirements for the residential units, wall and window areas were calculated based on the floor plan and elevation drawings (see Appendix E). The worst-case location was the bedroom at the southeast corner of Block B. On the south facade, the wall and window areas were calculated to be 44% and 11%, respectively, of the associated floor area. On the east facade, the wall and windows areas were calculated to be 66% and 15%, respectively, of the associated floor area.

Based on the above worst-case assessment, exterior wall and window construction meeting the minimum non-acoustical requirements of the OBC will be sufficient to achieve the indoor noise criteria.

5.1.2 Ventilation Requirements

Based on the predicted sound levels, the dwelling units in Block B require the provision for adding air conditioning at a later date. This typically takes the form of a ducted, forced air heating system, suitably sized to accommodate central air conditioning.

There are no ventilation requirements for Block A for noise control purposes.

5.2 OUTDOORS

The unmitigated daytime OLA sound levels in the rear yards the two southerly dwelling of Block B are predicted to be 61 dBA and 56 dBA. These sound levels exceed the 55 dBA objective.

A 2.0 m high sound barrier (top of fence elevation: 268.47 m) has been proposed at the southernmost townhouse unit in Block B. Accounting for this barrier, the mitigated daytime OLA sound levels at the southernmost and second-southernmost units are predicted to be 55 dBA and 51 dBA respectively. These sound levels are within the 55 dBA design objective. Thus, the proposed 2.0 m high acoustic fence is acceptable.

All other OLA's are farther removed and screened from Main Street and are therefore predicted to have sound levels within the 55 dBA design objective. Thus, sound barriers are not required at these locations for noise control purposes.

Sound barriers must be of solid construction having a minimum face density of 20 kg/m² with no gaps, cracks or holes, except small openings to accommodate drainage.

The above sound barrier requirements should be confirmed if the Grading Plan is revised.

5.3 WARNING CLAUSES

Warning clauses are a tool to inform prospective owners/occupants of potential annoyance due to existing noise sources. Where the guideline sound level limits are exceeded, appropriate warning clauses should be registered on title or included in the development agreement that is registered on title. The warning clauses should also be included in agreements of Offers of Purchase and Sale and lease/rental agreements to make future occupants aware of the potential noise situation. Locations requiring warning clauses and the appropriate wording are given in Table 3 and in the notes to Table 3, respectively.

6.0 CONCLUSIONS

With appropriate acoustical design of the development, a suitable acoustical environment can be provided and the applicable MECP noise guideline requirements met.

The approvals and administrative procedures are available to ensure that the acoustical requirements are implemented.

7.0 REFERENCES

1. PC STAMSON 5.04, “Computer Program for Road Traffic Noise Assessment", Ontario Ministry of the Environment, Conservation and Parks.
2. Building Practice Note No. 56: “Controlling Sound Transmission into Buildings”, by J. D. Quirt, Division of Building Research, National Council of Canada, September 1985.
3. “Environmental Noise Guideline, Stationary and Transportation Sources - Approval and Planning”, Ontario Ministry of the Environment, Publication NPC-300, October 2013.
4. “Road and Rail Noise: Effects on Housing”, Canada Mortgage and Housing Corporation, Publication NHA 5156, 81/10.
5. “Environmental Noise Feasibility Study, 6420 Main Street, Proposed Residential Development, Town of Whitchurch-Stouffville”, Valcoustics Canada Ltd., Project: 117-0130-100, June 5, 2018.

SN\sk
6420 Main Street, Whitchurch-Stouffville - Noise v1_0.docx

TABLE 1: ROAD TRAFFIC DATA

Roadway	AADT(1)	% Trucks		Day / Night Split (%)	Speed Limit (km/h)
		Medium	Heavy		
Main Street(2)	12 121 (21 103)	3	2	90/10	40

Notes:

(1) AADT – Annual Average Daily Traffic

(2) Traffic volumes for Main Street for the year 2008 were obtained from the Town of Whitchurch-Stouffville. Future traffic volumes were obtained by projecting the current volumes to the year 2028 at a growth rate of 2%, compounded annually. Medium and heavy truck percentages and day/night split were assumed.

TABLE 2: PREDICTED UNMITIGATED OUTDOOR SOUND LEVELS

Location(1)	Source	Distance (m)(3)	$L_{eq\ Day}$ (dBA)	$L_{eq\ Night}$ (dBA)
R1 Block A Southerly Unit (West Facade)	Main Street	64	51	44
R2 Block B Southerly Unit (South Facade)	Main Street	15	64	57
R3 Block B Southerly Unit (West Facade)	Main Street	15	61	54
R4 Block B Southerly Unit (OLA)	Main Street	20	61	-
R5 Block B 2nd Southerly Unit (OLA)	Main Street	27	56	-

Notes:

(1) See Figure 2.

(2) Distance indicated is taken from the centreline of the noise source to the point of reception.

TABLE 3: NOISE ABATEMENT MEASURES

Location	Air Conditioning[1]	Exterior Wall[2]	Exterior Window[3]	Sound Barrier[4]	Warning Clauses[5]
Block B	Provision for adding	No special acoustical requirements		2.0 m high at southerly unit	A + B
Block A	No special acoustical requirements				

Notes:

(1) Provision for adding air conditioning typically takes the form of a ducted ventilation system suitably sized to permit the addition of central air conditioning by the occupant.

(2) STC - Sound Transmission Class Rating (Reference ASTM-E413).

The requirements are based on the architectural drawing set included in Appendix E. The requirements should be confirmed if the plans are revised.

(3) STC - Sound Transmission Class Rating (Reference ASTM-E413). A sliding glass walkout door should be considered as a window and be included in the percentage of glazing.

The requirements are based on the architectural drawing set included in Appendix E. The requirements should be confirmed if the plans are revised.

(4) Sound barriers must be of solid construction having a minimum face density of 20 kg/m² with no gaps, cracks or holes, except small openings required to accommodate drainage. The acoustic fence height shown is taken relative to grade.

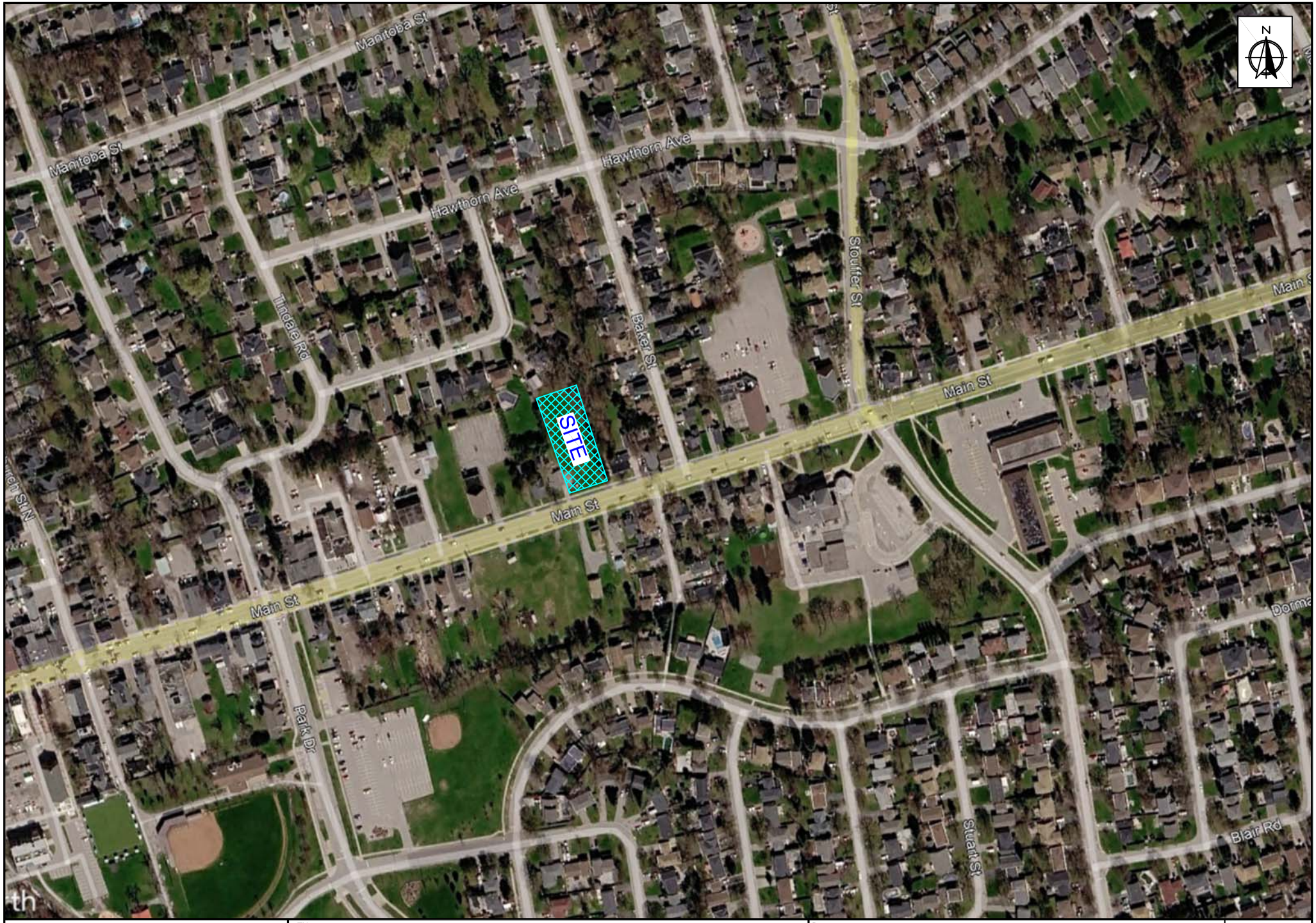
(5) Warning clauses to be registered on title and be included in Offers of Purchase and Sale for designated lots:

A. "Purchasers/tenants are advised that despite the inclusion of noise control features in the development and within the building units, sound levels due to increasing road traffic may occasionally interfere with some activities of the dwelling occupants as the sound level may exceed the noise criteria of the Ministry of the Environment and/or the municipality."

B. "This dwelling unit has been designed with the provision for adding central air conditioning at the occupant's discretion. Installation of central air conditioning by the occupant in low and medium density developments will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the Municipality and the Ministry of the Environment."

(5) Conventional ventilated attic roof construction meeting OBC requirements is satisfactory.

(6) All exterior doors shall be fully weatherstripped



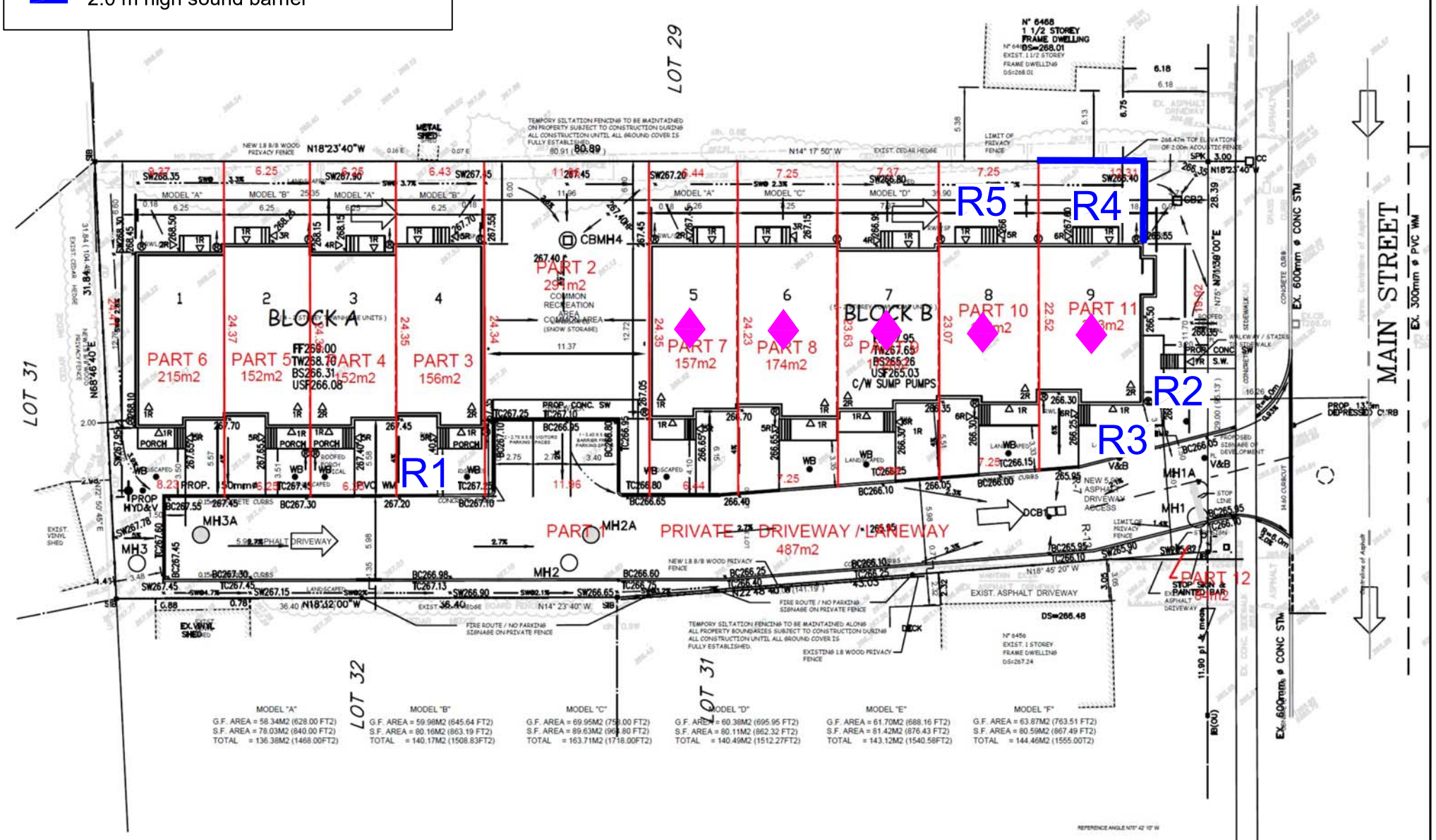
Trinity Consultants | VALCOUSTICS CANADA

Title: Key Plan	Date: Oct. 1, 2026
Project Name: 6460 Main Street, Whitchurch-Stouffville	Project No.: 117-0130-100

Figure 1

LEGEND

- Provision for adding air conditioning
- 2.0 m high sound barrier



BASE DRAWING BY ARROWSMITH AND ASSOCIATES

Trinity Consultants / VALCOUSTICS CANADA	Title: Site Plan	Date: Oct. 1, 2026	Figure: 2
	Project Name: 6460 Main Street, Whitchurch-Stouffville	Project No.: 117-0130-100	

APPENDIX A

PEER REVIEW COMMENTS

No.	Re	Description	February 2026 3rd Submission Response	
2.6	-	Cost estimates are required to be included with the next submission for the following: a) Internal site servicing and grading. b) External site servicing and grading (within Main Street). c) Landscaping. d) Lighting.	Alcorn	*Cost estimates for items a), b), c) and d) are provided in submission Item "18" listed on Page 1.*
Site Plan Comments - prepare by Bruce Alexander - July 15,2025				
2.7	1.5	*The entrance is to be revised per TWS Std. OPSD M350.010, including minimum radii and continuous sidewalk on Main Street.* Partially addressed. The entrance on SG-1 is correct but is not shown correctly on the Site Plan.	Alcorn	*Addressed by the updated entrance supported by Town staff, as shown on the Site Plan.*
2.8	1.6	*The site address and SPA number is to be indicated on this plan.* Addressed.	Alcorn	*Addressed*
2.9	1.7	*Label all curb radii.* Generally addressed.	Alcorn	*Addressed, as all curb radii are labelled.*
2.10	1.8	*Indicate a stop sign and a stop bar at the entrance and any fire route/no parking signage.* Addressed.	Alcorn	*Addressed*
Noise Feasibility Study - comments by Kristina Zeromskiene, Ph.D., LEL - July 15, 2025				
2.11	1.9	*Barrier analysis was done assuming flat terrain, which is acceptable and common practice for a feasibility study. At this stage, barrier height should be confirmed based on the latest Grading Plan. Traffic projections for 2031 calendar year should be used in the analysis.* *Also, an absorptive surface assumption should be confirmed as it should not be used if less than half of the ground surface between the centre line of the traffic lanes and the point of reception is sound absorptive.*	Alcorn	*Height of recommended 1.80m acoustical barrier/decorative solid wood fence is shown on Site Plan with an overall height of 268.15m above the proposed 266.35m grade.*

Ext. 243
905-764-5223

Seema: I will try to call you today (Fri. Randy. ~~624~~
re: Noise Report comments (yellow) from Burnside.
<seema@valcoustics.com>

Project 117-0130
June 5/18

		a) A revised report should be provided showing barrier analysis and predicted sound levels. Providing barrier height by itself is not sufficient. b) Traffic projections should be done for 10-year future forecast, 2031 does not fulfill this requirement at this time anymore. c) An absorptive surface should be confirmed, and revised if needed, at the Site Plan Approval stage and cannot be postponed to the Building Permit Application stage.		
Preliminary Geotechnical Investigation- comments by Jim Walls, P.Geo., QPESA - July 15, 2025				
2.12	1.10	*The report is to be revised to reference a geodetic benchmark.* Addressed.	Alcorn	*Addressed*
2.13	1.11	*The report does not reference the base elevation of the proposed building foundations and offers a wide range of groundwater elevations. The report or a separate hydrogeology report should clearly establish the seasonal high groundwater table elevation and demonstrate a 0.6 m separation between the seasonal high-water table and the underside of the lowest foundation elevation.* *The report should reference the design plans.* The Geotechnical Report still references the 2019 Site Plan and does not reference the site servicing and grading design or the Architectural Plans.		
Infiltration Water Balance Assessment - comments by Jim Walls, P.Geo., QPEsA – July 15, 2025				
		Required Addressed	Alcorn	*Addressed*
Stormwater Management Report-comments by Lana Russell, P.Eng - July 15, 2025				
2.15	-	The proposed development is located within an area where the existing storm sewer and ditch system is already deficient in handling the storm runoff. Further discussions are required with Town staff to determine the requirements of this development to address the downstream issues. This issue will need to be resolved prior to Site Plan Approval.	Alcorn	*Addressed at meeting with Town planning and Public Works staff and was resolved for site plan approval.*

APPENDIX B

TRAFFIC DATA

Town of Whitchurch-Stouffville
Traffic Counts

Last update – May 2009

Location	Date (week of)	A.A.D.T. (Approx.)	Monday to Friday Average
Main Street – between Mill Street and Church Street	September 21st, 2008	12,121	11,542
Main Street – east of Ninth Line	September 4th, 2000	12,768	12,640
Main Street – east of Stouffer Street	June 18th, 2001	11,279	10,795
Main Street – Highway 48 to Ringwood Drive	June 18th, 2004	18,271	18,134
Main Street – Mostar Street to Westlawn Crescent	June 18th, 2004	18,320	18,242
Main Street – Ninth Line to Tenth Line (north of Main Street)	June 22nd, 1998	19426	20,176
Main Street – Railroad tracks to Park Drive	June 18th, 2004	18,497	18,449
Main Street – Sandale Road to Palmwood Gate	June 22nd, 1998	17257	18362
Main Street – west of Durham Road #30	June 18th, 2001	4419	4,360
Main Street – West of Ringwood Drive	June 22nd, 1998	17,257	18,362

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Monday, Apr 24, 2023
Site Code:	2305200026
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:414+385+3155+4026=7980
Trucks:21+5+60+105=191
Total:191+7980=8171

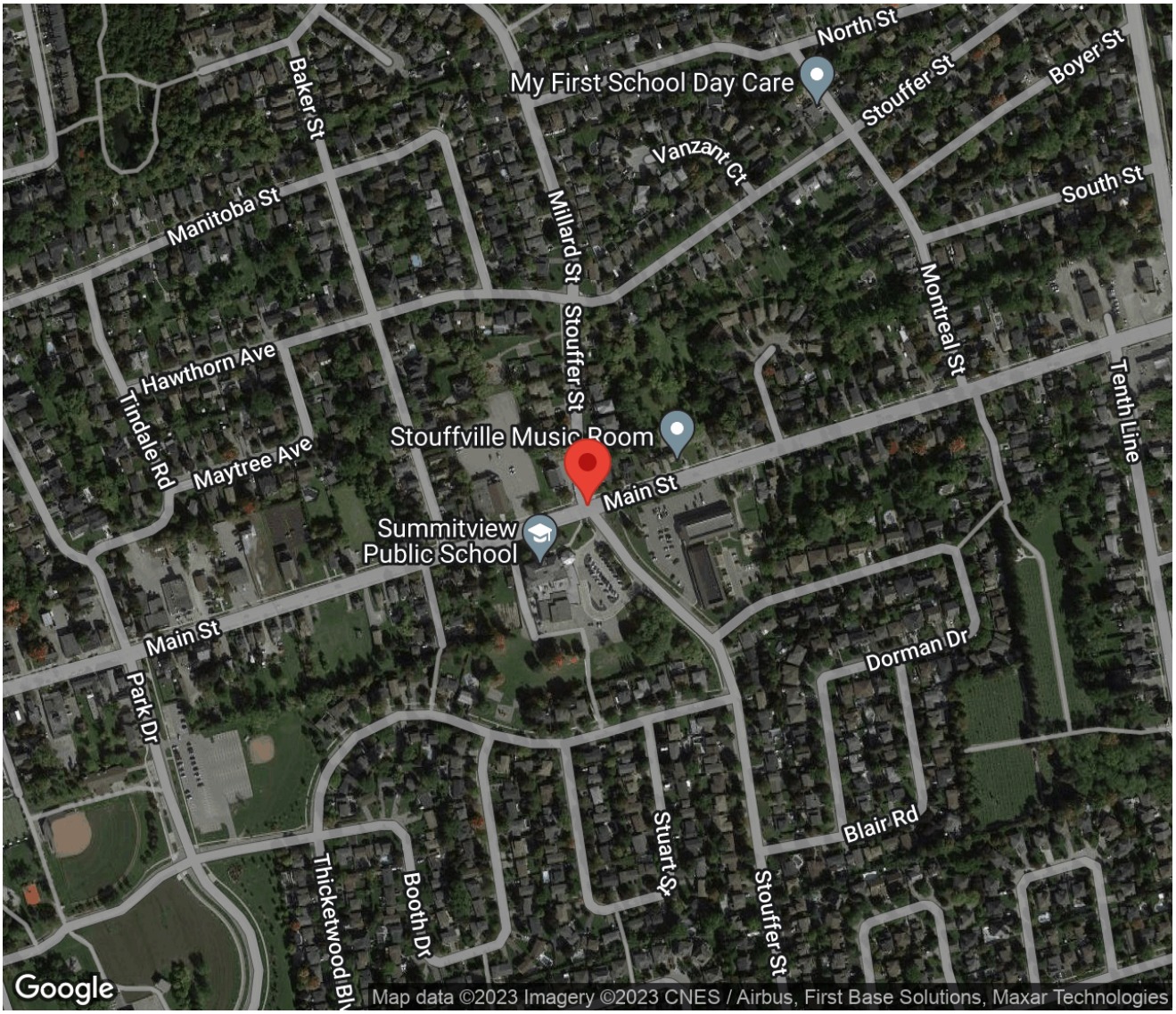
24-Hour Volume (2023): 8171*1.35=11,030.9
24-Hour Volume (2036):11,030.9*(1.02^(2036-2023))=1426

Total Truck Percentage: 191/8171=2.3%

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200026
Municipality:	Stouffville
Count Date:	Apr 24, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200026
Municipality: Stouffville
Count Date: Apr 24, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	7	2	9	0	18	0	0	0	0	0	0	0	0	0	0	2
07:15	1	1	5	0	7	1	0	0	0	1	0	0	0	0	0	2
07:30	9	3	10	0	22	2	1	0	0	3	0	0	0	0	0	3
07:45	10	5	14	0	29	1	1	0	0	2	0	0	0	0	0	1
08:00	18	17	13	0	48	0	1	0	0	1	0	0	0	0	0	0
08:15	17	17	9	0	43	1	0	0	0	1	0	0	0	0	0	8
08:30	12	9	21	0	42	0	0	2	0	2	0	0	0	0	0	5
08:45	8	1	11	0	20	0	0	1	0	1	0	0	0	0	0	3
09:00	5	1	12	0	18	0	0	1	0	1	0	0	0	0	0	1
09:15	8	3	8	0	19	0	0	1	0	1	0	0	0	0	0	0
09:30	6	2	10	0	18	0	0	0	0	0	0	0	0	0	0	0
09:45	2	1	7	0	10	0	0	1	0	1	0	0	0	0	0	0
10:00	4	1	5	0	10	0	0	0	0	0	0	0	0	0	0	3
10:15	2	1	8	0	11	0	0	0	0	0	0	0	0	0	0	1
10:30	2	3	7	0	12	0	0	1	0	1	0	0	0	0	0	0
10:45	3	6	8	0	17	0	0	0	0	0	0	0	0	0	0	1
11:00	5	0	7	0	12	0	0	2	0	2	0	0	0	0	0	1
11:15	1	2	12	0	15	0	0	0	0	0	0	0	0	0	0	4
11:30	4	2	7	0	13	0	0	1	0	1	0	0	0	0	0	1
11:45	5	0	11	0	16	0	0	0	0	0	0	0	0	0	0	1

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	2	6	7	0	15	0	0	1	0	1	0	0	0	0	0	0
12:15	5	0	10	0	15	0	0	1	0	1	0	0	0	0	0	2
12:30	2	3	7	0	12	0	0	1	0	1	0	0	0	0	0	0
12:45	4	1	12	0	17	0	0	1	0	1	0	0	0	0	0	0
13:00	4	7	10	0	21	0	0	0	0	0	0	0	0	0	0	2
13:15	4	2	4	0	10	0	0	0	0	0	0	0	0	0	0	0
13:30	4	2	7	0	13	0	0	0	0	0	0	0	0	0	0	1
13:45	6	2	4	0	12	0	0	1	0	1	0	0	0	0	0	3
14:00	4	0	10	0	14	0	0	0	0	0	0	0	0	0	0	3
14:15	2	3	4	0	9	1	0	1	0	2	0	0	0	0	0	1
14:30	4	1	10	0	15	0	0	0	0	0	0	0	0	0	0	1
14:45	15	23	5	0	43	1	1	0	0	2	0	0	0	0	0	1
15:00	6	8	9	0	23	1	1	1	0	3	0	0	0	0	0	5
15:15	10	3	8	0	21	0	1	0	0	1	0	0	0	0	0	1
15:30	5	10	5	0	20	0	0	1	0	1	0	0	0	0	0	1
15:45	7	5	9	0	21	0	0	0	0	0	0	0	0	0	0	3
16:00	12	12	12	0	36	1	0	0	0	1	0	0	0	0	0	1
16:15	10	7	11	0	28	0	0	1	0	1	0	0	0	0	0	2
16:30	7	6	10	0	23	0	0	1	0	1	0	0	0	0	0	4
16:45	4	4	4	0	12	0	0	1	0	1	0	0	0	0	0	8
17:00	11	11	7	0	29	0	0	0	0	0	0	0	0	0	0	6
17:15	9	5	16	0	30	0	0	0	0	0	0	0	0	0	0	2
17:30	10	3	5	0	18	0	0	0	0	0	0	0	0	0	0	0
17:45	7	1	7	0	15	0	0	0	0	0	0	0	0	0	0	3
18:00	6	3	6	0	15	0	0	0	0	0	0	0	0	0	0	1
18:15	6	4	10	0	20	0	0	0	0	0	0	0	0	0	0	2
18:30	8	5	5	0	18	0	0	0	0	0	0	0	0	0	0	4
18:45	2	4	6	0	12	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	305	218	414	0	937	9	6	21	0	36	0	0	0	0	0	95
GRAND TOTAL	305	218	414	0	937	9	6	21	0	36	0	0	0	0	0	95

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200026
Municipality: Stouffville
Count Date: Apr 24, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	10	0	2	0	12	0	0	0	0	0	0	0	0	0	0	1
07:15	7	3	2	0	12	1	0	0	0	1	0	0	0	0	0	0
07:30	12	2	1	0	15	1	0	0	0	1	0	0	0	0	0	1
07:45	10	17	4	0	31	0	1	0	0	1	0	0	0	0	0	1
08:00	9	18	4	0	31	0	0	0	0	0	0	0	0	0	0	4
08:15	21	7	14	0	42	0	0	0	0	0	0	0	0	0	0	90
08:30	17	3	6	0	26	0	1	0	0	1	0	0	0	0	0	5
08:45	7	2	4	0	13	0	0	0	0	0	0	0	0	0	0	3
09:00	12	4	1	0	17	0	0	0	0	0	0	0	0	0	0	0
09:15	6	4	2	0	12	0	0	0	0	0	0	0	0	0	0	2
09:30	5	3	2	0	10	0	0	0	0	0	0	0	0	0	0	1
09:45	7	2	2	0	11	1	0	0	0	1	0	0	0	0	0	0
10:00	2	2	3	0	7	0	0	0	0	0	0	0	0	0	0	2
10:15	4	1	1	0	6	0	0	0	0	0	0	0	0	0	0	1
10:30	10	1	1	0	12	0	0	0	0	0	0	0	0	0	0	1
10:45	8	4	0	0	12	0	0	0	0	0	0	0	0	0	0	3
11:00	7	2	0	0	9	0	0	0	0	0	0	0	0	0	0	1
11:15	8	1	2	0	11	0	0	1	0	1	0	0	0	0	0	0
11:30	10	0	1	0	11	0	0	1	0	1	0	0	0	0	0	1
11:45	4	2	4	0	10	0	0	0	0	0	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	4	1	1	0	6	0	0	0	0	0	0	0	0	0	0	3
12:15	9	2	8	0	19	0	0	0	0	0	0	0	0	0	0	6
12:30	4	4	1	0	9	0	0	0	0	0	0	0	0	0	0	0
12:45	9	1	4	0	14	0	0	0	0	0	0	0	0	0	0	1
13:00	5	3	3	0	11	0	0	1	0	1	0	0	0	0	0	0
13:15	4	1	3	0	8	0	0	0	0	0	0	0	0	0	0	9
13:30	3	3	1	0	7	0	0	0	0	0	0	0	0	0	0	0
13:45	7	2	5	0	14	0	0	0	0	0	0	0	0	0	0	0
14:00	3	5	1	0	9	0	0	0	0	0	0	0	0	0	0	1
14:15	5	6	1	0	12	0	0	0	0	0	0	0	0	0	0	1
14:30	7	6	4	0	17	1	0	0	0	1	0	0	0	0	0	1
14:45	10	2	7	0	19	1	0	0	0	1	0	0	0	0	0	13
15:00	16	19	5	0	40	0	0	0	0	0	0	0	0	0	0	79
15:15	10	4	7	0	21	0	0	1	0	1	0	0	0	0	0	2
15:30	7	1	4	0	12	0	0	0	0	0	0	0	0	0	0	3
15:45	5	4	4	0	13	0	0	3	0	3	0	0	0	0	0	3
16:00	11	4	5	0	20	0	0	0	0	0	0	0	0	0	0	1
16:15	13	4	5	0	22	0	0	0	0	0	0	0	0	0	0	2
16:30	13	6	4	0	23	0	0	0	0	0	0	0	0	0	0	5
16:45	11	4	3	0	18	0	1	0	0	1	0	0	0	0	0	0
17:00	7	4	2	0	13	0	0	0	0	0	0	0	0	0	0	1
17:15	7	4	8	0	19	0	0	0	0	0	0	0	0	0	0	0
17:30	10	3	2	0	15	0	0	0	0	0	0	0	0	0	0	0
17:45	14	6	1	0	21	0	0	0	0	0	0	0	0	0	0	2
18:00	6	2	2	0	10	0	0	0	0	0	0	0	0	0	0	0
18:15	3	1	4	0	8	0	0	0	0	0	0	0	0	0	0	0
18:30	4	3	1	0	8	0	0	0	0	0	0	0	0	0	0	3
18:45	2	2	2	0	6	0	0	0	0	0	0	0	0	0	0	2
SUBTOTAL	385	185	154	0	724	5	3	7	0	15	0	0	0	0	0	255
GRAND TOTAL	385	185	154	0	724	5	3	7	0	15	0	0	0	0	0	255

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200026
Municipality: Stouffville
Count Date: Apr 24, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	0	50	1	0	51	0	0	0	0	0	0	0	0	0	0	0
07:15	2	44	4	0	50	1	1	1	0	3	0	1	0	0	1	1
07:30	0	46	6	0	52	0	1	0	0	1	0	0	0	0	0	0
07:45	3	60	9	0	72	0	2	0	0	2	0	0	0	0	0	0
08:00	7	72	19	0	98	0	1	1	0	2	0	0	0	0	0	1
08:15	8	70	7	0	85	0	4	1	0	5	0	0	0	0	0	3
08:30	1	68	3	0	72	0	0	2	0	2	0	0	0	0	0	3
08:45	3	82	6	0	91	0	0	0	0	0	0	0	0	0	0	0
09:00	4	92	6	0	102	0	3	0	0	3	0	0	0	0	0	0
09:15	3	53	6	0	62	0	0	2	0	2	0	0	0	0	0	0
09:30	5	79	0	0	84	0	3	0	0	3	0	0	0	0	0	0
09:45	0	69	1	0	70	0	1	0	0	1	0	0	0	0	0	0
10:00	2	59	4	0	65	0	2	0	0	2	0	0	0	0	0	0
10:15	0	63	3	0	66	0	0	1	0	1	0	0	0	0	0	0
10:30	2	57	4	0	63	0	0	0	0	0	0	0	0	0	0	0
10:45	0	68	5	0	73	0	1	2	0	3	0	0	0	0	0	0
11:00	1	52	1	0	54	0	3	0	0	3	0	0	0	0	0	1
11:15	2	59	4	0	65	0	0	0	0	0	0	0	0	0	0	1
11:30	5	60	1	0	66	0	1	0	0	1	0	0	0	0	0	0
11:45	2	75	4	0	81	0	2	0	0	2	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
12:00	2	70	3	0	75	0	6	0	0	6	0	0	0	0	0	0
12:15	0	59	5	0	64	0	0	0	0	0	0	0	0	0	0	2
12:30	2	62	2	0	66	0	0	0	0	0	0	0	0	0	0	0
12:45	2	71	1	0	74	0	0	0	0	0	0	0	0	0	0	0
13:00	1	55	4	0	60	0	2	0	0	2	0	0	0	0	0	0
13:15	2	66	2	0	70	0	1	0	0	1	0	0	0	0	0	4
13:30	2	66	2	0	70	0	3	0	0	3	0	0	0	0	0	1
13:45	2	69	5	0	76	0	0	0	0	0	0	0	0	0	0	2
14:00	1	62	4	0	67	0	4	0	0	4	0	0	0	0	0	0
14:15	2	53	7	0	62	0	1	0	0	1	0	0	0	0	0	0
14:30	1	63	8	0	72	0	0	0	0	0	0	0	0	0	0	1
14:45	6	67	6	0	79	0	0	0	0	0	0	0	0	0	0	0
15:00	3	69	4	0	76	0	1	1	0	2	0	0	0	0	0	6
15:15	4	77	6	0	87	0	1	0	0	1	0	1	0	0	1	0
15:30	5	74	1	0	80	0	1	0	0	1	0	0	0	0	0	3
15:45	6	64	11	0	81	0	1	0	0	1	0	0	0	0	0	1
16:00	4	83	8	0	95	0	4	0	0	4	0	0	0	0	0	3
16:15	5	78	6	0	89	0	2	0	0	2	0	0	0	0	0	1
16:30	8	82	5	0	95	0	0	0	0	0	0	0	0	0	0	1
16:45	4	84	8	0	96	0	2	0	0	2	0	0	0	0	0	2
17:00	5	74	8	0	87	0	2	0	0	2	0	0	0	0	0	2
17:15	6	70	11	0	87	0	1	1	0	2	0	0	0	0	0	1
17:30	4	61	4	0	69	0	0	0	0	0	0	0	0	0	0	0
17:45	5	61	4	0	70	0	0	0	0	0	0	0	0	0	0	1
18:00	2	53	8	0	63	0	1	0	0	1	0	0	0	0	0	0
18:15	2	64	6	0	72	0	0	0	0	0	0	0	0	0	0	1
18:30	2	65	5	0	72	0	2	0	0	2	0	0	0	0	0	2
18:45	1	55	4	0	60	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	139	3155	242	0	3536	1	60	12	0	73	0	2	0	0	2	45
GRAND TOTAL	139	3155	242	0	3536	1	60	12	0	73	0	2	0	0	2	45

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200026
Municipality: Stouffville
Count Date: Apr 24, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	0	30	1	0	31	0	2	0	0	2	0	0	0	0	0	0
07:15	2	37	2	0	41	0	0	0	0	0	0	0	0	0	0	0
07:30	3	20	6	0	29	0	2	0	0	2	0	0	0	0	0	0
07:45	4	31	5	0	40	0	2	0	0	2	0	0	0	0	0	2
08:00	9	50	5	0	64	0	5	0	0	5	0	0	0	0	0	15
08:15	6	54	14	0	74	2	1	0	0	3	0	0	0	0	0	44
08:30	3	65	6	0	74	0	0	0	0	0	0	0	0	0	0	2
08:45	7	46	9	0	62	0	4	1	0	5	0	0	0	0	0	1
09:00	8	60	9	0	77	1	3	0	0	4	0	0	0	0	0	1
09:15	7	67	3	0	77	1	3	0	0	4	0	0	0	0	0	3
09:30	5	56	4	0	65	0	2	0	0	2	0	0	0	0	0	1
09:45	7	49	4	0	60	0	1	0	0	1	0	0	0	0	0	0
10:00	9	34	4	0	47	0	2	0	0	2	0	0	0	0	0	0
10:15	5	53	8	0	66	1	1	0	0	2	0	0	0	0	0	0
10:30	7	53	3	0	63	1	4	0	0	5	0	0	0	0	0	0
10:45	6	50	7	0	63	0	2	0	0	2	0	0	0	0	0	2
11:00	5	45	5	0	55	1	0	1	0	2	0	0	0	0	0	1
11:15	10	47	8	0	65	0	2	1	0	3	0	0	0	0	0	0
11:30	9	67	8	0	84	1	3	0	0	4	0	0	0	0	0	1
11:45	8	48	7	0	63	0	3	0	0	3	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	11	70	6	0	87	1	2	0	0	3	0	0	0	0	0	0
12:15	12	62	2	0	76	0	3	0	0	3	0	0	0	0	0	10
12:30	10	52	8	0	70	0	4	0	0	4	0	0	0	0	0	1
12:45	14	68	12	0	94	1	0	1	0	2	0	0	0	0	0	1
13:00	11	58	10	0	79	0	2	0	0	2	0	0	0	0	0	3
13:15	10	78	8	0	96	0	1	0	0	1	0	0	0	0	0	7
13:30	6	70	7	0	83	0	4	0	0	4	0	0	0	0	0	0
13:45	4	78	7	0	89	0	2	0	0	2	0	0	0	0	0	0
14:00	8	62	5	0	75	0	1	0	0	1	0	0	0	0	0	0
14:15	5	63	7	0	75	1	1	0	0	2	0	0	0	0	0	1
14:30	10	84	2	0	96	0	1	0	0	1	0	0	0	0	0	1
14:45	12	80	10	0	102	0	0	0	0	0	0	0	0	0	0	12
15:00	9	81	6	0	96	1	6	0	0	7	0	0	0	0	0	35
15:15	10	93	10	0	113	0	1	0	0	1	0	0	0	0	0	4
15:30	18	106	6	0	130	0	4	0	0	4	0	0	0	0	0	2
15:45	12	87	13	0	112	1	2	0	0	3	0	0	0	0	0	4
16:00	15	103	14	0	132	0	2	0	0	2	0	0	0	0	0	1
16:15	10	92	13	0	115	0	2	0	0	2	0	0	0	0	0	1
16:30	13	101	14	0	128	0	0	1	0	1	0	0	0	0	0	8
16:45	14	84	11	0	109	0	4	1	0	5	0	0	0	0	0	1
17:00	13	93	14	0	120	0	0	0	0	0	0	0	0	0	0	1
17:15	9	106	15	0	130	0	0	0	0	0	0	0	0	0	0	1
17:30	11	95	15	0	121	0	1	0	0	1	0	0	0	0	0	0
17:45	14	81	9	0	104	0	0	0	0	0	0	0	0	0	0	0
18:00	18	83	7	0	108	0	1	0	0	1	0	0	0	0	0	0
18:15	11	75	7	0	93	0	0	0	0	0	0	0	0	0	0	2
18:30	12	89	8	0	109	0	0	0	0	0	0	0	0	0	0	2
18:45	4	76	4	0	84	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	426	3232	368	0	4026	13	86	6	0	105	0	0	0	0	0	171
GRAND TOTAL	**426**	**3232**	**368**	**0**	**4026**	**13**	**86**	**6**	**0**	**105**	**0**	**0**	**0**	**0**	**0**	**171**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 – Town of Stouffville

Intersection Count Report

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Tuesday, Apr 25, 2023
Site Code:	2305200027
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Main Street - West Segment

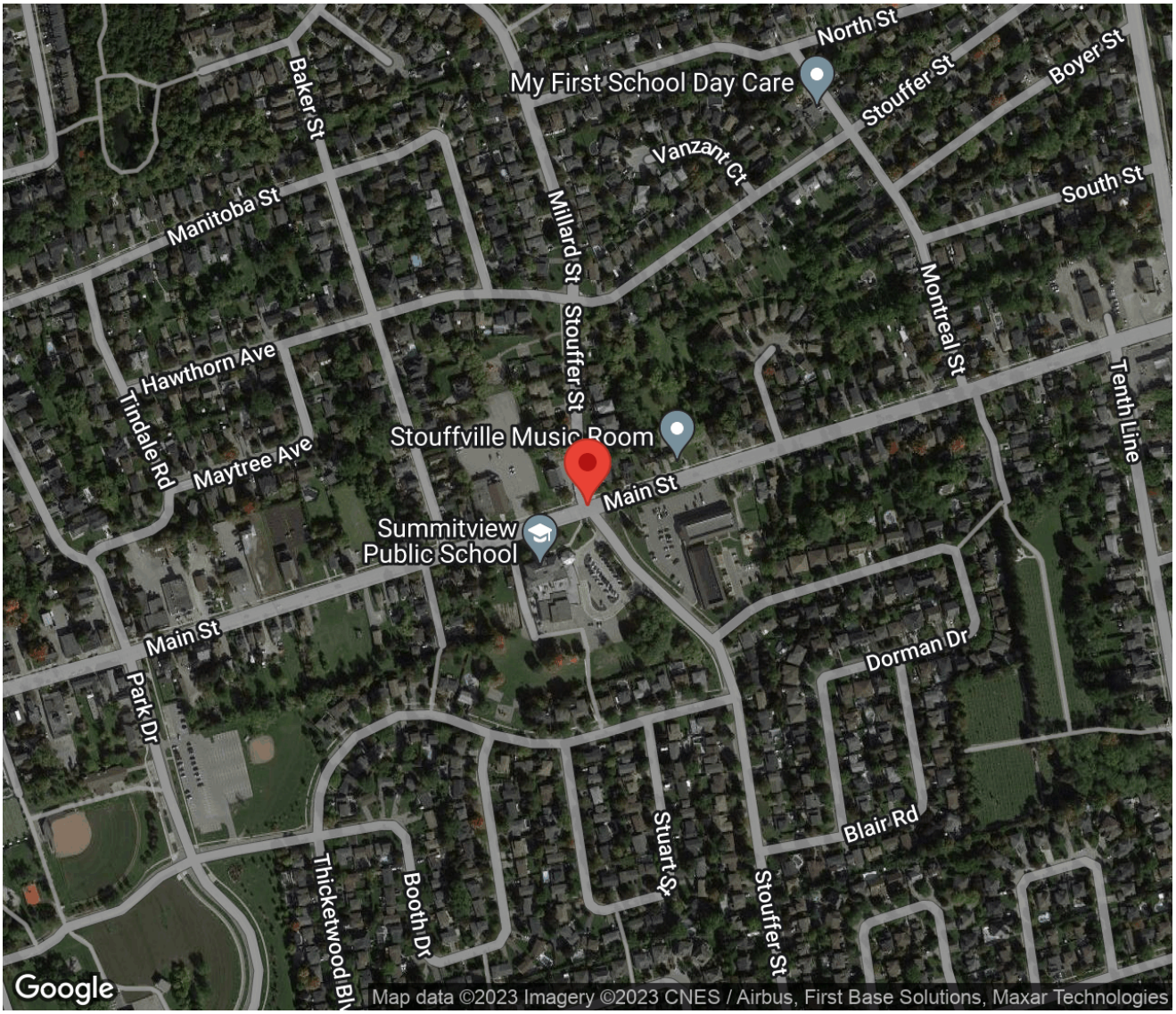
Total Volumes (12-Hour Count):
Cars:404+431+3408+4260=8503
Trucks:19+7+86+108=220
Total:8503+220=8723
24-Hour Volume (2023): 8723*1.35=11,776.1
24-Hour Volume (2036):11,776.1*(1.02^(2036-2023))=1

Total Truck Percentage: 220/8723=2.5%

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200027
Municipality:	Stouffville
Count Date:	Apr 25, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Summary

Intersection:	Main St & Stouffer St
Site Code:	2305200027
Municipality:	Stouffville
Count Date:	Apr 25, 2023

Stouffer St - Traffic Summary

	North Approach Totals						South Approach Totals						
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
Hour	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	Total
07:00 - 08:00	19	11	36	0	66	5	49	20	11	0	80	3	146
08:00 - 09:00	38	39	54	0	131	24	62	31	26	0	119	96	250
09:00 - 10:00	21	10	46	0	77	4	29	7	8	0	44	2	121
10:00 - 11:00	14	8	28	0	50	11	21	3	10	0	34	7	84
11:00 - 12:00	18	5	27	0	50	2	28	5	8	0	41	13	91
12:00 - 13:00	16	16	36	0	68	10	35	6	14	0	55	14	123
13:00 - 14:00	12	6	34	0	52	5	26	11	15	0	52	10	104
14:00 - 15:00	33	26	27	0	86	7	18	17	15	0	50	30	136
15:00 - 16:00	39	31	43	0	113	14	52	27	26	0	105	83	218
16:00 - 17:00	14	19	30	0	63	22	29	19	15	0	63	5	126
17:00 - 18:00	27	28	35	0	90	12	40	30	15	0	85	5	175
18:00 - 19:00	34	18	27	0	79	5	49	20	17	0	86	8	165
GRAND TOTAL	**285**	**217**	**423**	**0**	**925**	**121**	**438**	**196**	**180**	**0**	**814**	**276**	**1739**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Summary

Intersection:	Main St & Stouffer St
Site Code:	2305200027
Municipality:	Stouffville
Count Date:	Apr 25, 2023

Main St - Traffic Summary

	East Approach Totals						West Approach Totals						
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
Hour	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	Total
07:00 - 08:00	8	238	23	0	269	2	19	169	22	0	210	6	479
08:00 - 09:00	27	306	35	0	368	5	34	227	42	0	303	87	671
09:00 - 10:00	6	300	17	0	323	0	34	233	17	0	284	5	607
10:00 - 11:00	6	292	15	0	313	1	34	225	26	0	285	5	598
11:00 - 12:00	9	306	11	0	326	0	25	257	30	0	312	3	638
12:00 - 13:00	11	311	15	0	337	1	44	320	30	0	394	21	731
13:00 - 14:00	14	275	16	0	305	6	21	286	32	0	339	12	644
14:00 - 15:00	18	266	21	0	305	2	32	303	28	0	363	23	668
15:00 - 16:00	21	320	24	0	365	5	41	364	39	0	444	65	809
16:00 - 17:00	16	337	33	0	386	4	51	391	51	0	493	7	879
17:00 - 18:00	13	314	38	0	365	2	47	377	61	0	485	2	850
18:00 - 19:00	20	232	21	0	273	0	42	355	64	0	461	1	734
GRAND TOTAL	**169**	**3497**	**269**	**0**	**3935**	**28**	**424**	**3507**	**442**	**0**	**4373**	**237**	**8308**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200027
Municipality: Stouffville
Count Date: Apr 25, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↻	Total	↰	↑	↱	↻	Total	↰	↑	↱	↻	Total	
07:00	3	2	7	0	12	0	0	0	0	0	0	0	0	0	0	0
07:15	4	3	7	0	14	1	0	0	0	1	0	0	0	0	0	0
07:30	4	2	11	0	17	0	1	0	0	1	0	0	0	0	0	1
07:45	5	3	11	0	19	2	0	0	0	2	0	0	0	0	0	4
08:00	11	12	8	0	31	0	1	0	0	1	0	0	0	0	0	8
08:15	12	21	8	0	41	1	0	0	0	1	0	0	0	0	0	13
08:30	10	4	15	0	29	0	0	3	0	3	0	0	0	0	0	3
08:45	4	1	20	0	25	0	0	0	0	0	0	0	0	0	0	0
09:00	5	4	11	0	20	0	0	1	0	1	0	0	0	0	0	1
09:15	8	1	12	0	21	0	0	0	0	0	0	0	0	0	0	1
09:30	7	1	11	0	19	0	0	1	0	1	0	0	0	0	0	2
09:45	1	4	10	0	15	0	0	0	0	0	0	0	0	0	0	0
10:00	4	2	7	0	13	0	0	0	0	0	0	0	0	0	0	5
10:15	7	2	4	0	13	0	0	1	0	1	0	0	0	0	0	3
10:30	1	3	5	0	9	0	0	1	0	1	0	0	0	0	0	1
10:45	2	1	9	0	12	0	0	1	0	1	0	0	0	0	0	2
11:00	3	0	10	0	13	0	0	0	0	0	0	0	0	0	0	0
11:15	1	1	3	0	5	0	1	0	0	1	0	0	0	0	0	2
11:30	5	2	7	0	14	0	0	0	0	0	0	0	0	0	0	0
11:45	8	1	7	0	16	1	0	0	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	1	4	9	0	14	0	0	2	0	2	0	0	0	0	0	0
12:15	5	5	7	0	17	0	0	0	0	0	0	0	0	0	0	6
12:30	5	5	10	0	20	0	0	0	0	0	0	0	0	0	0	3
12:45	5	2	7	0	14	0	0	1	0	1	0	0	0	0	0	1
13:00	5	3	8	0	16	0	0	0	0	0	0	0	0	0	0	1
13:15	3	2	13	0	18	0	0	1	0	1	0	0	0	0	0	3
13:30	3	0	6	0	9	0	0	1	0	1	0	0	0	0	0	0
13:45	1	1	4	0	6	0	0	1	0	1	0	0	0	0	0	1
14:00	2	3	5	0	10	0	0	0	0	0	0	0	0	0	0	3
14:15	3	2	8	0	13	0	0	0	0	0	0	0	0	0	0	0
14:30	6	3	9	0	18	0	0	1	0	1	0	0	0	0	0	0
14:45	21	17	4	0	42	1	1	0	0	2	0	0	0	0	0	4
15:00	13	8	11	0	32	1	1	0	0	2	0	0	0	0	0	8
15:15	9	8	11	0	28	0	0	0	0	0	0	0	0	0	0	0
15:30	7	6	9	0	22	0	2	0	0	2	0	0	0	0	0	3
15:45	9	6	11	0	26	0	0	1	0	1	0	0	0	0	0	3
16:00	4	4	6	0	14	1	0	0	0	1	0	0	0	0	0	4
16:15	4	3	7	0	14	0	0	0	0	0	0	0	0	0	0	8
16:30	2	4	9	0	15	0	0	2	0	2	0	0	0	0	0	6
16:45	3	8	6	0	17	0	0	0	0	0	0	0	0	0	0	4
17:00	5	14	9	0	28	0	0	0	0	0	0	0	0	0	0	4
17:15	9	3	10	0	22	0	0	1	0	1	0	0	0	0	0	2
17:30	8	8	4	0	20	0	0	0	0	0	0	0	0	0	0	1
17:45	5	3	11	0	19	0	0	0	0	0	0	0	0	0	0	5
18:00	9	7	10	0	26	0	0	0	0	0	0	0	0	0	0	2
18:15	13	7	8	0	28	0	0	0	0	0	0	0	0	0	0	1
18:30	9	3	4	0	16	0	0	0	0	0	0	0	0	0	0	1
18:45	3	1	5	0	9	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	277	210	404	0	891	8	7	19	0	34	0	0	0	0	0	121
GRAND TOTAL	277	210	404	0	891	8	7	19	0	34	0	0	0	0	0	121

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200027
Municipality: Stouffville
Count Date: Apr 25, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	15	2	2	0	19	1	0	0	0	1	0	0	0	0	0	1
07:15	10	3	1	0	14	0	0	0	0	0	0	0	0	0	0	0
07:30	15	1	5	0	21	1	0	0	0	1	0	0	0	0	0	0
07:45	7	14	3	0	24	0	0	0	0	0	0	0	0	0	0	2
08:00	23	16	4	0	43	0	0	0	0	0	0	0	0	0	0	11
08:15	19	8	11	0	38	0	0	0	0	0	0	0	0	0	0	75
08:30	12	3	7	0	22	0	1	0	0	1	0	0	0	0	0	7
08:45	8	3	4	0	15	0	0	0	0	0	0	0	0	0	0	3
09:00	7	3	2	0	12	0	1	0	0	1	0	0	0	0	0	0
09:15	11	2	0	0	13	0	0	0	0	0	0	0	0	0	0	1
09:30	5	0	4	0	9	1	0	0	0	1	0	0	0	0	0	0
09:45	5	1	2	0	8	0	0	0	0	0	0	0	0	0	0	1
10:00	4	1	4	0	9	0	0	0	0	0	0	0	0	0	0	0
10:15	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	5
10:30	6	1	4	0	11	0	0	0	0	0	0	0	0	0	0	0
10:45	6	1	1	0	8	0	0	0	0	0	0	0	0	0	0	2
11:00	5	2	5	0	12	0	0	0	0	0	0	0	0	0	0	5
11:15	10	2	0	0	12	0	0	0	0	0	0	0	0	0	0	2
11:30	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	5
11:45	9	1	1	0	11	0	0	0	0	0	0	0	0	0	0	1

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	6	2	3	0	11	1	1	0	0	2	0	0	0	0	0	4
12:15	7	0	6	0	13	0	0	0	0	0	0	0	0	0	0	7
12:30	7	1	2	0	10	0	0	0	0	0	0	0	0	0	0	2
12:45	14	2	2	0	18	0	0	1	0	1	0	0	0	0	0	1
13:00	5	3	8	0	16	0	0	0	0	0	0	0	0	0	0	0
13:15	9	2	2	0	13	0	0	0	0	0	0	0	0	0	0	8
13:30	5	3	1	0	9	0	0	0	0	0	0	0	0	0	0	0
13:45	7	3	3	0	13	0	0	1	0	1	0	0	0	0	0	2
14:00	6	3	1	0	10	0	0	0	0	0	0	0	0	0	0	2
14:15	2	4	2	0	8	0	0	0	0	0	0	0	0	0	0	0
14:30	4	7	4	0	15	0	0	0	0	0	0	0	0	0	0	3
14:45	6	3	8	0	17	0	0	0	0	0	0	0	0	0	0	25
15:00	23	13	7	0	43	1	0	0	0	1	0	0	0	0	0	63
15:15	9	3	6	0	18	0	1	0	0	1	0	0	0	0	0	9
15:30	8	4	8	0	20	0	0	1	0	1	0	0	0	0	0	6
15:45	11	2	4	0	17	0	4	0	0	4	0	0	0	0	0	5
16:00	9	5	4	0	18	1	0	0	0	1	0	0	0	0	0	1
16:15	8	3	2	0	13	0	0	0	0	0	0	0	0	0	0	1
16:30	2	3	4	0	9	0	0	0	0	0	0	0	0	0	0	3
16:45	9	8	5	0	22	0	0	0	0	0	0	0	0	0	0	0
17:00	8	11	2	0	21	0	0	0	0	0	0	0	0	0	0	0
17:15	14	11	4	0	29	0	0	0	0	0	0	1	0	0	1	2
17:30	9	5	3	0	17	0	0	0	0	0	0	0	0	0	0	3
17:45	9	2	5	0	16	0	0	1	0	1	0	0	0	0	0	0
18:00	11	6	2	0	19	0	0	0	0	0	0	0	0	0	0	4
18:15	16	1	8	0	25	1	0	0	0	1	0	0	0	0	0	1
18:30	14	8	5	0	27	0	0	0	0	0	0	0	0	0	0	3
18:45	7	5	2	0	14	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	431	187	176	0	794	7	8	4	0	19	0	1	0	0	1	276
GRAND TOTAL	431	187	176	0	794	7	8	4	0	19	0	1	0	0	1	276

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200027
Municipality: Stouffville
Count Date: Apr 25, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	0	70	1	0	71	0	0	0	0	0	0	1	0	0	1	0
07:15	3	48	3	0	54	1	1	1	0	3	0	0	0	0	0	0
07:30	1	60	4	0	65	0	0	0	0	0	0	0	0	0	0	0
07:45	3	55	14	0	72	0	3	0	0	3	0	0	0	0	0	2
08:00	10	69	21	0	100	0	2	2	0	4	0	0	0	0	0	0
08:15	8	64	5	0	77	1	4	0	0	5	0	0	0	0	0	4
08:30	6	85	3	0	94	0	2	1	0	3	0	0	0	0	0	0
08:45	2	77	3	0	82	0	3	0	0	3	0	0	0	0	0	1
09:00	2	73	5	0	80	0	4	0	0	4	0	0	0	0	0	0
09:15	2	81	3	0	86	0	0	0	0	0	0	0	0	0	0	0
09:30	2	72	7	0	81	0	4	0	0	4	0	0	0	0	0	0
09:45	0	65	2	0	67	0	1	0	0	1	0	0	0	0	0	0
10:00	0	70	3	0	73	0	2	0	0	2	0	0	0	0	0	0
10:15	1	83	2	0	86	0	1	0	0	1	0	0	0	0	0	0
10:30	3	61	5	0	69	0	2	0	0	2	0	0	0	0	0	1
10:45	2	72	5	0	79	0	1	0	0	1	0	0	0	0	0	0
11:00	1	86	2	0	89	0	1	0	0	1	0	0	1	0	1	0
11:15	4	63	2	0	69	0	4	0	0	4	0	0	0	0	0	0
11:30	1	80	4	0	85	0	2	0	0	2	0	0	0	0	0	0
11:45	3	68	2	0	73	0	2	0	0	2	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
12:00	3	58	5	0	66	0	3	0	0	3	0	0	0	0	0	0
12:15	2	77	4	0	83	1	2	0	0	3	0	0	0	0	0	1
12:30	3	76	2	0	81	0	5	0	0	5	0	0	0	0	0	0
12:45	2	88	4	0	94	0	2	0	0	2	0	0	0	0	0	0
13:00	2	75	6	0	83	0	4	0	0	4	0	0	0	0	0	1
13:15	4	69	2	0	75	0	0	2	0	2	0	0	0	0	0	4
13:30	5	52	1	0	58	0	2	0	0	2	0	0	0	0	0	0
13:45	3	70	5	0	78	0	3	0	0	3	0	0	0	0	0	1
14:00	2	59	4	0	65	0	2	0	0	2	0	0	0	0	0	2
14:15	2	64	4	0	70	0	2	0	0	2	0	0	0	0	0	0
14:30	3	72	7	0	82	1	4	0	0	5	0	0	0	0	0	0
14:45	10	61	6	0	77	0	2	0	0	2	0	0	0	0	0	0
15:00	5	83	3	0	91	0	2	0	0	2	0	0	0	0	0	2
15:15	2	74	6	0	82	0	2	0	0	2	0	0	0	0	0	0
15:30	8	77	6	0	91	0	2	0	0	2	0	0	0	0	0	2
15:45	6	79	9	0	94	0	0	0	0	0	0	1	0	0	1	1
16:00	4	73	9	0	86	0	4	0	0	4	0	0	0	0	0	0
16:15	2	83	9	0	94	0	2	0	0	2	0	0	0	0	0	2
16:30	5	81	9	0	95	0	0	0	0	0	0	0	0	0	0	1
16:45	5	94	6	0	105	0	0	0	0	0	0	0	0	0	0	1
17:00	3	82	8	0	93	0	1	0	0	1	0	0	0	0	0	1
17:15	2	78	9	0	89	0	1	1	0	2	0	0	0	0	0	1
17:30	4	64	11	0	79	0	0	0	0	0	0	0	0	0	0	0
17:45	4	88	9	0	101	0	0	0	0	0	0	0	0	0	0	0
18:00	2	59	6	0	67	0	1	0	0	1	0	0	0	0	0	0
18:15	9	53	3	0	65	1	0	0	0	1	0	1	0	0	1	0
18:30	3	60	8	0	71	0	1	0	0	1	0	0	0	0	0	0
18:45	5	57	4	0	66	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	164	3408	261	0	3833	5	86	7	0	98	0	3	1	0	4	28
GRAND TOTAL	164	3408	261	0	3833	5	86	7	0	98	0	3	1	0	4	28

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200027
Municipality: Stouffville
Count Date: Apr 25, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	3	40	3	0	46	0	3	0	0	3	0	0	0	0	0	0
07:15	5	40	6	0	51	0	2	0	0	2	0	0	0	0	0	1
07:30	7	39	4	0	50	0	3	0	0	3	0	0	0	0	0	1
07:45	4	40	9	0	53	0	2	0	0	2	0	0	0	0	0	4
08:00	5	46	11	0	62	1	2	0	0	3	0	0	0	0	0	4
08:15	12	47	16	0	75	0	2	1	0	3	0	0	0	0	0	75
08:30	5	71	7	0	83	1	1	0	0	2	0	0	0	0	0	4
08:45	10	57	6	0	73	0	1	1	0	2	0	0	0	0	0	4
09:00	11	63	5	0	79	1	4	0	0	5	0	0	0	0	0	0
09:15	4	63	6	0	73	0	3	0	0	3	0	0	0	0	0	2
09:30	8	47	3	0	58	0	1	0	0	1	0	0	0	0	0	2
09:45	9	51	3	0	63	1	1	0	0	2	0	0	0	0	0	1
10:00	5	57	7	0	69	0	2	0	0	2	0	0	0	0	0	1
10:15	10	49	5	0	64	2	1	0	0	3	0	0	0	0	0	0
10:30	11	50	8	0	69	0	2	0	0	2	0	0	0	0	0	2
10:45	6	61	6	0	73	0	3	0	0	3	0	0	0	0	0	2
11:00	6	55	7	0	68	0	5	0	0	5	0	0	0	0	0	0
11:15	6	62	6	0	74	0	3	2	0	5	0	0	0	0	0	1
11:30	6	63	8	0	77	1	4	0	0	5	0	0	0	0	0	2
11:45	6	61	6	0	73	0	2	1	0	3	0	2	0	0	2	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	7	73	8	0	88	1	1	0	0	2	0	0	0	0	0	2
12:15	7	83	4	0	94	1	2	1	0	4	0	1	0	0	1	19
12:30	14	87	10	0	111	0	2	0	0	2	0	0	0	0	0	0
12:45	13	71	7	0	91	1	0	0	0	1	0	0	0	0	0	0
13:00	4	69	7	0	80	0	3	0	0	3	0	0	0	0	0	2
13:15	8	72	13	0	93	0	1	0	0	1	0	0	0	0	0	9
13:30	7	65	4	0	76	1	3	0	0	4	0	0	0	0	0	1
13:45	1	72	7	0	80	0	1	1	0	2	0	0	0	0	0	0
14:00	7	73	4	0	84	1	1	0	0	2	0	0	0	0	0	2
14:15	7	92	6	0	105	0	3	0	0	3	0	0	0	0	0	0
14:30	7	58	7	0	72	0	2	0	0	2	0	0	0	0	0	1
14:45	10	74	11	0	95	0	0	0	0	0	0	0	0	0	0	20
15:00	7	94	11	0	112	1	3	0	0	4	0	0	0	0	0	42
15:15	6	69	8	0	83	0	2	0	0	2	0	0	0	0	0	9
15:30	16	86	8	0	110	0	3	0	0	3	0	0	0	0	0	13
15:45	11	104	12	0	127	0	3	0	0	3	0	0	0	0	0	1
16:00	15	96	12	0	123	1	0	0	0	1	0	0	0	0	0	4
16:15	11	89	16	0	116	0	1	0	0	1	2	0	0	0	2	0
16:30	13	106	13	0	132	1	0	0	0	1	0	0	0	0	0	1
16:45	8	99	10	0	117	0	0	0	0	0	0	0	0	0	0	2
17:00	15	100	16	0	131	0	3	0	0	3	0	0	0	0	0	2
17:15	8	86	18	0	112	0	0	0	0	0	0	0	0	0	0	0
17:30	15	90	15	0	120	0	1	0	0	1	0	0	0	0	0	0
17:45	9	97	12	0	118	0	0	0	0	0	0	0	0	0	0	0
18:00	9	102	9	0	120	0	2	0	0	2	0	0	0	0	0	1
18:15	11	88	27	0	126	0	0	0	0	0	0	0	0	0	0	0
18:30	11	78	21	0	110	0	0	0	0	0	0	0	0	0	0	0
18:45	11	83	7	0	101	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	407	3418	435	0	4260	15	86	7	0	108	2	3	0	0	5	237
GRAND TOTAL	407	3418	435	0	4260	15	86	7	0	108	2	3	0	0	5	237

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 – Town of Stouffville

Intersection Count Report

Main St - West Segment

Total Volumes (12-Hour Count):
Cars: 409+416+3656+4280=8761
Trucks:19+3+84+107=213
Total:8761+213=8974

24-Hour Volume (2023): 8974*1.35=12,114.9
24-Hour Volume (2036):12,114.9*(1.02^(2036-2023))=15671.

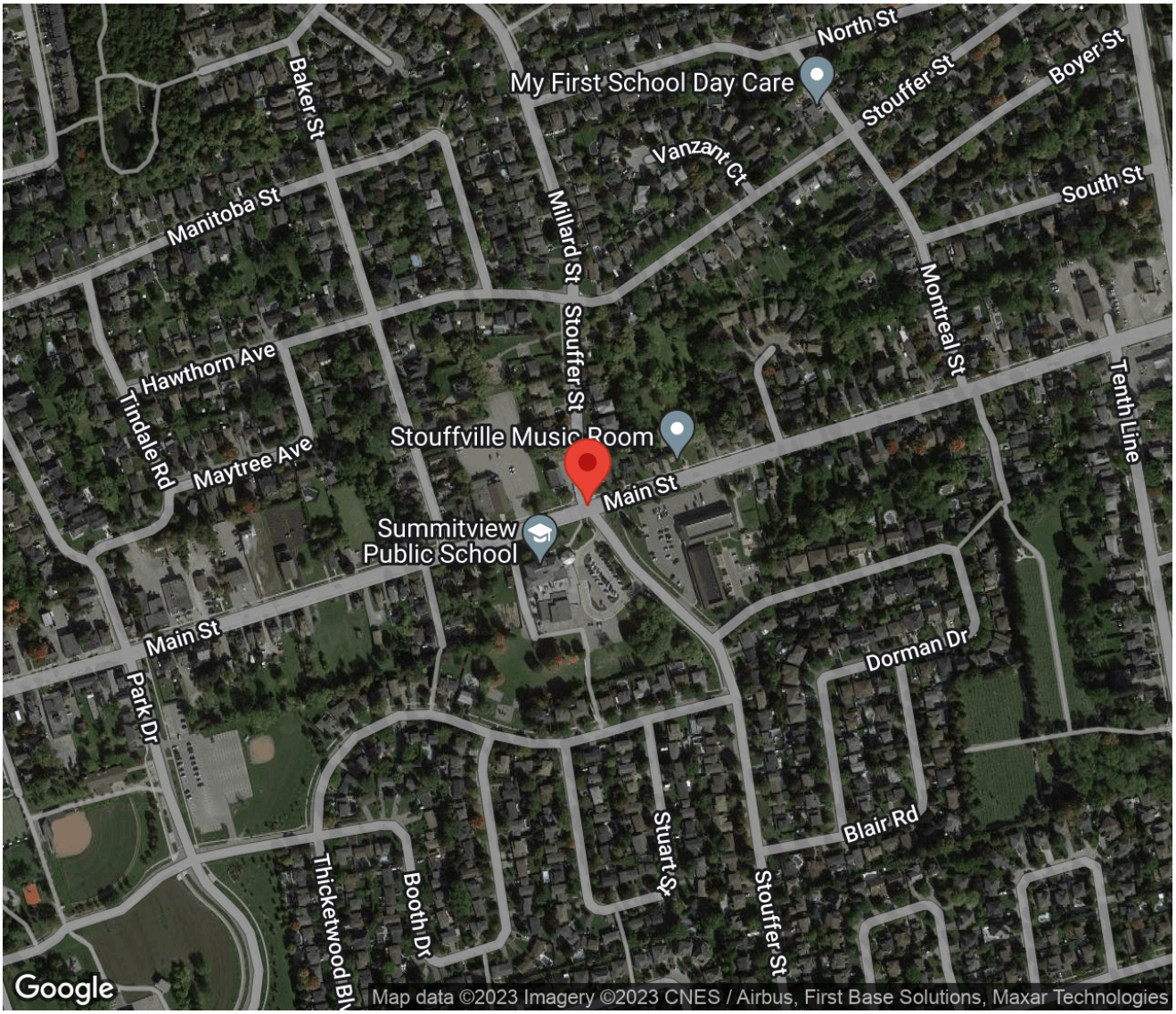
Total Truck Percentage: 213/8974=2.4%

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Wednesday, Apr 26, 2023
Site Code:	2305200028
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200028
Municipality:	Stouffville
Count Date:	Apr 26, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200028
Municipality: Stouffville
Count Date: Apr 26, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	7	1	12	0	20	0	0	0	0	0	0	0	0	0	0	1
07:15	5	4	7	0	16	1	0	0	0	1	0	0	0	0	0	2
07:30	10	6	17	0	33	1	1	0	0	2	0	0	0	0	0	1
07:45	8	4	17	0	29	1	0	0	0	1	0	0	0	0	0	2
08:00	14	16	11	0	41	0	1	0	0	1	0	0	0	0	0	3
08:15	17	20	14	0	51	1	0	0	0	1	0	0	0	0	0	5
08:30	13	8	13	0	34	0	1	2	0	3	0	0	0	0	0	5
08:45	7	2	14	0	23	0	0	0	0	0	0	0	0	0	0	1
09:00	5	3	13	0	21	0	0	0	0	0	0	0	0	0	0	1
09:15	7	1	7	0	15	0	0	0	0	0	0	0	0	0	0	2
09:30	1	1	6	0	8	0	0	1	0	1	0	0	0	0	0	1
09:45	5	3	6	0	14	0	0	1	0	1	0	0	0	0	0	0
10:00	2	1	8	0	11	0	0	1	0	1	0	0	0	0	0	2
10:15	4	0	5	0	9	0	0	0	0	0	0	0	0	0	0	0
10:30	2	1	3	0	6	0	0	1	0	1	0	0	0	0	0	2
10:45	3	0	9	0	12	0	0	0	0	0	0	0	1	0	1	0
11:00	7	1	7	0	15	0	0	0	0	0	0	0	0	0	0	1
11:15	7	5	5	0	17	1	0	1	0	2	0	0	0	0	0	2
11:30	2	2	7	0	11	0	1	0	0	1	0	0	0	0	0	3
11:45	3	2	18	0	23	0	0	0	0	0	0	0	0	0	0	3

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	2	4	7	0	13	0	0	1	0	1	0	0	0	0	0	2
12:15	6	5	10	0	21	0	1	0	0	1	0	0	0	0	0	5
12:30	5	1	5	0	11	0	1	1	0	2	0	0	0	0	0	5
12:45	3	4	5	0	12	0	0	0	0	0	0	0	0	0	0	1
13:00	4	1	8	0	13	0	1	0	0	1	0	0	0	0	0	3
13:15	2	2	9	0	13	0	0	0	0	0	0	0	0	0	0	1
13:30	6	4	5	0	15	0	0	1	0	1	0	0	0	0	0	1
13:45	1	3	5	0	9	0	0	0	0	0	0	0	0	0	0	1
14:00	2	2	6	0	10	0	0	1	0	1	0	0	0	0	0	0
14:15	2	1	6	0	9	0	0	0	0	0	0	0	0	0	0	1
14:30	5	3	7	0	15	0	0	1	0	1	0	0	0	0	0	3
14:45	15	24	6	0	45	1	1	1	0	3	0	0	0	0	0	0
15:00	10	4	5	0	19	1	1	2	0	4	0	0	0	0	0	12
15:15	7	7	6	0	20	0	1	1	0	2	0	0	0	0	0	2
15:30	8	6	9	0	23	0	0	1	0	1	0	0	0	0	0	0
15:45	6	2	6	0	14	0	0	0	0	0	0	0	0	0	0	0
16:00	10	8	9	0	27	1	0	0	0	1	0	0	0	0	0	3
16:15	7	4	8	0	19	0	0	0	0	0	0	0	0	0	0	7
16:30	2	9	8	0	19	0	0	2	0	2	0	0	0	0	0	5
16:45	6	4	10	0	20	0	0	0	0	0	0	0	0	0	0	2
17:00	2	9	3	0	14	0	0	0	0	0	0	0	0	0	0	0
17:15	9	5	10	0	24	0	0	0	0	0	0	0	0	0	0	1
17:30	8	4	10	0	22	0	0	0	0	0	0	0	0	0	0	2
17:45	6	4	15	0	25	0	0	0	0	0	0	0	0	0	0	0
18:00	7	5	6	0	18	1	0	0	0	1	0	0	0	0	0	3
18:15	6	5	9	0	20	0	0	0	0	0	0	0	0	0	0	1
18:30	4	3	8	0	15	0	0	0	0	0	0	0	0	0	0	2
18:45	6	5	9	0	20	0	0	0	0	0	0	0	0	0	0	4
SUBTOTAL	286	219	409	0	914	9	10	19	0	38	0	0	1	0	1	104
GRAND TOTAL	**286**	**219**	**409**	**0**	**914**	**9**	**10**	**19**	**0**	**38**	**0**	**0**	**1**	**0**	**1**	**104**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200028
Municipality: Stouffville
Count Date: Apr 26, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
07:15	11	5	6	0	22	0	0	0	0	0	0	0	0	0	0	0
07:30	14	7	3	0	24	1	0	1	0	2	0	0	0	0	0	4
07:45	11	12	3	0	26	0	0	0	0	0	0	0	0	0	0	5
08:00	11	27	1	0	39	0	0	0	0	0	0	0	0	0	0	10
08:15	28	8	14	0	50	0	0	0	0	0	0	0	0	0	0	90
08:30	19	1	3	0	23	0	0	0	0	0	0	0	0	0	0	4
08:45	5	3	4	0	12	0	0	0	0	0	0	0	0	0	0	3
09:00	13	1	3	0	17	0	1	0	0	1	0	0	0	0	0	3
09:15	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0
09:30	4	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:45	7	4	2	0	13	0	0	0	0	0	0	0	0	0	0	1
10:00	9	0	1	0	10	0	0	0	0	0	0	0	0	0	0	2
10:15	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
10:30	5	1	2	0	8	0	1	0	0	1	0	0	0	0	0	1
10:45	5	2	1	0	8	0	0	0	0	0	0	0	0	0	0	1
11:00	3	0	4	0	7	0	0	0	0	0	0	0	0	0	0	3
11:15	6	2	1	0	9	0	0	0	0	0	0	0	0	0	0	3
11:30	4	2	3	0	9	0	0	0	0	0	0	0	0	0	0	2
11:45	9	2	3	0	14	0	0	0	0	0	0	0	0	0	0	3

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	5	3	3	0	11	0	0	0	0	0	0	0	0	0	0	1
12:15	12	0	3	0	15	0	1	0	0	1	0	0	0	0	0	4
12:30	6	1	4	0	11	0	0	1	0	1	0	0	0	0	0	2
12:45	10	2	3	0	15	0	0	0	0	0	0	0	0	0	0	3
13:00	5	4	3	0	12	0	0	0	0	0	0	0	0	0	0	0
13:15	9	0	4	0	13	0	0	0	0	0	0	0	0	0	0	8
13:30	3	3	5	0	11	0	0	0	0	0	0	0	0	0	0	2
13:45	3	2	5	0	10	0	0	0	0	0	0	0	0	0	0	2
14:00	5	5	1	0	11	0	0	0	0	0	0	0	0	0	0	0
14:15	5	4	1	0	10	0	0	0	0	0	0	0	0	0	0	2
14:30	8	6	2	0	16	0	0	0	0	0	0	0	0	0	0	3
14:45	7	3	1	0	11	1	0	0	0	1	0	0	0	0	0	29
15:00	22	10	6	0	38	0	0	0	0	0	0	0	0	0	0	68
15:15	12	3	8	0	23	1	0	0	0	1	0	0	0	0	0	11
15:30	9	2	6	0	17	0	0	0	0	0	0	0	0	0	0	3
15:45	9	10	5	0	24	0	3	0	0	3	0	0	0	0	0	4
16:00	7	2	2	0	11	0	1	0	0	1	0	0	0	0	0	1
16:15	7	5	7	0	19	0	0	0	0	0	0	0	0	0	0	0
16:30	4	2	3	0	9	0	0	0	0	0	0	0	0	0	0	2
16:45	10	3	2	0	15	0	0	0	0	0	0	0	0	0	0	0
17:00	8	4	5	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	13	8	4	0	25	0	0	0	0	0	0	0	0	0	0	0
17:30	7	7	4	0	18	0	0	0	0	0	0	0	0	0	0	3
17:45	12	2	2	0	16	0	0	0	0	0	0	0	0	0	0	4
18:00	8	5	2	0	15	0	0	0	0	0	0	0	0	0	0	3
18:15	8	5	0	0	13	0	0	0	0	0	0	0	0	0	0	0
18:30	7	4	4	0	15	0	0	0	0	0	0	0	0	0	0	3
18:45	11	0	2	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	416	183	155	0	754	3	7	2	0	12	0	0	0	0	0	298
GRAND TOTAL	416	183	155	0	754	3	7	2	0	12	0	0	0	0	0	298

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200028
Municipality: Stouffville
Count Date: Apr 26, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	1	61	2	0	64	0	1	0	0	1	0	0	0	0	0	0
07:15	11	54	1	0	66	1	3	1	0	5	0	0	0	0	0	0
07:30	0	73	8	0	81	0	1	0	0	1	0	0	0	0	0	1
07:45	4	78	14	0	96	0	1	0	0	1	0	0	0	0	0	2
08:00	5	68	15	0	88	0	2	2	0	4	0	0	0	0	0	1
08:15	7	74	5	0	86	0	6	0	0	6	0	0	0	0	0	4
08:30	2	91	7	0	100	0	2	1	0	3	0	0	0	0	0	2
08:45	1	86	3	0	90	0	1	0	0	1	0	0	0	0	0	0
09:00	2	90	5	0	97	0	4	2	0	6	0	0	0	0	0	0
09:15	1	81	2	0	84	0	1	0	0	1	0	0	0	0	0	0
09:30	3	70	2	0	75	0	1	0	0	1	0	0	0	0	0	0
09:45	1	77	4	0	82	0	0	0	0	0	0	0	0	0	0	0
10:00	3	77	3	0	83	0	4	0	0	4	0	0	0	0	0	0
10:15	2	80	4	0	86	0	3	0	0	3	0	0	0	0	0	0
10:30	4	67	0	0	71	0	2	0	0	2	0	0	0	0	0	0
10:45	2	73	3	0	78	0	2	1	0	3	0	0	0	0	0	0
11:00	2	73	2	0	77	1	3	0	0	4	0	0	0	0	0	0
11:15	1	61	3	0	65	0	1	0	0	1	0	1	0	0	1	1
11:30	0	70	2	0	72	0	1	0	0	1	0	0	0	0	0	0
11:45	1	91	3	0	95	0	1	0	0	1	0	1	0	0	1	1

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	2	77	6	0	85	0	3	0	0	3	0	0	0	0	0	0
12:15	4	64	3	0	71	0	1	0	0	1	0	0	0	0	0	0
12:30	4	88	5	0	97	0	0	0	0	0	0	0	0	0	0	0
12:45	0	88	4	0	92	0	3	0	0	3	0	0	0	0	0	0
13:00	4	72	6	0	82	0	1	0	0	1	0	0	0	0	0	1
13:15	2	66	2	0	70	0	2	0	0	2	0	0	0	0	0	0
13:30	1	68	3	0	72	0	1	0	0	1	0	0	0	0	0	0
13:45	2	71	1	0	74	0	1	0	0	1	0	0	0	0	0	0
14:00	4	83	7	0	94	0	2	1	0	3	0	0	0	0	0	0
14:15	2	75	6	0	83	0	1	0	0	1	0	0	0	0	0	0
14:30	3	68	9	0	80	0	2	0	0	2	0	0	0	0	0	0
14:45	4	75	6	0	85	1	1	0	0	2	0	0	0	0	0	1
15:00	3	80	6	0	89	0	5	1	0	6	0	0	0	0	0	5
15:15	0	86	3	0	89	0	2	0	0	2	0	0	0	0	0	0
15:30	5	77	3	0	85	0	2	0	0	2	0	0	0	0	0	0
15:45	5	82	12	0	99	0	1	0	0	1	0	0	0	0	0	2
16:00	3	84	10	0	97	0	4	0	0	4	0	0	0	0	0	0
16:15	2	78	11	0	91	0	2	0	0	2	0	0	0	0	0	2
16:30	2	84	6	0	92	0	3	0	0	3	0	0	0	0	0	2
16:45	3	108	5	0	116	0	2	1	0	3	0	0	0	0	0	0
17:00	6	89	4	0	99	0	1	0	0	1	0	0	0	0	0	1
17:15	11	70	7	0	88	0	0	1	0	1	0	0	0	0	0	1
17:30	8	82	4	0	94	0	1	0	0	1	0	0	0	0	0	0
17:45	4	74	9	0	87	0	1	0	0	1	0	0	0	0	0	2
18:00	3	67	5	0	75	0	2	0	0	2	0	10	0	0	10	2
18:15	6	86	10	0	102	0	0	0	0	0	0	3	0	0	3	0
18:30	1	50	9	0	60	0	0	0	0	0	0	0	0	0	0	1
18:45	5	69	5	0	79	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	152	3656	255	0	4063	3	84	11	0	98	0	15	0	0	15	32
GRAND TOTAL	152	3656	255	0	4063	3	84	11	0	98	0	15	0	0	15	32

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200028
Municipality: Stouffville
Count Date: Apr 26, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	0	30	2	0	32	0	0	0	0	0	0	0	0	0	0	0
07:15	3	32	6	0	41	0	2	1	0	3	0	0	0	0	0	4
07:30	1	35	3	0	39	0	3	0	0	3	0	0	0	0	0	1
07:45	5	33	6	0	44	0	3	0	0	3	0	0	0	0	0	4
08:00	7	60	14	0	81	0	3	0	0	3	0	0	0	0	0	1
08:15	10	59	12	0	81	0	2	1	0	3	0	0	0	0	0	52
08:30	12	64	7	0	83	0	1	0	0	1	0	0	0	0	0	2
08:45	3	76	4	0	83	0	5	1	0	6	0	0	0	0	0	1
09:00	5	57	7	0	69	1	2	0	0	3	0	0	0	0	0	0
09:15	2	56	3	0	61	0	4	0	0	4	0	0	0	0	0	0
09:30	4	58	5	0	67	0	5	0	0	5	0	0	0	0	0	0
09:45	3	46	8	0	57	0	3	0	0	3	0	0	0	0	0	3
10:00	5	66	4	0	75	1	3	0	0	4	0	0	0	0	0	1
10:15	12	47	10	0	69	0	3	0	0	3	0	0	0	0	0	0
10:30	10	58	9	0	77	0	2	0	0	2	0	0	0	0	0	3
10:45	4	54	2	0	60	1	2	0	0	3	0	0	0	0	0	1
11:00	5	52	5	0	62	0	0	0	0	0	0	0	0	0	0	0
11:15	3	81	2	0	86	2	2	0	0	4	0	0	0	0	0	0
11:30	9	46	8	0	63	2	1	0	0	3	0	0	0	0	0	4
11:45	10	70	5	0	85	0	2	0	0	2	0	1	0	0	1	4

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	9	63	5	0	77	1	0	0	0	1	0	0	0	0	0	3
12:15	8	81	4	0	93	0	3	0	0	3	0	0	0	0	0	12
12:30	6	88	8	0	102	0	0	0	0	0	0	0	0	0	0	2
12:45	11	89	8	0	108	1	0	0	0	1	0	0	0	0	0	3
13:00	6	71	14	0	91	0	2	0	0	2	0	0	0	0	0	10
13:15	7	70	8	0	85	0	2	0	0	2	0	0	0	0	0	6
13:30	5	73	3	0	81	0	4	0	0	4	0	0	0	0	0	0
13:45	9	75	7	0	91	0	2	0	0	2	0	0	0	0	0	0
14:00	8	84	5	0	97	1	1	0	0	2	0	0	0	0	0	2
14:15	8	79	11	0	98	0	4	0	0	4	0	0	0	0	0	0
14:30	6	68	10	0	84	1	2	0	0	3	0	0	0	0	0	2
14:45	9	82	18	0	109	0	1	0	0	1	0	0	0	0	0	7
15:00	10	79	10	0	99	1	4	0	0	5	0	0	0	0	0	50
15:15	14	87	11	0	112	0	0	0	0	0	0	0	0	0	0	2
15:30	12	93	13	0	118	1	4	0	0	5	0	0	0	0	0	5
15:45	12	85	7	0	104	0	2	1	0	3	0	0	0	0	0	3
16:00	11	105	10	0	126	0	2	0	0	2	0	0	0	0	0	1
16:15	16	115	8	0	139	0	0	0	0	0	0	0	0	0	0	0
16:30	12	94	14	0	120	0	1	0	0	1	0	0	0	0	0	3
16:45	13	100	9	0	122	0	1	0	0	1	0	0	0	0	0	0
17:00	14	113	16	0	143	0	0	0	0	0	0	0	0	0	0	0
17:15	7	96	18	0	121	0	1	0	0	1	0	0	0	0	0	5
17:30	11	82	14	0	107	0	2	0	0	2	0	0	0	0	0	2
17:45	16	86	15	0	117	0	0	0	0	0	0	0	0	0	0	0
18:00	7	88	8	0	103	0	0	0	0	0	0	0	0	0	0	1
18:15	11	68	10	0	89	0	1	0	0	1	0	0	0	0	0	0
18:30	8	88	7	0	103	0	2	0	0	2	0	0	0	0	0	0
18:45	18	92	16	0	126	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	397	3474	409	0	4280	13	90	4	0	107	0	1	0	0	1	200
GRAND TOTAL	397	3474	409	0	4280	13	90	4	0	107	0	1	0	0	1	200

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Thursday, Apr 27, 2023
Site Code:	2305200029
Count Categories:	Cars, Trucks, Bicycles, Pedestri
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:446+394+3739+4417=8996
Trucks:13+7+77+114=211
Total:211+8996=9207

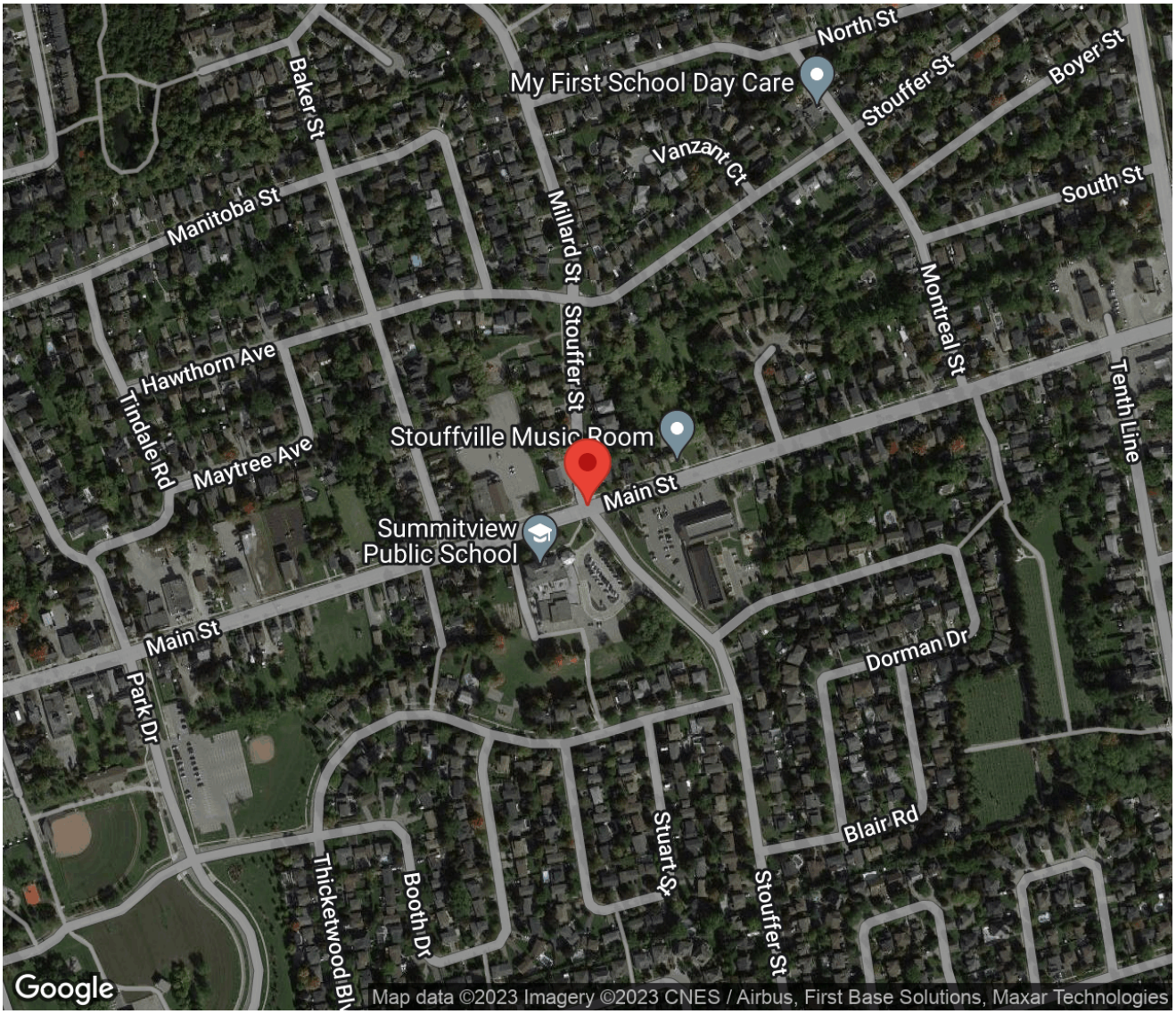
24-Hour Volume (2023): 9207*1.35=12,492.5
24-Hour Volume (2036):12,492.5*(1.02^(2036-2023))=16160.4

Total Truck Percentage: 211/9207=2.3%

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200029
Municipality:	Stouffville
Count Date:	Apr 27, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200029
Municipality: Stouffville
Count Date: Apr 27, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	9	2	12	0	23	0	0	0	0	0	0	0	0	0	0	1
07:15	5	1	10	0	16	1	0	0	0	1	0	0	0	0	0	1
07:30	9	0	18	0	27	2	1	0	0	3	0	0	0	0	0	1
07:45	10	4	11	0	25	1	0	0	0	1	0	0	0	0	0	0
08:00	16	16	11	0	43	0	1	0	0	1	0	0	0	0	0	1
08:15	24	27	19	0	70	1	0	0	0	1	0	0	0	0	0	18
08:30	6	6	15	0	27	0	0	2	0	2	0	0	0	0	0	2
08:45	11	5	10	0	26	0	0	0	0	0	0	0	0	0	0	4
09:00	6	3	17	0	26	0	0	0	0	0	0	0	0	0	0	2
09:15	5	4	9	0	18	0	1	0	0	1	0	0	0	0	0	3
09:30	4	1	5	0	10	0	0	0	0	0	0	1	0	0	1	1
09:45	2	2	8	0	12	0	0	0	0	0	0	0	0	0	0	2
10:00	4	2	8	0	14	0	0	0	0	0	0	0	0	0	0	2
10:15	7	2	5	0	14	0	0	0	0	0	0	0	0	0	0	2
10:30	2	0	9	0	11	0	0	0	0	0	0	0	0	0	0	1
10:45	4	2	10	0	16	0	0	1	0	1	0	0	0	0	0	3
11:00	5	2	7	0	14	0	0	1	0	1	0	0	0	0	0	0
11:15	2	4	7	0	13	0	0	0	0	0	0	0	0	0	0	1
11:30	3	3	1	0	7	0	0	0	0	0	0	0	0	0	0	2
11:45	5	1	12	0	18	1	0	0	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	6	6	9	0	21	0	0	1	0	1	0	0	0	0	0	3
12:15	5	3	10	0	18	0	0	0	0	0	0	0	0	0	0	9
12:30	4	1	9	0	14	0	0	1	0	1	0	0	0	0	0	1
12:45	5	6	4	0	15	0	0	1	0	1	0	2	0	0	2	2
13:00	10	4	9	0	23	0	1	0	0	1	0	0	0	0	0	1
13:15	4	2	8	0	14	0	0	0	0	0	0	0	0	0	0	5
13:30	4	2	5	0	11	0	1	0	0	1	0	0	0	0	0	5
13:45	3	4	7	0	14	0	0	1	0	1	0	0	0	0	0	3
14:00	3	1	8	0	12	0	0	0	0	0	0	0	0	0	0	10
14:15	8	3	6	0	17	0	0	0	0	0	0	0	0	0	0	0
14:30	3	3	6	0	12	0	1	0	0	1	0	0	0	0	0	2
14:45	16	24	4	0	44	1	1	0	0	2	0	0	0	0	0	2
15:00	13	13	8	0	34	1	1	0	0	2	1	0	0	0	1	15
15:15	9	7	8	0	24	0	0	1	0	1	0	0	0	0	0	8
15:30	6	2	7	0	15	0	0	0	0	0	0	0	0	0	0	0
15:45	8	6	12	0	26	0	0	0	0	0	0	0	0	0	0	6
16:00	12	10	9	0	31	1	0	0	0	1	0	0	0	0	0	1
16:15	9	5	14	0	28	0	0	0	0	0	0	0	0	0	0	3
16:30	8	9	10	0	27	0	0	3	0	3	0	0	0	0	0	2
16:45	10	8	12	0	30	0	0	0	0	0	0	0	0	0	0	3
17:00	10	13	6	0	29	0	0	1	0	1	0	0	0	0	0	5
17:15	5	9	12	0	26	0	0	0	0	0	0	0	0	0	0	3
17:30	3	7	12	0	22	0	0	0	0	0	0	0	0	0	0	4
17:45	3	4	8	0	15	0	0	0	0	0	0	0	0	0	0	0
18:00	11	7	11	0	29	0	0	0	0	0	0	0	0	0	0	3
18:15	7	8	9	0	24	0	0	0	0	0	0	0	0	0	0	1
18:30	4	5	8	0	17	0	0	0	0	0	0	0	0	0	0	4
18:45	4	3	11	0	18	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	332	262	446	0	1040	9	8	13	0	30	1	3	0	0	4	149
GRAND TOTAL	332	262	446	0	1040	9	8	13	0	30	1	3	0	0	4	149

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200029
Municipality: Stouffville
Count Date: Apr 27, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	9	1	0	0	10	0	0	0	0	0	0	0	0	0	0	1
07:15	7	2	5	0	14	1	0	0	0	1	0	0	0	0	0	0
07:30	8	4	2	0	14	1	0	0	0	1	0	0	0	0	0	4
07:45	7	7	3	0	17	0	0	0	0	0	0	0	0	0	0	2
08:00	11	26	1	0	38	0	0	0	0	0	0	0	0	0	0	18
08:15	25	8	11	0	44	0	0	1	0	1	0	0	0	0	0	98
08:30	11	3	4	0	18	0	0	0	0	0	0	0	0	0	0	1
08:45	21	3	3	0	27	0	0	0	0	0	0	0	0	0	0	8
09:00	13	3	3	0	19	0	1	0	0	1	0	0	0	0	0	3
09:15	6	3	2	0	11	0	0	1	0	1	0	0	0	0	0	1
09:30	6	4	0	0	10	0	0	0	0	0	0	0	0	0	0	1
09:45	8	4	1	0	13	0	0	0	0	0	0	0	0	0	0	0
10:00	7	0	8	0	15	0	0	0	0	0	0	0	0	0	0	1
10:15	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
10:30	7	2	2	0	11	1	0	0	0	1	0	0	0	0	0	2
10:45	5	1	3	0	9	0	0	0	0	0	0	0	0	0	0	2
11:00	2	2	3	0	7	0	0	0	0	0	0	0	0	0	0	0
11:15	5	2	3	0	10	0	0	0	0	0	0	0	0	0	0	0
11:30	5	4	3	0	12	2	0	0	0	2	0	0	0	0	0	0
11:45	6	1	4	0	11	0	0	1	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	6	3	1	0	10	0	0	0	0	0	0	0	0	0	0	2
12:15	8	5	4	0	17	0	0	0	0	0	0	0	0	0	0	9
12:30	7	2	3	0	12	0	0	0	0	0	0	0	0	0	0	2
12:45	6	2	1	0	9	0	0	0	0	0	0	2	0	0	2	0
13:00	8	3	2	0	13	0	0	0	0	0	0	0	0	0	0	3
13:15	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
13:30	9	3	4	0	16	0	0	0	0	0	0	0	0	0	0	1
13:45	5	1	6	0	12	0	0	0	0	0	0	0	0	0	0	0
14:00	5	2	3	0	10	0	2	0	0	2	0	0	0	0	0	2
14:15	2	7	0	0	9	0	0	0	0	0	0	0	0	0	0	2
14:30	4	4	3	0	11	1	1	0	0	2	0	0	0	0	0	2
14:45	7	3	2	0	12	1	0	1	0	2	0	0	0	0	0	42
15:00	14	10	5	0	29	0	0	0	0	0	0	0	0	0	0	74
15:15	13	1	9	0	23	0	0	1	0	1	0	0	0	0	0	14
15:30	9	3	6	0	18	0	0	0	0	0	0	0	0	0	0	4
15:45	11	9	11	0	31	0	3	0	0	3	0	0	0	0	0	1
16:00	8	10	2	0	20	0	1	0	0	1	0	0	0	0	0	2
16:15	5	2	4	0	11	0	0	0	0	0	0	0	0	0	0	3
16:30	11	5	9	0	25	0	0	0	0	0	0	0	0	0	0	3
16:45	9	7	2	0	18	0	0	0	0	0	0	0	0	0	0	0
17:00	8	7	5	0	20	0	0	0	0	0	0	0	0	0	0	5
17:15	12	6	7	0	25	0	0	0	0	0	0	0	0	0	0	2
17:30	13	5	2	0	20	0	0	0	0	0	0	0	0	0	0	9
17:45	10	4	8	0	22	0	0	0	0	0	0	0	0	0	0	5
18:00	9	8	2	0	19	0	0	0	0	0	0	0	0	0	0	3
18:15	4	4	0	0	8	0	0	0	0	0	0	0	0	0	0	1
18:30	12	5	0	0	17	0	0	0	0	0	0	0	0	0	0	3
18:45	3	3	0	0	6	0	0	0	0	0	0	0	0	0	0	8
SUBTOTAL	394	204	164	0	762	7	8	5	0	20	0	2	0	0	2	349
GRAND TOTAL	394	204	164	0	762	7	8	5	0	20	0	2	0	0	2	349

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200029
Municipality: Stouffville
Count Date: Apr 27, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	1	72	2	0	75	0	0	0	0	0	0	0	0	0	0	0
07:15	1	47	3	0	51	1	4	1	0	6	0	1	0	0	1	0
07:30	1	54	5	0	60	0	2	0	0	2	0	1	0	0	1	1
07:45	5	64	11	0	80	0	1	0	0	1	0	0	0	0	0	0
08:00	5	75	21	0	101	0	3	2	0	5	0	0	0	0	0	2
08:15	6	78	4	0	88	0	2	0	0	2	0	0	0	0	0	2
08:30	3	87	5	0	95	0	2	1	0	3	0	0	0	0	0	0
08:45	1	86	2	0	89	0	2	0	0	2	0	0	0	0	0	0
09:00	1	95	5	0	101	0	3	2	0	5	0	0	0	0	0	0
09:15	4	84	0	0	88	0	1	2	0	3	0	0	0	0	0	1
09:30	1	79	2	0	82	0	2	0	0	2	0	0	0	0	0	0
09:45	3	71	3	0	77	0	3	0	0	3	0	0	0	0	0	0
10:00	3	68	2	0	73	0	2	0	0	2	0	0	0	0	0	0
10:15	2	78	5	0	85	0	3	0	0	3	0	1	0	0	1	0
10:30	3	74	2	0	79	0	1	0	0	1	0	0	0	0	0	0
10:45	2	72	5	0	79	0	3	0	0	3	0	0	0	0	0	0
11:00	2	85	1	0	88	0	4	0	0	4	0	2	0	0	2	0
11:15	5	74	1	0	80	0	1	0	0	1	0	0	0	0	0	0
11:30	1	89	3	0	93	0	3	0	0	3	0	0	0	0	0	0
11:45	3	63	2	0	68	0	1	0	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	2	104	8	0	114	1	2	1	0	4	0	0	0	0	0	1
12:15	1	77	6	0	84	0	2	1	0	3	0	0	0	0	0	0
12:30	2	64	6	0	72	0	1	0	0	1	0	0	0	0	0	0
12:45	3	81	4	0	88	0	1	0	0	1	0	0	0	0	0	3
13:00	0	84	5	0	89	0	2	0	0	2	0	1	0	0	1	0
13:15	2	85	2	0	89	0	0	0	0	0	0	1	0	0	1	1
13:30	1	85	3	0	89	0	0	1	0	1	0	0	0	0	0	1
13:45	2	84	4	0	90	0	2	0	0	2	0	0	0	0	0	0
14:00	1	62	9	0	72	0	1	0	0	1	0	0	0	0	0	2
14:15	5	68	6	0	79	0	0	0	0	0	0	0	0	0	0	0
14:30	2	73	11	0	86	0	0	0	0	0	0	0	0	0	0	1
14:45	7	69	2	0	78	0	0	0	0	0	0	0	0	0	0	0
15:00	3	65	6	0	74	0	3	1	0	4	0	0	0	0	0	7
15:15	6	73	8	0	87	0	4	0	0	4	0	0	0	0	0	1
15:30	8	70	7	0	85	0	2	0	0	2	0	0	0	0	0	0
15:45	11	98	6	0	115	1	2	0	0	3	0	0	0	0	0	2
16:00	4	78	9	0	91	0	1	0	0	1	0	0	0	0	0	2
16:15	4	95	8	0	107	0	3	0	0	3	0	0	0	0	0	3
16:30	0	93	6	0	99	0	1	0	0	1	0	0	0	0	0	0
16:45	5	85	4	0	94	0	1	0	0	1	0	1	0	0	1	0
17:00	3	103	18	0	124	0	2	0	0	2	0	0	0	0	0	4
17:15	5	86	10	0	101	0	0	1	0	1	0	0	0	0	0	0
17:30	2	89	9	0	100	0	0	0	0	0	0	1	0	0	1	1
17:45	4	79	6	0	89	0	0	0	0	0	0	0	0	0	0	0
18:00	2	85	11	0	98	0	1	0	0	1	0	0	0	0	0	0
18:15	6	88	8	0	102	0	1	0	0	1	0	0	0	0	0	0
18:30	3	63	7	0	73	0	1	0	0	1	0	0	0	0	0	1
18:45	1	58	7	0	66	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	148	3739	280	0	4167	3	77	13	0	93	0	9	0	0	9	36
GRAND TOTAL	148	3739	280	0	4167	3	77	13	0	93	0	9	0	0	9	36

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200029
Municipality: Stouffville
Count Date: Apr 27, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	1	31	2	0	34	0	1	0	0	1	0	0	0	0	0	0
07:15	5	35	5	0	45	0	2	0	0	2	0	0	0	0	0	2
07:30	3	28	6	0	37	0	0	0	0	0	0	0	0	0	0	3
07:45	7	45	8	0	60	0	5	0	0	5	0	0	0	0	0	3
08:00	7	51	9	0	67	0	1	0	0	1	0	0	0	0	0	12
08:15	7	63	12	0	82	0	4	1	0	5	0	0	0	0	0	63
08:30	7	52	5	0	64	0	2	0	0	2	0	0	0	0	0	5
08:45	7	62	8	0	77	1	4	2	0	7	0	0	0	0	0	1
09:00	11	44	8	0	63	0	5	0	0	5	0	0	0	0	0	0
09:15	7	75	3	0	85	1	6	0	0	7	0	0	0	0	0	1
09:30	9	55	3	0	67	0	2	0	0	2	0	0	0	0	0	0
09:45	6	62	7	0	75	0	5	0	0	5	0	0	0	0	0	0
10:00	7	50	4	0	61	0	3	0	0	3	0	0	0	0	0	0
10:15	6	53	9	0	68	0	7	0	0	7	0	0	0	0	0	0
10:30	5	48	6	0	59	1	2	0	0	3	0	0	0	0	0	1
10:45	7	62	4	0	73	0	2	0	0	2	0	0	0	0	0	0
11:00	7	59	6	0	72	0	2	2	0	4	0	0	0	0	0	2
11:15	5	72	3	0	80	0	1	0	0	1	0	0	0	0	0	0
11:30	3	76	11	0	90	1	2	0	0	3	0	0	0	0	0	0
11:45	6	65	9	0	80	1	1	2	0	4	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	20	76	12	0	108	0	1	0	0	1	0	0	0	0	0	0
12:15	6	73	4	0	83	0	1	0	0	1	0	0	0	0	0	20
12:30	8	61	5	0	74	0	3	0	0	3	0	0	0	0	0	4
12:45	7	85	6	0	98	1	0	0	0	1	0	0	0	0	0	0
13:00	9	67	7	0	83	0	2	0	0	2	0	0	0	0	0	5
13:15	7	66	4	0	77	0	1	0	0	1	0	0	0	0	0	9
13:30	3	80	12	0	95	0	2	0	0	2	0	0	0	0	0	0
13:45	9	67	7	0	83	0	3	2	0	5	0	0	0	0	0	0
14:00	7	121	6	0	134	1	2	0	0	3	0	0	0	0	0	5
14:15	12	63	8	0	83	0	2	1	0	3	0	0	0	0	0	0
14:30	11	95	6	0	112	0	2	0	0	2	0	0	0	0	0	5
14:45	9	78	13	0	100	0	1	0	0	1	0	0	0	0	0	20
15:00	13	81	7	0	101	0	1	1	0	2	0	0	0	0	0	41
15:15	12	102	4	0	118	0	2	0	0	2	0	0	0	0	0	7
15:30	8	95	11	0	114	1	5	0	0	6	0	0	0	0	0	9
15:45	14	94	11	0	119	0	2	1	0	3	0	0	0	0	0	5
16:00	4	117	14	0	135	0	0	0	0	0	0	0	0	0	0	1
16:15	11	92	12	0	115	0	1	0	0	1	0	0	0	0	0	9
16:30	16	114	10	0	140	0	1	0	0	1	0	0	0	0	0	6
16:45	10	108	11	0	129	0	0	0	0	0	0	0	0	0	0	4
17:00	12	102	13	0	127	0	1	0	0	1	0	0	0	0	0	2
17:15	12	102	17	0	131	0	1	0	0	1	0	0	0	0	0	4
17:30	13	89	13	0	115	0	2	0	0	2	0	0	0	0	0	4
17:45	12	100	11	0	123	0	0	0	0	0	0	0	0	0	0	0
18:00	11	117	10	0	138	0	0	0	0	0	0	0	0	0	0	0
18:15	13	92	7	0	112	0	0	0	0	0	0	0	0	0	0	3
18:30	12	96	9	0	117	0	1	0	0	1	0	0	0	0	0	2
18:45	11	95	8	0	114	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	415	3616	386	0	4417	8	94	12	0	114	0	0	0	0	0	258
GRAND TOTAL	**415**	**3616**	**386**	**0**	**4417**	**8**	**94**	**12**	**0**	**114**	**0**	**0**	**0**	**0**	**0**	**258**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Friday, Apr 28, 2023
Site Code:	2305200030
Count Categories:	Cars, Trucks, Bicycles, Pedes
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:436+419+3821+4503=9179
Trucks:7+6+78+78=169
Total:169+9179=9348

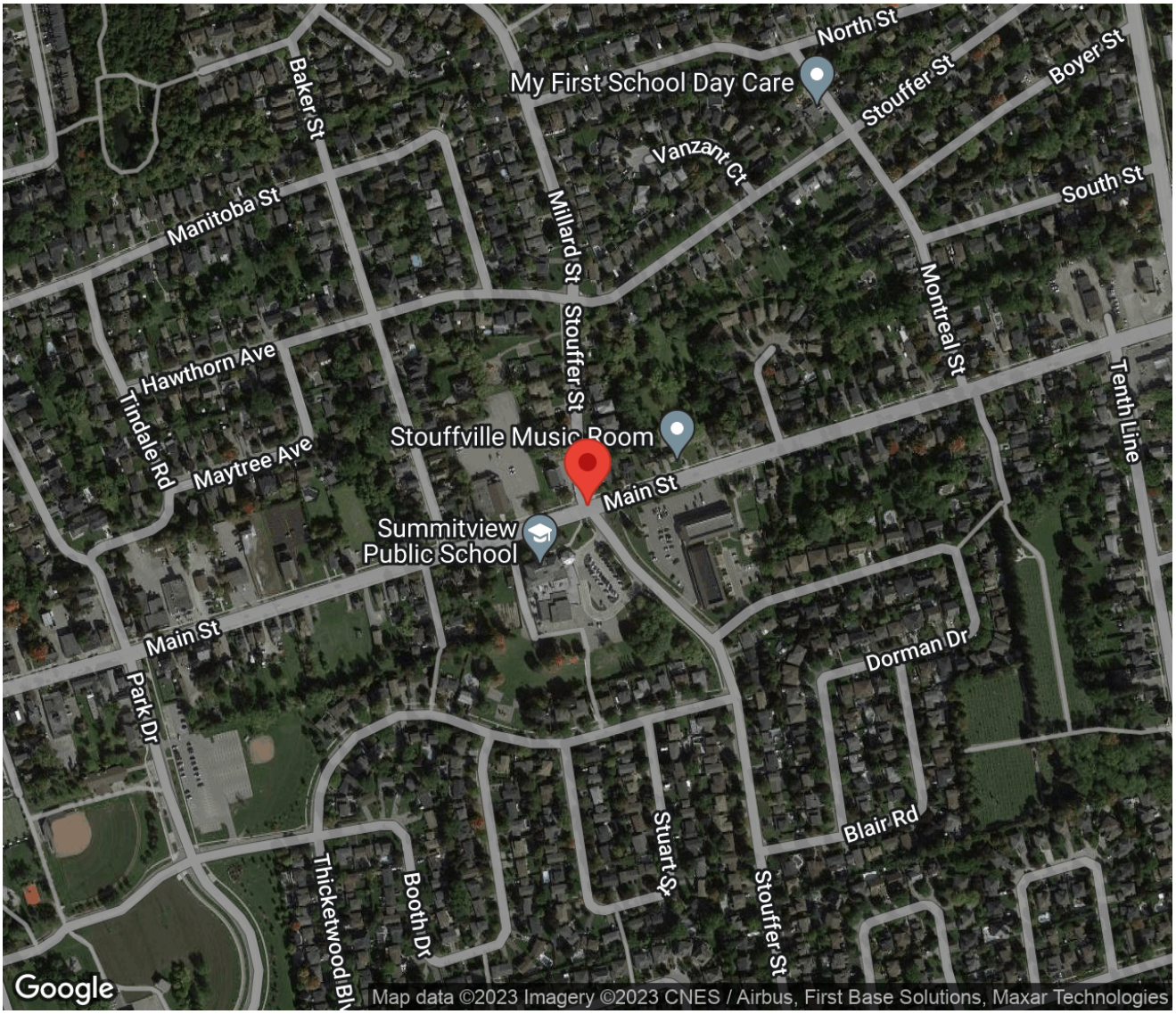
24-Hour Volume (2023): 9348*1.35= 12,619.8
24-Hour Volume (2036):12,619.8*(1.02^(2036-2023))=16325.1

Total Truck Percentage: 169/9348=1.8%

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200030
Municipality:	Stouffville
Count Date:	Apr 28, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200030
Municipality: Stouffville
Count Date: Apr 28, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	4	0	6	0	10	0	0	0	0	0	0	0	0	0	0	0
07:15	2	1	8	0	11	1	1	0	0	2	0	0	0	0	0	1
07:30	9	7	8	0	24	2	0	0	0	2	0	0	0	0	0	1
07:45	5	2	13	0	20	1	0	0	0	1	0	0	0	0	0	5
08:00	17	21	15	0	53	1	1	0	0	2	0	0	0	0	0	1
08:15	18	16	11	0	45	1	0	0	0	1	0	0	0	0	0	4
08:30	9	4	17	0	30	0	0	2	0	2	0	0	0	0	0	3
08:45	7	2	14	0	23	0	0	0	0	0	0	0	0	0	0	2
09:00	8	6	10	0	24	0	0	0	0	0	0	0	0	0	0	1
09:15	2	3	7	0	12	0	0	0	0	0	0	0	0	0	0	1
09:30	6	1	10	0	17	0	0	1	0	1	0	0	0	0	0	2
09:45	4	2	8	0	14	0	0	0	0	0	0	0	0	0	0	3
10:00	4	2	8	0	14	0	0	0	0	0	0	0	0	0	0	0
10:15	2	1	3	0	6	0	0	0	0	0	0	0	0	0	0	2
10:30	2	0	13	0	15	0	0	0	0	0	0	0	0	0	0	2
10:45	8	1	11	0	20	0	0	0	0	0	0	0	0	0	0	0
11:00	5	0	5	0	10	0	0	0	0	0	0	0	0	0	0	3
11:15	3	5	5	0	13	0	0	0	0	0	0	0	0	0	0	6
11:30	2	4	11	0	17	0	0	0	0	0	0	0	0	0	0	1
11:45	6	2	11	0	19	0	0	0	0	0	0	0	0	0	0	4

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	4	4	7	0	15	0	0	0	0	0	0	0	0	0	0	1
12:15	2	3	7	0	12	0	0	0	0	0	0	0	0	0	0	5
12:30	8	1	11	0	20	0	0	0	0	0	0	0	0	0	0	6
12:45	10	2	10	0	22	0	0	0	0	0	0	0	0	0	0	2
13:00	5	4	4	0	13	0	0	0	0	0	0	0	0	0	0	1
13:15	4	2	9	0	15	0	0	0	0	0	0	0	0	0	0	3
13:30	6	4	9	0	19	0	0	0	0	0	0	0	0	0	0	2
13:45	8	2	5	0	15	0	0	0	0	0	0	0	0	0	0	2
14:00	3	3	7	0	13	0	0	0	0	0	0	0	0	0	0	0
14:15	6	3	11	0	20	0	0	0	0	0	0	0	0	0	0	1
14:30	1	5	4	0	10	0	1	0	0	1	0	0	0	0	0	3
14:45	23	17	13	0	53	1	0	0	0	1	0	0	0	0	0	3
15:00	15	13	16	0	44	1	0	0	0	1	0	0	0	0	0	14
15:15	8	6	8	0	22	1	1	1	0	3	0	0	0	0	0	2
15:30	10	5	6	0	21	0	0	0	0	0	0	0	0	0	0	3
15:45	5	5	8	0	18	0	0	0	0	0	0	0	0	0	0	2
16:00	10	7	8	0	25	1	0	0	0	1	0	0	0	0	0	8
16:15	9	5	9	0	23	0	0	0	0	0	0	0	0	0	0	6
16:30	9	4	11	0	24	0	0	2	0	2	0	0	0	0	0	1
16:45	7	7	15	0	29	0	0	1	0	1	0	0	0	0	0	3
17:00	9	5	6	0	20	0	0	0	0	0	0	0	0	0	0	0
17:15	7	5	1	0	13	0	0	0	0	0	0	0	0	0	0	1
17:30	8	8	9	0	25	0	0	0	0	0	0	0	0	0	0	0
17:45	8	7	16	0	31	0	0	0	0	0	0	0	0	0	0	0
18:00	12	4	12	0	28	0	0	0	0	0	0	0	0	0	0	0
18:15	5	4	5	0	14	0	0	0	0	0	0	0	0	0	0	2
18:30	8	4	6	0	18	0	0	0	0	0	0	0	0	0	0	0
18:45	8	1	9	0	18	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	341	220	436	0	997	10	4	7	0	21	0	0	0	0	0	114
GRAND TOTAL	341	220	436	0	997	10	4	7	0	21	0	0	0	0	0	114

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200030
Municipality: Stouffville
Count Date: Apr 28, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	6	1	2	0	9	1	0	0	0	1	0	0	0	0	0	0
07:15	17	5	0	0	22	1	0	0	0	1	0	0	0	0	0	0
07:30	13	2	2	0	17	1	0	0	0	1	0	0	0	0	0	2
07:45	6	11	6	0	23	0	1	0	0	1	0	0	0	0	0	0
08:00	6	19	7	0	32	0	0	0	0	0	0	0	0	0	0	13
08:15	25	9	13	0	47	1	0	0	0	1	0	0	0	0	0	102
08:30	15	4	3	0	22	0	0	0	0	0	0	0	0	0	0	5
08:45	11	4	5	0	20	0	0	0	0	0	0	0	0	0	0	1
09:00	6	2	3	0	11	0	1	0	0	1	0	0	0	0	0	0
09:15	8	1	1	0	10	0	0	0	0	0	0	0	0	0	0	1
09:30	7	2	4	0	13	0	0	0	0	0	0	0	0	0	0	1
09:45	6	3	2	0	11	0	0	0	0	0	0	0	0	0	0	0
10:00	4	0	4	0	8	0	0	0	0	0	0	0	0	0	0	1
10:15	5	2	2	0	9	0	0	1	0	1	0	0	0	0	0	2
10:30	6	1	2	0	9	0	1	0	0	1	0	1	0	0	1	1
10:45	3	0	2	0	5	0	0	0	0	0	0	0	0	0	0	2
11:00	10	2	1	0	13	0	0	0	0	0	0	0	0	0	0	4
11:15	8	2	1	0	11	0	1	0	0	1	0	0	0	0	0	4
11:30	8	0	4	0	12	0	0	1	0	1	0	0	0	0	0	4
11:45	5	1	3	0	9	0	0	0	0	0	0	0	0	0	0	3

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	7	5	1	0	13	0	0	0	0	0	0	0	0	0	0	1
12:15	14	3	4	0	21	0	0	0	0	0	0	0	0	0	0	5
12:30	6	1	4	0	11	0	0	0	0	0	0	0	0	0	0	4
12:45	13	3	1	0	17	0	0	0	0	0	0	0	0	0	0	0
13:00	9	7	2	0	18	0	0	0	0	0	0	0	0	0	0	0
13:15	5	0	3	0	8	0	0	1	0	1	0	0	0	0	0	3
13:30	4	1	2	0	7	0	0	0	0	0	0	0	0	0	0	5
13:45	4	3	2	0	9	0	1	0	0	1	0	0	0	0	0	0
14:00	3	2	3	0	8	0	0	0	0	0	0	0	0	0	0	0
14:15	6	6	3	0	15	0	0	0	0	0	0	0	0	0	0	1
14:30	7	8	0	0	15	1	0	0	0	1	0	0	0	0	0	0
14:45	9	4	1	0	14	0	0	0	0	0	0	0	0	0	0	25
15:00	15	9	5	0	29	1	0	0	0	1	0	0	0	0	0	87
15:15	9	6	5	0	20	0	1	0	0	1	0	0	0	0	0	5
15:30	7	3	4	0	14	0	0	0	0	0	0	0	0	0	0	11
15:45	12	5	4	0	21	0	2	0	0	2	0	0	0	0	0	2
16:00	11	3	5	0	19	0	1	0	0	1	0	0	0	0	0	1
16:15	8	5	4	0	17	0	0	0	0	0	0	0	0	0	0	2
16:30	15	4	6	0	25	0	0	0	0	0	0	0	0	0	0	2
16:45	15	5	4	0	24	0	0	0	0	0	0	0	0	0	0	1
17:00	9	4	3	0	16	0	0	0	0	0	0	0	0	0	0	0
17:15	6	4	6	0	16	0	0	0	0	0	0	0	0	0	0	1
17:30	10	5	4	0	19	0	0	0	0	0	0	0	0	0	0	3
17:45	7	4	7	0	18	0	0	0	0	0	0	0	0	0	0	0
18:00	9	4	3	0	16	0	0	0	0	0	0	0	0	0	0	0
18:15	2	2	1	0	5	0	0	0	0	0	0	0	0	0	0	2
18:30	12	1	5	0	18	0	0	0	0	0	0	0	0	0	0	3
18:45	10	2	3	0	15	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	419	180	162	0	761	6	9	3	0	18	0	1	0	0	1	310
GRAND TOTAL	419	180	162	0	761	6	9	3	0	18	0	1	0	0	1	310

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200030
Municipality: Stouffville
Count Date: Apr 28, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	2	58	0	0	60	0	1	0	0	1	0	1	0	0	1	0
07:15	1	36	2	0	39	1	0	1	0	2	0	0	0	0	0	0
07:30	1	65	5	0	71	0	0	0	0	0	0	0	0	0	0	1
07:45	2	69	6	0	77	1	5	1	0	7	0	0	0	0	0	1
08:00	9	76	15	0	100	0	3	3	0	6	0	0	0	0	0	5
08:15	10	78	5	0	93	0	3	0	0	3	0	0	0	0	0	2
08:30	4	77	4	0	85	0	4	2	0	6	0	0	0	0	0	1
08:45	3	107	2	0	112	0	1	1	0	2	0	0	0	0	0	2
09:00	2	90	10	0	102	0	3	1	0	4	0	0	0	0	0	0
09:15	5	76	2	0	83	0	0	0	0	0	0	0	0	0	0	0
09:30	5	82	4	0	91	0	3	0	0	3	0	0	0	0	0	0
09:45	3	87	4	0	94	0	1	0	0	1	0	0	0	0	0	0
10:00	3	86	2	0	91	0	1	0	0	1	0	0	0	0	0	0
10:15	3	51	3	0	57	0	0	0	0	0	0	0	0	0	0	0
10:30	2	82	0	0	84	0	4	1	0	5	0	0	0	0	0	0
10:45	1	74	3	0	78	0	2	0	0	2	0	2	0	0	2	0
11:00	1	57	5	0	63	0	3	0	0	3	0	0	0	0	0	2
11:15	2	70	1	0	73	0	0	0	0	0	0	0	0	0	0	0
11:30	4	72	2	0	78	0	2	0	0	2	0	0	0	0	0	0
11:45	3	101	6	0	110	0	2	0	0	2	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
12:00	0	91	4	0	95	0	3	0	0	3	0	0	0	0	0	0
12:15	1	79	3	0	83	0	1	0	0	1	0	0	0	0	0	0
12:30	7	87	5	0	99	0	0	0	0	0	0	0	0	0	0	2
12:45	1	76	3	0	80	0	2	0	0	2	0	0	0	1	1	2
13:00	3	85	6	0	94	2	1	0	0	3	0	0	0	0	0	0
13:15	0	73	2	0	75	0	2	0	0	2	0	0	0	0	0	0
13:30	1	87	6	0	94	0	2	1	0	3	0	0	0	0	0	0
13:45	4	83	0	0	87	0	2	0	0	2	0	0	0	0	0	1
14:00	1	86	5	0	92	0	3	0	0	3	0	0	0	0	0	1
14:15	5	84	6	0	95	0	2	0	0	2	0	0	0	0	0	1
14:30	2	94	10	0	106	0	1	1	0	2	0	0	0	0	0	0
14:45	0	76	8	0	84	0	2	0	0	2	0	0	0	0	0	0
15:00	4	65	8	0	77	0	2	1	0	3	0	0	0	0	0	12
15:15	2	97	3	0	102	0	4	0	0	4	0	0	0	0	0	2
15:30	6	79	4	0	89	0	3	0	0	3	0	0	0	0	0	1
15:45	6	97	9	0	112	0	0	0	0	0	0	0	0	0	0	1
16:00	5	102	10	0	117	0	3	0	0	3	0	0	0	0	0	1
16:15	3	80	6	0	89	0	1	0	0	1	0	0	0	0	0	0
16:30	6	71	13	0	90	1	2	0	0	3	0	0	0	0	0	2
16:45	6	90	4	0	100	0	0	0	0	0	0	0	0	0	0	1
17:00	1	100	11	0	112	0	2	0	0	2	0	0	0	0	0	0
17:15	5	85	7	0	97	0	0	0	0	0	0	0	0	0	0	0
17:30	1	108	5	0	114	0	0	0	0	0	0	0	0	0	0	0
17:45	6	92	6	0	104	0	1	0	0	1	0	0	0	0	0	1
18:00	2	69	7	0	78	0	1	0	0	1	0	0	0	0	0	2
18:15	7	71	5	0	83	0	0	0	0	0	0	0	0	0	0	0
18:30	1	68	9	0	78	0	0	0	0	0	0	0	0	0	0	0
18:45	3	52	5	0	60	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	155	3821	251	0	4227	5	78	13	0	96	0	3	0	1	4	44
GRAND TOTAL	155	3821	251	0	4227	5	78	13	0	96	0	3	0	1	4	44

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200030
Municipality: Stouffville
Count Date: Apr 28, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	2	25	4	0	31	0	3	0	0	3	0	0	0	0	0	0
07:15	2	51	11	0	64	0	2	0	0	2	0	0	0	0	0	0
07:30	6	26	8	0	40	0	2	0	0	2	0	0	0	0	0	0
07:45	1	45	6	0	52	0	2	0	0	2	0	0	0	0	0	3
08:00	11	50	11	0	72	0	2	0	0	2	0	0	0	0	0	12
08:15	10	71	14	0	95	0	2	1	0	3	0	0	0	0	0	52
08:30	4	71	4	0	79	0	3	0	0	3	0	0	0	0	0	4
08:45	9	69	9	0	87	0	1	1	0	2	0	0	0	0	0	2
09:00	9	76	9	0	94	0	3	0	0	3	0	0	0	0	0	1
09:15	8	55	9	0	72	0	2	0	0	2	0	0	0	0	0	1
09:30	5	60	6	0	71	0	0	0	0	0	0	0	0	0	0	0
09:45	4	56	1	0	61	0	0	0	0	0	0	0	0	0	0	0
10:00	6	57	5	0	68	0	3	0	0	3	0	0	0	0	0	1
10:15	7	54	8	0	69	0	4	0	0	4	0	0	0	0	0	1
10:30	9	67	8	0	84	0	0	0	0	0	0	0	0	0	0	1
10:45	6	61	3	0	70	0	3	0	0	3	0	0	0	0	0	0
11:00	6	80	7	0	93	0	1	0	0	1	0	0	1	0	1	2
11:15	4	67	11	0	82	0	1	0	0	1	0	0	0	0	0	1
11:30	6	71	9	0	86	0	0	1	0	1	0	0	0	0	0	1
11:45	12	71	8	0	91	0	3	0	0	3	0	0	0	0	0	1

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	9	73	10	0	92	0	0	0	0	0	0	0	0	0	0	4
12:15	5	84	7	0	96	0	0	0	0	0	0	0	0	0	0	10
12:30	8	82	9	0	99	0	2	0	0	2	0	1	0	0	1	0
12:45	7	71	9	0	87	0	2	1	0	3	0	1	0	0	1	2
13:00	15	92	11	0	118	0	4	0	0	4	0	1	0	0	1	5
13:15	4	65	15	0	84	0	1	0	0	1	0	0	0	0	0	4
13:30	6	74	3	0	83	0	2	0	0	2	0	0	0	0	0	1
13:45	3	78	10	0	91	0	1	0	0	1	0	0	0	0	0	0
14:00	10	74	7	0	91	0	1	0	0	1	0	0	0	0	0	2
14:15	9	94	11	0	114	0	2	0	0	2	0	0	0	0	0	1
14:30	10	92	9	0	111	0	4	0	0	4	0	1	0	0	1	1
14:45	10	81	7	0	98	0	0	0	0	0	0	0	0	0	0	13
15:00	14	98	7	0	119	1	2	0	0	3	0	0	0	0	0	49
15:15	15	84	14	0	113	0	0	0	0	0	0	0	0	0	0	5
15:30	14	107	12	0	133	0	3	1	0	4	0	0	0	0	0	6
15:45	14	120	18	0	152	0	1	0	0	1	0	0	0	0	0	3
16:00	13	86	7	0	106	0	1	0	0	1	0	0	0	0	0	6
16:15	12	112	15	0	139	0	0	0	0	0	0	0	0	0	0	6
16:30	12	101	10	0	123	0	1	0	0	1	0	0	0	0	0	1
16:45	8	82	12	0	102	0	2	0	0	2	0	0	0	0	0	1
17:00	18	73	15	0	106	0	0	0	0	0	0	0	0	0	0	1
17:15	12	98	16	0	126	0	0	0	0	0	0	0	0	0	0	3
17:30	10	103	17	0	130	0	1	0	0	1	0	0	0	0	0	2
17:45	9	90	4	0	103	0	0	0	0	0	0	0	0	0	0	0
18:00	8	87	7	0	102	0	2	0	0	2	0	0	0	0	0	0
18:15	8	92	10	0	110	0	1	0	0	1	0	0	0	0	0	0
18:30	7	84	11	0	102	0	1	0	0	1	0	0	0	0	0	0
18:45	9	93	10	0	112	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	406	3653	444	0	4503	1	72	5	0	78	0	4	1	0	5	210
GRAND TOTAL	406	3653	444	0	4503	1	72	5	0	78	0	4	1	0	5	210

Peak Hour Diagram

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Specified Period		One Hour Peak	
From:	07:00:00	From:	08:00:00
To:	10:00:00	To:	09:00:00

Intersection: Main St & Stouffer St
Site Code: 2305200030
Count Date: Apr 28, 2023

Weather conditions: Clear

**** Signalized Intersection ****

Major Road: Main St runs E/W

North Approach

	Out	In	Total
Cars	151	96	247
Trucks	5	6	11
Bicycles	0	0	0
	156	**102**	**258**

Stouffer St

Bicycles	0	0	0	0
Trucks	2	1	2	0
Cars	57	43	51	0
Totals	**59**	**44**	**53**	**0**

East Approach

	Out	In	Total
Cars	390	340	730
Trucks	17	10	27
Bicycles	0	0	0
	407	**350**	**757**

Peds: 10

Main St

Bicycles	Trucks	Cars	Totals
0	0	0	**0**
0	0	34	**34**
0	8	261	**269**
0	2	38	**40**

Peds: 70



Peds: 10

Main St

Totals	Cars	Trucks	Bicycles
0	0	0	0
32	26	6	0
349	338	11	0
26	26	0	0

Peds: 121

West Approach

	Out	In	Total
Cars	333	452	785
Trucks	10	14	24
Bicycles	0	0	0
	343	**466**	**809**

Stouffer St

Totals	**58**	**36**	**28**	**0**
Cars	57	36	28	0
Trucks	1	0	0	0
Bicycles	0	0	0	0

South Approach

	Out	In	Total
Cars	121	107	228
Trucks	1	3	4
Bicycles	0	0	0
	122	**110**	**232**

Cars - Trucks - Bicycles

Comments

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Summary

Intersection:	Main St & Stouffer St
Site Code:	2305200030
Count Date:	Apr 28, 2023
Period:	07:00 - 10:00

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

Start Time	North Approach Stouffer St						South Approach Stouffer St						East Approach Main St						West Approach Main St						Total Vehicles
					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
08:00	18	22	15	0	1	55	6	19	7	0	13	32	9	79	18	0	5	106	11	52	11	0	12	74	267
08:15	19	16	11	0	4	46	26	9	13	0	102	48	10	81	5	0	2	96	10	73	15	0	52	98	288
08:30	9	4	19	0	3	32	15	4	3	0	5	22	4	81	6	0	1	91	4	74	4	0	4	82	227
08:45	7	2	14	0	2	23	11	4	5	0	1	20	3	108	3	0	2	114	9	70	10	0	2	89	246
Grand Total	**53**	**44**	**59**	**0**	**10**	**156**	**58**	**36**	**28**	**0**	**121**	**122**	**26**	**349**	**32**	**0**	**10**	**407**	**34**	**269**	**40**	**0**	**70**	**343**	**1028**
Approach %	34	28.2	37.8	0		-	47.5	29.5	23	0		-	6.4	85.7	7.9	0		-	9.9	78.4	11.7	0		-	
Totals %	5.2	4.3	5.7	0		15.2	5.6	3.5	2.7	0		11.9	2.5	33.9	3.1	0		39.6	3.3	26.2	3.9	0		33.4	
PHF	**0.7**	**0.5**	**0.78**	**0**		**0.71**	**0.56**	**0.47**	**0.54**	**0**		**0.64**	**0.65**	**0.81**	**0.44**	**0**		**0.89**	**0.77**	**0.91**	**0.67**	**0**		**0.88**	**0.89**
Cars	51	43	57	0		151	57	36	28	0		121	26	338	26	0		390	34	261	38	0		333	995
% Cars	96.2	97.7	96.6	0		96.8	98.3	100	100	0		99.2	100	96.8	81.3	0		95.8	100	97	95	0		97.1	96.8
Trucks	2	1	2	0		5	1	0	0	0		1	0	11	6	0		17	0	8	2	0		10	33
% Trucks	3.8	2.3	3.4	0		3.2	1.7	0	0	0		0.8	0	3.2	18.8	0		4.2	0	3	5	0		2.9	3.2
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					10	-					121	-					10	-					70	-	211
% Peds					4.7	-					57.3	-					4.7	-					33.2	-	

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Diagram

Specified Period		One Hour Peak	
From:	10:00:00	From:	12:15:00
To:	14:00:00	To:	13:15:00

Intersection: Main St & Stouffer St
Site Code: 2305200030
Count Date: Apr 28, 2023

Weather conditions: Clear

**** Signalized Intersection ****

Major Road: Main St runs E/W

North Approach

	Out	In	Total
Cars	67	66	133
Trucks	0	0	0
Bicycles	0	0	0
	67	**66**	**133**

Stouffer St

Bicycles	0	0	0	0
Trucks	0	0	0	0
Cars	32	10	25	0
Totals	**32**	**10**	**25**	**0**

East Approach

	Out	In	Total
Cars	356	365	721
Trucks	6	8	14
Bicycles	1	4	5
	363	**377**	**740**

Peds: 14

Main St

Bicycles	Trucks	Cars	Totals	
0	0	0	**0**	
0	0	35	**35**	
3	8	329	**340**	
0	1	36	**37**	

Peds: 17



Peds: 4

Main St

Totals	Cars	Trucks	Bicycles
1	0	0	1
17	17	0	0
331	327	4	0
14	12	2	0

Peds: 9

West Approach

	Out	In	Total
Cars	400	401	801
Trucks	9	4	13
Bicycles	3	0	3
	412	**405**	**817**

Stouffer St

Totals	**42**	**14**	**11**	**0**
Cars	42	14	11	0
Trucks	0	0	0	0
Bicycles	0	0	0	0

South Approach

	Out	In	Total
Cars	67	58	125
Trucks	0	3	3
Bicycles	0	0	0
	67	**61**	**128**

Cars - Trucks - Bicycles

Comments

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Summary

Intersection:	Main St & Stouffer St
Site Code:	2305200030
Count Date:	Apr 28, 2023
Period:	10:00 - 14:00

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

Start Time	North Approach Stouffer St						South Approach Stouffer St						East Approach Main St						West Approach Main St						Total Vehicles
					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
12:15	2	3	7	0	5	12	14	3	4	0	5	21	1	80	3	0	0	84	5	84	7	0	10	96	213
12:30	8	1	11	0	6	20	6	1	4	0	4	11	7	87	5	0	2	99	8	85	9	0	0	102	232
12:45	10	2	10	0	2	22	13	3	1	0	0	17	1	78	3	1	2	83	7	74	10	0	2	91	213
13:00	5	4	4	0	1	13	9	7	2	0	0	18	5	86	6	0	0	97	15	97	11	0	5	123	251
Grand Total	**25**	**10**	**32**	**0**	**14**	**67**	**42**	**14**	**11**	**0**	**9**	**67**	**14**	**331**	**17**	**1**	**4**	**363**	**35**	**340**	**37**	**0**	**17**	**412**	**909**
Approach %	37.3	14.9	47.8	0		-	62.7	20.9	16.4	0		-	3.9	91.2	4.7	0.3		-	8.5	82.5	9	0		-	
Totals %	2.8	1.1	3.5	0		7.4	4.6	1.5	1.2	0		7.4	1.5	36.4	1.9	0.1		39.9	3.9	37.4	4.1	0		45.3	
PHF	**0.63**	**0.63**	**0.73**	**0**		**0.76**	**0.75**	**0.5**	**0.69**	**0**		**0.8**	**0.5**	**0.95**	**0.71**	**0.25**		**0.92**	**0.58**	**0.88**	**0.84**	**0**		**0.84**	**0.91**
Cars	25	10	32	0		67	42	14	11	0		67	12	327	17	0		356	35	329	36	0		400	890
% Cars	100	100	100	0		100	100	100	100	0		100	85.7	98.8	100	0		98.1	100	96.8	97.3	0		97.1	97.9
Trucks	0	0	0	0		0	0	0	0	0		0	2	4	0	0		6	0	8	1	0		9	15
% Trucks	0	0	0	0		0	0	0	0	0		0	14.3	1.2	0	0		1.7	0	2.4	2.7	0		2.2	1.7
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	1		1	0	3	0	0		3	4
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	100		0.3	0	0.9	0	0		0.7	0.4
Peds					14	-					9	-					4	-					17	-	44
% Peds					31.8	-					20.5	-					9.1	-					38.6	-	

Peak Hour Diagram

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Specified Period		One Hour Peak	
From:	14:00:00	From:	15:45:00
To:	19:00:00	To:	16:45:00

Intersection: Main St & Stouffer St
Site Code: 2305200030
Count Date: Apr 28, 2023

Weather conditions: Clear

**** Signalized Intersection ****

Major Road: Main St runs E/W

North Approach

	Out	In	Total
Cars	90	106	196
Trucks	3	3	6
Bicycles	0	0	0
	93	**109**	**202**

Stouffer St

Bicycles	0	0	0	0
Trucks	2	0	1	0
Cars	36	21	33	0
Totals	**38**	**21**	**34**	**0**

East Approach

	Out	In	Total
Cars	408	471	879
Trucks	7	4	11
Bicycles	0	0	0
	415	**475**	**890**

Peds: 17

Main St

Bicycles	Trucks	Cars	Totals
0	0	0	**0**
0	0	51	**51**
0	3	419	**422**
0	0	50	**50**

Peds: 16



Peds: 4

Main St

Totals	Cars	Trucks	Bicycles
0	0	0	0
38	38	0	0
356	350	6	0
21	20	1	0

Peds: 7

West Approach

	Out	In	Total
Cars	520	432	952
Trucks	3	8	11
Bicycles	0	0	0
	523	**440**	**963**

Totals	**46**	**20**	**19**	**0**
Cars	46	17	19	0
Trucks	0	3	0	0
Bicycles	0	0	0	0

Stouffer St

South Approach

	Out	In	Total
Cars	82	91	173
Trucks	3	1	4
Bicycles	0	0	0
	85	**92**	**177**

Cars - Trucks - Bicycles

Comments

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Summary

Intersection:	Main St & Stouffer St
Site Code:	2305200030
Count Date:	Apr 28, 2023
Period:	14:00 - 19:00

Peak Hour Data (15:45 - 16:45)

Start Time	North Approach Stouffer St						South Approach Stouffer St						East Approach Main St						West Approach Main St						Total Vehicles
					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
15:45	5	5	8	0	2	18	12	7	4	0	2	23	6	97	9	0	1	112	14	121	18	0	3	153	306
16:00	11	7	8	0	8	26	11	4	5	0	1	20	5	105	10	0	1	120	13	87	7	0	6	107	273
16:15	9	5	9	0	6	23	8	5	4	0	2	17	3	81	6	0	0	90	12	112	15	0	6	139	269
16:30	9	4	13	0	1	26	15	4	6	0	2	25	7	73	13	0	2	93	12	102	10	0	1	124	268
Grand Total	**34**	**21**	**38**	**0**	**17**	**93**	**46**	**20**	**19**	**0**	**7**	**85**	**21**	**356**	**38**	**0**	**4**	**415**	**51**	**422**	**50**	**0**	**16**	**523**	**1116**
Approach %	36.6	22.6	40.9	0		-	54.1	23.5	22.4	0		-	5.1	85.8	9.2	0		-	9.8	80.7	9.6	0		-	
Totals %	3	1.9	3.4	0		8.3	4.1	1.8	1.7	0		7.6	1.9	31.9	3.4	0		37.2	4.6	37.8	4.5	0		46.9	
PHF	**0.77**	**0.75**	**0.73**	**0**		**0.89**	**0.77**	**0.71**	**0.79**	**0**		**0.85**	**0.75**	**0.85**	**0.73**	**0**		**0.86**	**0.91**	**0.87**	**0.69**	**0**		**0.85**	**0.91**
Cars	33	21	36	0		90	46	17	19	0		82	20	350	38	0		408	51	419	50	0		520	1100
% Cars	97.1	100	94.7	0		96.8	100	85	100	0		96.5	95.2	98.3	100	0		98.3	100	99.3	100	0		99.4	98.6
Trucks	1	0	2	0		3	0	3	0	0		3	1	6	0	0		7	0	3	0	0		3	16
% Trucks	2.9	0	5.3	0		3.2	0	15	0	0		3.5	4.8	1.7	0	0		1.7	0	0.7	0	0		0.6	1.4
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					17	-					7	-					4	-					16	-	44
% Peds					38.6	-					15.9	-					9.1	-					36.4	-	

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:428+409+3288+4108=8233
Trucks:18+4+74+104= 200
Total:8233+200=8433
24-Hour Volume (2023): 8433*1.35=11,384.55
24-Hour Volume (2036):11,384.55*(1.02^(2036-2023))=147

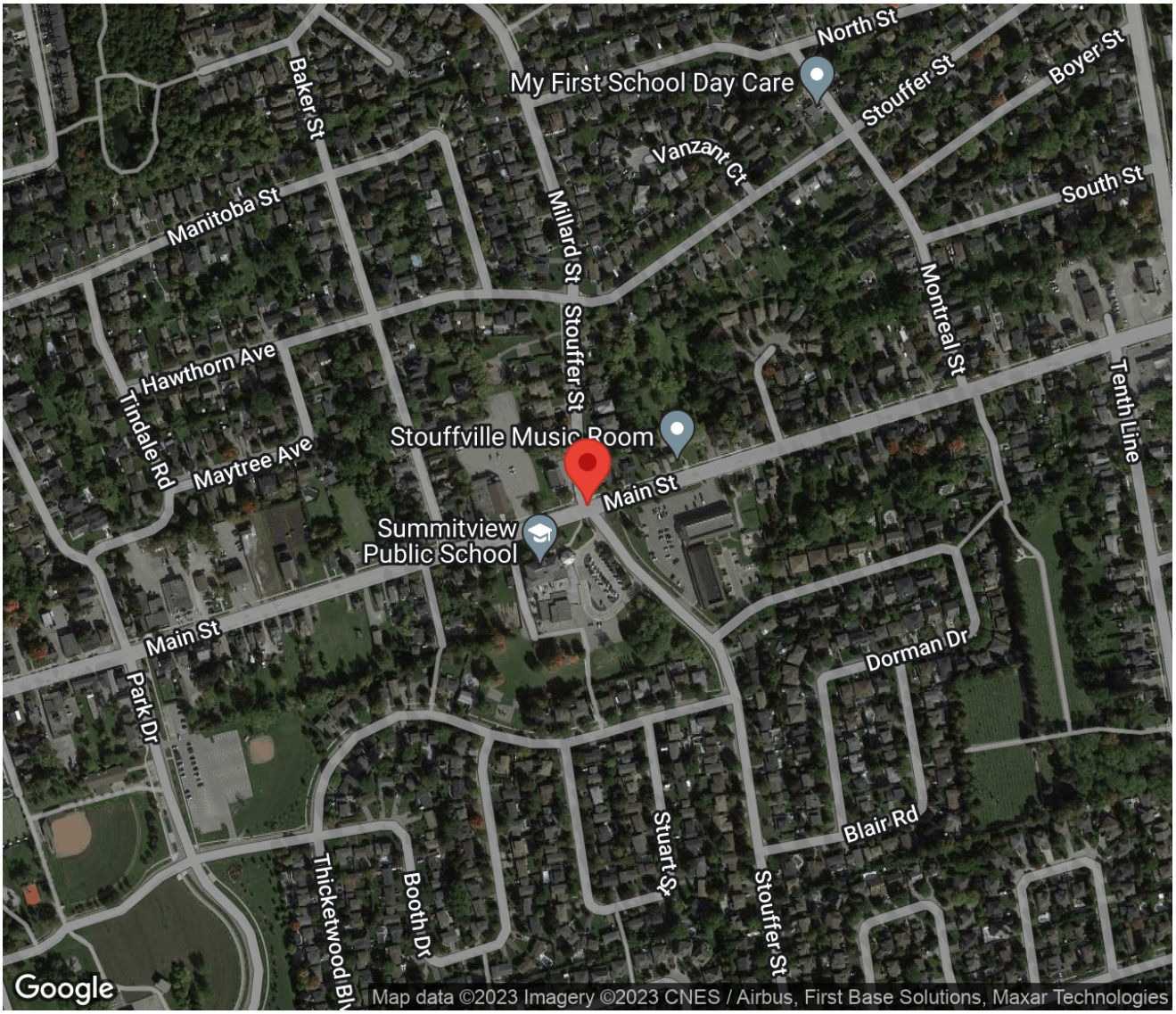
Total Truck Percentage: %200/8433=2.4%

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Monday, May 01, 2023
Site Code:	2305200106
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200106
Municipality:	Stouffville
Count Date:	May 01, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200106
Municipality: Stouffville
Count Date: May 01, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	4	0	10	0	14	0	0	0	0	0	0	0	0	0	0	2
07:15	4	5	5	0	14	0	0	0	0	0	0	0	0	0	0	2
07:30	8	0	11	0	19	3	1	0	0	4	0	0	0	0	0	1
07:45	5	4	14	0	23	1	0	1	0	2	0	0	0	0	0	2
08:00	20	16	15	0	51	0	1	0	0	1	0	0	0	0	0	1
08:15	22	23	16	0	61	1	1	0	0	2	0	0	0	0	0	13
08:30	12	7	12	0	31	0	0	2	0	2	0	0	0	0	0	4
08:45	9	4	11	0	24	0	0	0	0	0	0	0	0	0	0	0
09:00	3	4	11	0	18	0	0	0	0	0	0	0	0	0	0	0
09:15	9	2	9	0	20	1	0	0	0	1	0	0	0	0	0	2
09:30	4	1	12	0	17	0	0	0	0	0	0	0	0	0	0	0
09:45	4	2	4	0	10	0	0	1	0	1	0	0	0	0	0	2
10:00	2	4	5	0	11	0	0	0	0	0	0	0	0	0	0	1
10:15	2	3	3	0	8	0	0	0	0	0	0	0	0	0	0	4
10:30	8	1	10	0	19	0	0	1	0	1	0	0	0	0	0	1
10:45	6	2	8	0	16	0	0	1	0	1	0	0	0	0	0	3
11:00	5	3	9	0	17	0	0	0	0	0	0	0	0	0	0	1
11:15	3	2	4	0	9	0	0	2	0	2	0	0	0	0	0	0
11:30	4	4	6	0	14	0	0	0	0	0	0	0	0	0	0	3
11:45	4	3	11	0	18	0	0	0	0	0	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	4	1	11	0	16	1	0	1	0	2	0	0	0	0	0	1
12:15	5	2	7	0	14	1	1	0	0	2	0	0	0	0	0	9
12:30	3	4	12	0	19	0	0	0	0	0	0	2	0	0	2	0
12:45	2	4	9	0	15	0	0	1	0	1	0	0	0	0	0	1
13:00	4	2	14	0	20	0	0	0	0	0	0	0	0	0	0	1
13:15	1	5	9	0	15	0	0	1	0	1	0	0	0	0	0	0
13:30	6	1	5	0	12	0	0	1	0	1	0	0	0	0	0	1
13:45	6	2	6	0	14	0	0	0	0	0	0	0	0	0	0	0
14:00	0	1	9	0	10	0	0	1	0	1	0	0	0	0	0	2
14:15	2	4	9	0	15	0	0	0	0	0	0	0	0	0	0	0
14:30	4	2	6	0	12	0	0	0	0	0	0	0	0	0	0	0
14:45	18	23	7	0	48	1	1	0	0	2	0	0	0	0	0	5
15:00	7	4	16	0	27	1	1	0	0	2	0	0	0	0	0	8
15:15	9	6	8	0	23	2	2	1	0	5	0	0	0	0	0	0
15:30	8	2	8	0	18	0	0	0	0	0	0	0	0	0	0	1
15:45	9	8	11	0	28	0	0	0	0	0	0	0	0	0	0	0
16:00	10	5	6	0	21	1	0	0	0	1	0	0	0	0	0	0
16:15	8	3	9	0	20	0	0	0	0	0	0	0	0	0	0	5
16:30	9	4	11	0	24	0	0	2	0	2	0	0	0	0	0	2
16:45	6	5	5	0	16	0	0	1	0	1	0	0	0	0	0	4
17:00	5	7	5	0	17	0	0	1	0	1	0	0	0	0	0	0
17:15	6	8	5	0	19	0	0	0	0	0	0	0	0	0	0	2
17:30	10	1	10	0	21	0	0	0	0	0	0	0	0	0	0	0
17:45	3	7	10	0	20	0	0	0	0	0	0	0	0	0	0	1
18:00	6	4	9	0	19	0	0	0	0	0	0	0	0	0	0	1
18:15	5	2	11	0	18	0	0	0	0	0	0	0	0	0	0	4
18:30	5	4	8	0	17	0	0	0	0	0	0	0	0	0	0	2
18:45	6	2	6	0	14	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	305	213	428	0	946	13	8	18	0	39	0	2	0	0	2	93
GRAND TOTAL	305	213	428	0	946	13	8	18	0	39	0	2	0	0	2	93

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200106
Municipality: Stouffville
Count Date: May 01, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	9	0	2	0	11	0	0	0	0	0	0	0	0	0	0	0
07:15	7	2	1	0	10	1	0	0	0	1	0	0	0	0	0	0
07:30	14	5	2	0	21	1	0	0	0	1	0	0	0	0	0	0
07:45	8	8	4	0	20	0	0	0	0	0	0	0	0	0	0	8
08:00	14	24	4	0	42	0	0	0	0	0	0	0	0	0	0	20
08:15	20	11	12	0	43	0	0	0	0	0	0	0	0	0	0	67
08:30	16	3	3	0	22	0	0	0	0	0	0	0	0	0	0	9
08:45	9	3	2	0	14	0	0	0	0	0	0	0	0	0	0	3
09:00	14	3	2	0	19	0	1	0	0	1	0	0	0	0	0	2
09:15	3	2	1	0	6	0	0	0	0	0	0	0	0	0	0	2
09:30	3	1	4	0	8	0	1	0	0	1	0	0	0	0	0	2
09:45	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	4
10:00	9	1	3	0	13	0	0	0	0	0	0	0	0	0	0	1
10:15	7	2	1	0	10	0	0	0	0	0	0	0	0	0	0	3
10:30	5	1	2	0	8	0	0	1	0	1	0	0	0	0	0	3
10:45	4	1	3	0	8	0	0	0	0	0	0	0	0	0	0	0
11:00	9	0	2	0	11	0	0	0	0	0	0	0	0	0	0	0
11:15	8	2	1	0	11	0	0	0	0	0	0	0	0	0	0	0
11:30	3	1	3	0	7	1	1	0	0	2	0	1	0	0	1	0
11:45	6	1	4	0	11	0	0	0	0	0	0	0	0	0	0	4

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	6	4	5	0	15	0	0	0	0	0	0	0	0	0	0	1
12:15	11	4	4	0	19	0	0	0	0	0	0	0	0	0	0	3
12:30	12	1	4	0	17	0	0	1	0	1	0	0	0	0	0	3
12:45	7	5	0	0	12	0	0	0	0	0	0	0	0	0	0	1
13:00	9	0	4	0	13	0	0	0	0	0	0	0	0	0	0	0
13:15	3	3	5	0	11	0	0	0	0	0	0	0	0	0	0	8
13:30	11	2	5	0	18	0	0	0	0	0	0	0	0	0	0	1
13:45	5	1	2	0	8	0	0	0	0	0	0	0	0	0	0	2
14:00	5	4	4	0	13	0	0	0	0	0	0	0	0	0	0	1
14:15	8	4	3	0	15	0	1	0	0	1	0	0	0	0	0	0
14:30	6	11	0	0	17	0	0	0	0	0	0	0	0	0	0	3
14:45	2	2	9	0	13	0	0	0	0	0	0	0	0	0	0	20
15:00	16	10	6	0	32	1	0	0	0	1	0	0	0	0	0	75
15:15	12	1	1	0	14	0	0	1	0	1	0	0	0	0	0	6
15:30	7	2	7	0	16	0	0	0	0	0	0	0	0	0	0	0
15:45	10	6	4	0	20	0	4	0	0	4	0	0	0	0	0	1
16:00	14	5	9	0	28	0	0	0	0	0	0	0	0	0	0	2
16:15	10	5	7	0	22	0	0	0	0	0	0	0	0	0	0	5
16:30	12	4	2	0	18	0	0	0	0	0	0	0	0	0	0	6
16:45	4	5	3	0	12	0	0	0	0	0	0	0	0	0	0	2
17:00	7	6	6	0	19	0	1	0	0	1	0	0	0	0	0	0
17:15	7	7	4	0	18	0	0	0	0	0	0	0	0	0	0	0
17:30	8	5	5	0	18	0	0	0	0	0	0	0	0	0	0	0
17:45	9	4	2	0	15	0	0	0	0	0	0	0	0	0	0	0
18:00	12	4	4	0	20	0	0	0	0	0	0	0	0	0	0	0
18:15	11	3	3	0	17	0	0	0	0	0	0	0	0	0	0	0
18:30	6	0	3	0	9	0	0	0	0	0	0	0	0	0	0	0
18:45	4	2	4	0	10	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	409	181	171	0	761	4	9	3	0	16	0	1	0	0	1	269
GRAND TOTAL	409	181	171	0	761	4	9	3	0	16	0	1	0	0	1	269

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200106
Municipality: Stouffville
Count Date: May 01, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	2	46	2	0	50	0	0	0	0	0	0	0	0	0	0	0
07:15	0	48	3	0	51	1	0	1	0	2	0	1	0	0	1	0
07:30	0	52	2	0	54	0	1	0	0	1	0	0	0	0	0	0
07:45	4	63	11	0	78	0	3	0	0	3	0	0	0	0	0	1
08:00	7	75	20	0	102	0	2	2	0	4	0	0	0	0	0	5
08:15	5	69	4	0	78	0	2	0	0	2	0	0	0	0	0	9
08:30	3	72	2	0	77	0	1	1	0	2	0	0	0	0	0	3
08:45	4	87	0	0	91	0	2	0	0	2	0	0	0	0	0	0
09:00	1	69	5	0	75	0	2	1	0	3	0	0	0	0	0	0
09:15	1	66	3	0	70	0	1	0	0	1	0	0	0	0	0	0
09:30	1	65	2	0	68	0	3	0	0	3	0	0	0	0	0	0
09:45	0	68	1	0	69	0	0	0	0	0	0	0	0	0	0	0
10:00	3	62	1	0	66	0	4	0	0	4	0	0	0	0	0	0
10:15	1	68	6	0	75	0	3	0	0	3	0	0	0	0	0	0
10:30	3	63	3	0	69	0	1	0	0	1	0	0	0	0	0	0
10:45	0	65	1	0	66	1	0	0	0	1	0	0	0	0	0	0
11:00	1	87	1	0	89	0	4	0	0	4	0	0	0	0	0	0
11:15	4	59	3	0	66	1	1	0	0	2	0	0	0	0	0	0
11:30	2	60	3	0	65	0	2	0	0	2	0	0	0	0	0	0
11:45	4	77	1	0	82	0	3	0	0	3	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	1	75	2	0	78	0	2	0	0	2	0	0	0	0	0	0
12:15	0	70	4	0	74	0	4	1	0	5	0	0	0	0	0	0
12:30	6	72	5	0	83	0	3	0	0	3	0	1	0	0	1	0
12:45	3	75	2	0	80	0	0	0	0	0	0	1	0	0	1	0
13:00	1	63	6	0	70	0	1	0	0	1	0	0	0	0	0	1
13:15	4	70	1	0	75	0	2	0	0	2	0	0	0	0	0	5
13:30	1	70	2	0	73	0	4	0	0	4	0	0	0	0	0	0
13:45	1	75	3	0	79	0	0	0	0	0	0	0	0	0	0	0
14:00	4	57	4	0	65	0	2	0	0	2	0	0	0	0	0	1
14:15	6	71	6	0	83	0	1	0	0	1	0	0	0	0	0	0
14:30	4	68	10	0	82	0	1	0	0	1	0	0	0	0	0	0
14:45	5	62	5	0	72	0	1	0	0	1	0	0	0	0	0	1
15:00	2	68	7	0	77	0	2	1	0	3	0	0	0	0	0	4
15:15	4	84	3	0	91	0	2	1	0	3	0	0	0	0	0	0
15:30	6	73	6	0	85	0	0	0	0	0	0	0	0	0	0	0
15:45	7	71	12	0	90	0	0	0	0	0	0	0	0	0	0	1
16:00	3	78	11	0	92	0	2	1	0	3	0	0	0	0	0	0
16:15	5	67	8	0	80	0	3	0	0	3	0	0	0	0	0	5
16:30	5	83	8	0	96	0	2	0	0	2	0	0	0	0	0	1
16:45	5	76	16	0	97	0	1	0	0	1	0	0	0	0	0	3
17:00	8	68	5	0	81	0	1	0	0	1	0	0	0	0	0	0
17:15	7	72	13	0	92	0	0	1	0	1	0	0	0	0	0	1
17:30	7	79	5	0	91	0	0	0	0	0	0	0	0	0	0	0
17:45	1	75	8	0	84	0	2	0	0	2	0	0	0	0	0	0
18:00	5	54	5	0	64	0	3	0	0	3	0	0	0	0	0	0
18:15	5	66	5	0	76	0	0	0	0	0	0	0	0	0	0	0
18:30	6	63	3	0	72	0	0	0	0	0	0	0	0	0	0	0
18:45	1	62	5	0	68	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	159	3288	244	0	3691	3	74	10	0	87	0	3	0	0	3	41
GRAND TOTAL	159	3288	244	0	3691	3	74	10	0	87	0	3	0	0	3	41

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200106
Municipality: Stouffville
Count Date: May 01, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	3	21	0	0	24	0	2	0	0	2	0	0	0	0	0	0
07:15	1	40	4	0	45	0	3	0	0	3	0	0	0	0	0	0
07:30	2	29	4	0	35	0	1	0	0	1	0	0	0	0	0	2
07:45	4	32	4	0	40	0	4	0	0	4	0	0	0	0	0	11
08:00	7	47	6	0	60	0	2	0	0	2	0	0	0	0	0	10
08:15	14	52	10	0	76	1	1	1	0	3	0	0	0	0	0	75
08:30	7	51	10	0	68	0	1	0	0	1	0	0	0	0	0	2
08:45	6	55	14	0	75	1	3	1	0	5	0	0	0	0	0	1
09:00	13	61	4	0	78	0	2	0	0	2	0	0	0	0	0	0
09:15	8	61	5	0	74	0	3	0	0	3	0	0	0	0	0	2
09:30	7	50	5	0	62	0	0	0	0	0	0	0	0	0	0	1
09:45	4	49	5	0	58	2	0	0	0	2	0	0	0	0	0	1
10:00	7	59	5	0	71	1	3	0	0	4	0	0	0	0	0	0
10:15	9	57	4	0	70	0	2	0	0	2	0	0	0	0	0	0
10:30	7	60	2	0	69	1	1	0	0	2	0	0	0	0	0	1
10:45	5	68	7	0	80	1	5	0	0	6	0	0	0	0	0	1
11:00	5	52	9	0	66	0	0	1	0	1	0	0	0	0	0	0
11:15	5	53	7	0	65	0	4	0	0	4	0	0	0	0	0	4
11:30	6	62	3	0	71	2	0	0	0	2	0	0	0	0	0	0
11:45	9	81	13	0	103	0	1	0	0	1	0	0	0	0	0	2

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	15	50	4	0	69	0	0	0	0	0	0	0	0	0	0	8
12:15	4	83	5	0	92	1	5	0	0	6	0	0	0	0	0	16
12:30	10	89	3	0	102	1	3	0	0	4	0	0	0	0	0	2
12:45	9	65	11	0	85	0	1	0	0	1	0	0	0	0	0	0
13:00	7	76	15	0	98	1	3	0	0	4	0	0	0	0	0	2
13:15	5	54	7	0	66	0	5	2	0	7	0	0	0	0	0	14
13:30	11	86	10	0	107	1	2	0	0	3	0	0	0	0	0	0
13:45	9	84	10	0	103	0	0	0	0	0	0	0	0	0	0	0
14:00	8	66	6	0	80	0	2	0	0	2	0	0	0	0	0	0
14:15	12	69	11	0	92	0	3	1	0	4	0	0	0	0	0	0
14:30	11	67	5	0	83	0	2	0	0	2	0	0	0	0	0	2
14:45	10	68	11	0	89	0	2	0	0	2	0	0	0	0	0	13
15:00	10	79	14	0	103	0	3	0	0	3	0	0	0	0	0	58
15:15	13	70	9	0	92	0	2	0	0	2	0	0	0	0	0	7
15:30	7	108	7	0	122	0	3	0	0	3	0	0	0	0	0	1
15:45	10	103	8	0	121	1	1	0	0	2	0	0	0	0	0	0
16:00	14	84	8	0	106	0	1	0	0	1	0	0	0	0	0	2
16:15	13	99	15	0	127	0	1	0	0	1	0	0	0	0	0	3
16:30	15	73	12	0	100	0	1	0	0	1	0	0	0	0	0	4
16:45	9	87	10	0	106	0	1	0	0	1	0	0	0	0	0	1
17:00	11	85	16	0	112	0	1	0	0	1	0	0	0	0	0	3
17:15	17	98	15	0	130	0	0	0	0	0	0	0	0	0	0	0
17:30	17	81	11	0	109	0	1	0	0	1	0	0	0	0	0	0
17:45	17	84	9	0	110	1	0	0	0	1	0	0	0	0	0	0
18:00	8	105	13	0	126	0	1	0	0	1	0	0	0	0	0	3
18:15	8	77	12	0	97	0	0	0	0	0	0	0	0	0	0	2
18:30	10	87	5	0	102	0	1	0	0	1	0	0	0	0	0	0
18:45	14	64	11	0	89	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	433	3281	394	0	4108	15	83	6	0	104	0	0	0	0	0	254
GRAND TOTAL	**433**	**3281**	**394**	**0**	**4108**	**15**	**83**	**6**	**0**	**104**	**0**	**0**	**0**	**0**	**0**	**254**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Tuesday, May 02, 2023
Site Code:	2305200107
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:401+435+3577+4293=8706
Trucks:17+6+70+105=198
Total:8706+198 = 8904

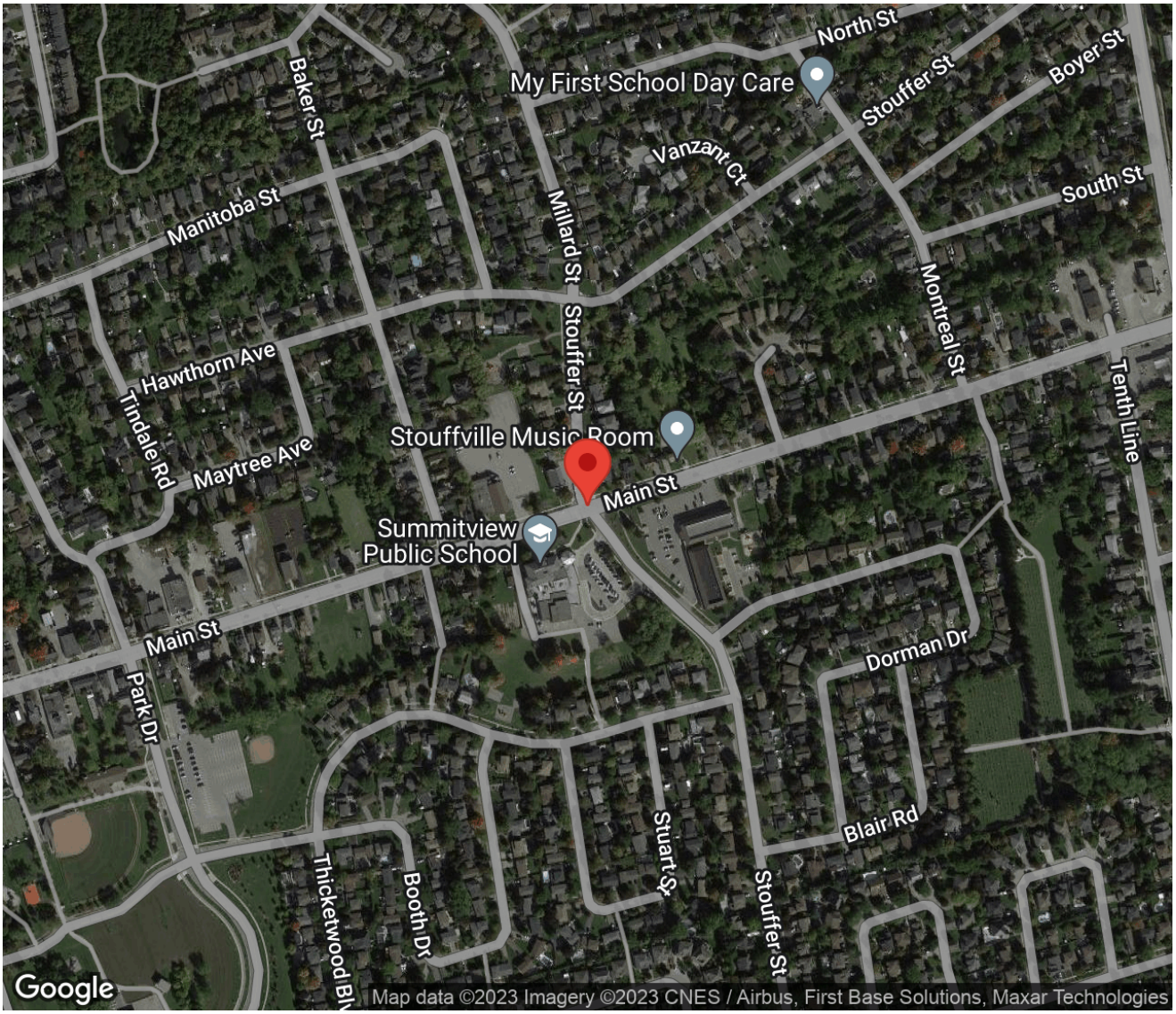
24-Hour Volume (2023): 8904*1.35=12,020.4
24-Hour Volume (2036):12,020.4*(1.02^(2036-20

Total Truck Percentage: 198/8904=2.2%

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200107
Municipality:	Stouffville
Count Date:	May 02, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200107
Municipality: Stouffville
Count Date: May 02, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	7	3	10	0	20	0	0	0	0	0	0	0	0	0	0	1
07:15	1	1	7	0	9	1	0	0	0	1	0	0	0	0	0	1
07:30	5	4	9	0	18	2	0	1	0	3	0	0	0	0	0	1
07:45	5	4	16	0	25	1	0	0	0	1	0	0	0	0	0	1
08:00	21	19	13	0	53	0	1	0	0	1	0	0	0	0	0	3
08:15	18	20	18	0	56	1	1	3	0	5	0	0	0	0	0	10
08:30	16	2	13	0	31	0	0	4	0	4	0	0	0	0	0	2
08:45	8	4	20	0	32	0	0	0	0	0	0	0	0	0	0	0
09:00	4	7	11	0	22	0	0	0	0	0	0	0	0	0	0	1
09:15	7	4	9	0	20	0	0	1	0	1	0	0	0	0	0	0
09:30	6	4	9	0	19	0	0	1	0	1	0	0	0	0	0	1
09:45	7	4	11	0	22	0	0	0	0	0	0	0	0	0	0	1
10:00	3	1	5	0	9	0	0	0	0	0	0	0	0	0	0	3
10:15	2	2	7	0	11	0	0	0	0	0	0	0	0	0	0	0
10:30	5	0	5	0	10	0	0	0	0	0	0	0	0	0	0	0
10:45	5	2	8	0	15	0	0	1	0	1	0	0	0	0	0	1
11:00	4	2	8	0	14	0	0	0	0	0	0	0	0	0	0	2
11:15	4	4	7	0	15	0	0	0	0	0	0	0	0	0	0	1
11:30	4	0	6	0	10	0	0	1	0	1	0	0	0	0	0	3
11:45	7	4	10	0	21	0	0	0	0	0	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	3	3	5	0	11	0	0	0	0	0	0	0	0	0	0	1
12:15	6	2	3	0	11	0	0	0	0	0	0	0	0	0	0	7
12:30	4	3	5	0	12	0	0	1	0	1	0	0	0	0	0	1
12:45	2	3	8	0	13	0	0	0	0	0	0	0	0	0	0	2
13:00	3	2	8	0	13	0	0	0	0	0	0	0	0	0	0	2
13:15	6	3	7	0	16	1	0	0	0	1	0	0	0	0	0	3
13:30	2	2	7	0	11	0	0	0	0	0	0	0	0	0	0	0
13:45	3	1	8	0	12	0	1	0	0	1	0	0	0	0	0	2
14:00	4	1	7	0	12	1	0	1	0	2	0	0	0	0	0	1
14:15	2	3	11	0	16	0	0	1	0	1	0	0	0	0	0	1
14:30	4	3	4	0	11	0	0	0	0	0	0	0	0	0	0	0
14:45	20	19	5	0	44	1	1	0	0	2	0	0	0	0	0	4
15:00	12	11	7	0	30	0	1	0	0	1	0	0	0	0	0	7
15:15	4	3	10	0	17	1	1	0	0	2	0	0	0	0	0	0
15:30	1	4	10	0	15	0	0	0	0	0	0	0	0	0	0	1
15:45	10	10	7	0	27	0	0	0	0	0	0	0	0	0	0	3
16:00	14	10	6	0	30	1	0	0	0	1	0	0	0	0	0	2
16:15	7	3	9	0	19	0	0	0	0	0	0	0	0	0	0	4
16:30	7	4	1	0	12	0	0	2	0	2	0	0	0	0	0	4
16:45	10	9	12	0	31	0	0	0	0	0	0	0	0	0	0	1
17:00	6	5	7	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	4	6	7	0	17	0	0	0	0	0	0	0	0	0	0	1
17:30	4	6	6	0	16	0	0	0	0	0	0	0	0	0	0	0
17:45	11	5	11	0	27	0	0	0	0	0	0	0	0	0	0	0
18:00	7	12	5	0	24	0	0	0	0	0	0	0	0	0	0	1
18:15	4	13	12	0	29	0	0	0	0	0	0	0	0	0	0	2
18:30	4	7	8	0	19	0	0	0	0	0	0	0	0	0	0	0
18:45	6	5	3	0	14	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	309	249	401	0	959	10	6	17	0	33	0	0	0	0	0	83
GRAND TOTAL	309	249	401	0	959	10	6	17	0	33	0	0	0	0	0	83

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200107
Municipality: Stouffville
Count Date: May 02, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	11	1	2	0	14	0	0	0	0	0	0	0	0	0	0	0
07:15	11	3	2	0	16	0	0	0	0	0	0	0	0	0	0	0
07:30	19	4	0	0	23	2	0	0	0	2	0	0	0	0	0	1
07:45	9	11	4	0	24	0	0	0	0	0	0	0	0	0	0	6
08:00	15	26	7	0	48	0	0	0	0	0	0	0	0	0	0	7
08:15	24	11	16	0	51	1	0	0	0	1	0	0	0	0	0	80
08:30	12	1	3	0	16	0	1	0	0	1	0	0	0	0	0	7
08:45	9	5	4	0	18	0	0	0	0	0	0	0	0	0	0	2
09:00	10	3	5	0	18	0	1	0	0	1	0	0	0	0	0	2
09:15	10	0	1	0	11	0	0	0	0	0	0	0	0	0	0	3
09:30	6	2	1	0	9	0	0	0	0	0	0	0	0	0	0	2
09:45	4	2	2	0	8	0	0	0	0	0	0	0	0	0	0	1
10:00	5	2	1	0	8	1	0	0	0	1	0	0	0	0	0	0
10:15	2	2	2	0	6	0	0	0	0	0	0	0	0	0	0	2
10:30	10	1	1	0	12	1	0	0	0	1	0	0	0	0	0	0
10:45	8	4	0	0	12	0	0	0	0	0	0	0	0	0	0	0
11:00	4	3	1	0	8	0	0	0	0	0	0	0	0	0	0	0
11:15	8	1	3	0	12	0	1	0	0	1	0	0	0	0	0	2
11:30	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	1
11:45	8	0	5	0	13	0	0	0	0	0	0	0	0	0	0	1

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	3	2	3	0	8	0	0	0	0	0	0	0	0	0	0	3
12:15	12	3	4	0	19	0	0	1	0	1	0	0	0	0	0	7
12:30	8	5	5	0	18	0	0	0	0	0	0	0	0	0	0	0
12:45	9	4	3	0	16	0	1	0	0	1	0	0	0	0	0	4
13:00	10	1	6	0	17	0	0	0	0	0	0	0	0	0	0	0
13:15	9	1	4	0	14	0	0	0	0	0	0	0	0	0	0	3
13:30	7	1	2	0	10	0	0	0	0	0	0	0	0	0	0	1
13:45	6	1	2	0	9	0	0	0	0	0	0	0	0	0	0	5
14:00	3	6	1	0	10	0	0	0	0	0	0	0	0	0	0	1
14:15	3	4	3	0	10	0	1	0	0	1	0	0	0	0	0	0
14:30	5	8	1	0	14	0	0	0	0	0	0	0	0	0	0	2
14:45	5	2	3	0	10	1	0	0	0	1	0	0	0	0	0	23
15:00	14	16	3	0	33	0	0	0	0	0	0	0	0	0	0	70
15:15	9	4	5	0	18	0	1	1	0	2	0	0	0	0	0	3
15:30	8	2	5	0	15	0	0	0	0	0	0	0	0	0	0	1
15:45	13	5	3	0	21	0	4	0	0	4	0	0	0	0	0	1
16:00	10	5	3	0	18	0	0	0	0	0	0	0	0	0	0	0
16:15	4	6	3	0	13	0	0	0	0	0	0	0	0	0	0	1
16:30	3	4	4	0	11	0	0	0	0	0	0	0	0	0	0	0
16:45	11	4	4	0	19	0	0	0	0	0	0	0	0	0	0	0
17:00	10	9	2	0	21	0	0	0	0	0	0	0	0	0	0	0
17:15	9	5	1	0	15	0	0	0	0	0	0	0	0	0	0	1
17:30	7	9	7	0	23	0	0	0	0	0	0	0	0	0	0	1
17:45	9	1	3	0	13	0	0	0	0	0	0	0	0	0	0	1
18:00	8	6	4	0	18	0	0	0	0	0	0	0	0	0	0	1
18:15	18	5	5	0	28	0	0	0	0	0	0	0	0	0	0	2
18:30	20	5	6	0	31	0	0	0	0	0	0	0	0	0	0	1
18:45	12	8	6	0	26	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	435	214	165	0	814	6	10	2	0	18	0	0	0	0	0	250
GRAND TOTAL	435	214	165	0	814	6	10	2	0	18	0	0	0	0	0	250

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200107
Municipality: Stouffville
Count Date: May 02, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	1	75	1	0	77	0	1	0	0	1	0	1	0	0	1	0
07:15	4	57	4	0	65	1	1	1	0	3	0	0	0	0	0	0
07:30	2	41	4	0	47	0	2	0	0	2	0	0	0	0	0	2
07:45	3	65	7	0	75	0	3	0	0	3	0	0	0	0	0	0
08:00	4	80	14	0	98	0	3	2	0	5	0	0	0	0	0	2
08:15	7	85	8	0	100	1	3	1	0	5	0	0	0	0	0	4
08:30	3	77	6	0	86	0	2	1	0	3	0	0	0	0	0	0
08:45	3	88	2	0	93	0	0	0	0	0	0	0	0	0	0	0
09:00	0	109	4	0	113	0	2	2	0	4	0	0	0	0	0	0
09:15	1	75	1	0	77	0	2	0	0	2	0	0	0	0	0	0
09:30	1	72	0	0	73	0	1	0	0	1	0	0	0	0	0	0
09:45	2	79	2	0	83	0	1	0	0	1	0	0	0	0	0	0
10:00	1	60	3	0	64	0	2	1	0	3	0	0	0	0	0	0
10:15	2	55	3	0	60	0	0	1	0	1	0	0	0	0	0	0
10:30	1	80	4	0	85	0	0	0	0	0	0	0	0	0	0	0
10:45	2	78	3	0	83	0	2	0	0	2	0	0	0	0	0	0
11:00	0	58	2	0	60	0	1	0	0	1	0	0	0	0	0	1
11:15	1	74	5	0	80	0	5	0	0	5	0	0	0	0	0	0
11:30	1	65	2	0	68	0	3	0	0	3	0	0	0	0	0	1
11:45	3	88	5	0	96	0	4	0	0	4	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
12:00	2	88	4	0	94	0	3	0	0	3	0	0	0	0	0	0
12:15	5	67	4	0	76	0	1	0	0	1	0	0	0	0	0	2
12:30	3	80	2	0	85	0	2	0	0	2	0	0	0	0	0	1
12:45	4	86	4	0	94	0	0	0	0	0	0	0	0	0	0	1
13:00	3	65	3	0	71	0	1	0	0	1	0	0	0	0	0	0
13:15	2	69	4	0	75	0	2	0	0	2	0	1	0	0	1	0
13:30	4	83	4	0	91	0	1	0	0	1	0	0	0	0	0	0
13:45	1	70	2	0	73	0	1	0	0	1	0	0	0	0	0	2
14:00	2	84	3	0	89	1	1	0	0	2	0	0	0	0	0	0
14:15	2	63	7	0	72	1	0	0	0	1	0	0	0	0	0	0
14:30	1	69	10	0	80	1	0	0	0	1	0	0	0	0	0	0
14:45	4	73	6	0	83	0	2	0	0	2	0	0	0	0	0	0
15:00	1	70	4	0	75	0	4	2	0	6	0	0	0	0	0	4
15:15	4	65	7	0	76	0	1	0	0	1	0	0	0	0	0	0
15:30	3	66	6	0	75	0	1	0	0	1	0	0	0	0	0	1
15:45	3	89	9	0	101	0	0	0	0	0	0	0	0	0	0	1
16:00	2	87	6	0	95	0	1	0	0	1	0	0	0	0	0	0
16:15	3	71	4	0	78	0	4	0	0	4	0	0	0	0	0	0
16:30	3	97	6	0	106	0	0	0	0	0	0	0	0	0	0	0
16:45	7	70	10	0	87	0	3	0	0	3	0	0	0	0	0	0
17:00	2	89	3	0	94	0	1	0	0	1	0	0	0	0	0	2
17:15	7	91	14	0	112	0	1	1	0	2	0	0	0	0	0	0
17:30	4	84	2	0	90	0	1	0	0	1	0	0	0	0	0	0
17:45	2	89	8	0	99	0	0	0	0	0	0	0	0	0	0	0
18:00	9	67	8	0	84	0	1	0	0	1	0	0	0	0	0	0
18:15	7	70	2	0	79	0	0	0	0	0	0	0	0	0	0	1
18:30	7	66	10	0	83	0	0	0	0	0	0	0	0	0	0	0
18:45	1	48	7	0	56	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	140	3577	239	0	3956	5	70	12	0	87	0	2	0	0	2	26
GRAND TOTAL	140	3577	239	0	3956	5	70	12	0	87	0	2	0	0	2	26

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200107
Municipality: Stouffville
Count Date: May 02, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	5	35	4	0	44	0	2	0	0	2	0	0	0	0	0	1
07:15	8	48	4	0	60	2	2	0	0	4	0	0	0	0	0	0
07:30	3	39	7	0	49	1	4	0	0	5	0	0	0	0	0	2
07:45	2	41	7	0	50	0	2	0	0	2	0	0	0	0	0	3
08:00	5	44	11	0	60	1	2	0	0	3	0	0	0	0	0	3
08:15	8	53	9	0	70	1	4	1	0	6	0	0	0	0	0	55
08:30	4	69	7	0	80	1	2	0	0	3	0	0	0	0	0	3
08:45	10	62	4	0	76	0	4	1	0	5	0	0	0	0	0	0
09:00	9	59	9	0	77	0	3	0	0	3	0	0	0	0	0	0
09:15	7	56	5	0	68	0	4	0	0	4	0	0	0	0	0	1
09:30	10	64	8	0	82	1	3	1	0	5	0	0	0	0	0	2
09:45	4	56	6	0	66	0	0	0	0	0	0	0	0	0	0	0
10:00	6	54	3	0	63	0	4	1	0	5	0	0	0	0	0	0
10:15	5	49	4	0	58	0	0	0	0	0	0	0	0	0	0	0
10:30	6	55	10	0	71	0	4	1	0	5	0	0	0	0	0	0
10:45	8	53	7	0	68	2	1	0	0	3	0	0	0	0	0	1
11:00	6	55	5	0	66	0	1	0	0	1	0	0	0	0	0	3
11:15	4	52	6	0	62	0	1	1	0	2	0	0	0	0	0	0
11:30	6	64	9	0	79	1	2	0	0	3	0	0	0	0	0	3
11:45	9	72	9	0	90	0	5	0	0	5	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
12:00	11	66	5	0	82	0	0	0	0	0	0	0	0	0	0	0
12:15	12	65	12	0	89	0	5	0	0	5	0	0	0	0	0	15
12:30	11	69	9	0	89	0	2	0	0	2	0	0	0	0	0	1
12:45	10	65	4	0	79	0	0	0	0	0	0	0	0	0	0	3
13:00	8	71	13	0	92	0	1	0	0	1	0	0	0	0	0	3
13:15	3	67	3	0	73	1	2	0	0	3	0	0	0	0	0	8
13:30	10	71	7	0	88	0	2	0	0	2	0	0	0	0	0	1
13:45	4	72	5	0	81	0	2	0	0	2	0	0	0	0	0	0
14:00	8	77	3	0	88	1	0	0	0	1	0	0	0	0	0	4
14:15	15	66	9	0	90	0	2	0	0	2	0	0	0	0	0	2
14:30	10	72	8	0	90	0	2	0	0	2	0	0	0	0	0	4
14:45	17	81	10	0	108	0	2	0	0	2	0	0	0	0	0	16
15:00	15	80	10	0	105	0	2	0	0	2	0	0	0	0	0	54
15:15	11	92	11	0	114	0	1	0	0	1	0	0	0	0	0	6
15:30	10	96	11	0	117	0	6	0	0	6	0	0	0	0	0	0
15:45	16	89	15	0	120	0	0	0	0	0	0	0	0	0	0	2
16:00	8	119	12	0	139	0	0	0	0	0	0	0	0	0	0	2
16:15	10	93	8	0	111	0	1	0	0	1	0	0	0	0	0	0
16:30	11	91	11	0	113	0	0	0	0	0	0	0	0	0	0	0
16:45	9	96	11	0	116	0	0	0	0	0	0	0	0	0	0	0
17:00	18	116	15	0	149	0	1	0	0	1	0	0	0	0	0	0
17:15	9	97	17	0	123	0	0	0	0	0	0	0	0	0	0	0
17:30	12	103	11	0	126	0	0	1	0	1	0	0	0	0	0	0
17:45	8	88	9	0	105	0	1	0	0	1	0	0	0	0	0	2
18:00	9	106	11	0	126	0	1	0	0	1	0	0	0	0	0	2
18:15	11	76	25	0	112	0	1	0	0	1	0	0	0	0	0	1
18:30	14	94	23	0	131	0	0	0	0	0	0	0	0	0	0	0
18:45	16	70	12	0	98	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	431	3428	434	0	4293	12	86	7	0	105	0	0	0	0	0	203
GRAND TOTAL	**431**	**3428**	**434**	**0**	**4293**	**12**	**86**	**7**	**0**	**105**	**0**	**0**	**0**	**0**	**0**	**203**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:418+371+3343+4204=8336
Trucks:10+2+67+94=173
Total:8336+173=8509

24-Hour Volume (2023): 8509*1.35=11,487.2
24-Hour Volume (2036):11,487.2*(1.02^(2036-2023))=14859.

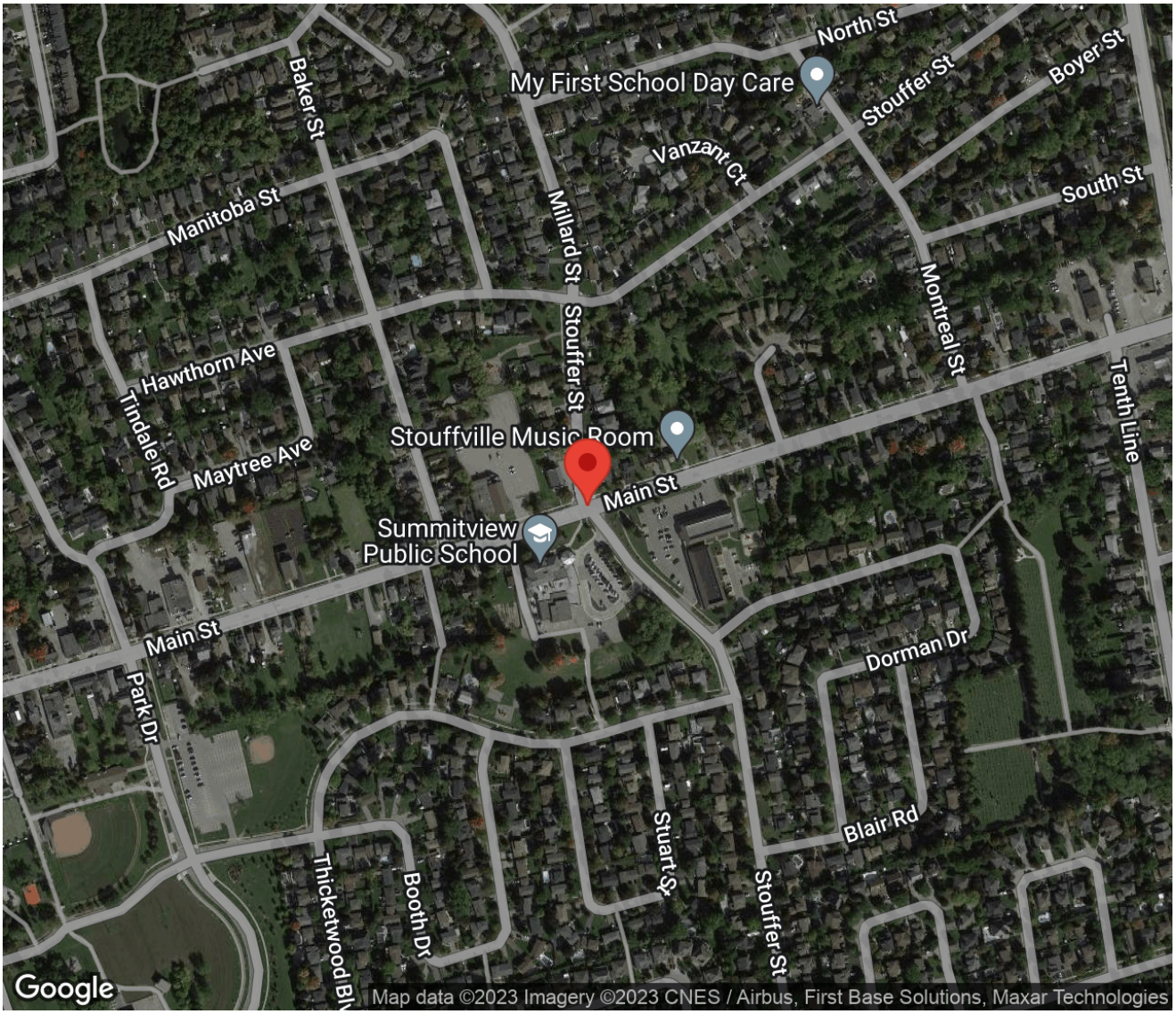
Total Truck Percentage: 173/8509=2.0%

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Wednesday, May 03, 2023
Site Code:	2305200108
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200108
Municipality:	Stouffville
Count Date:	May 03, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200108
Municipality: Stouffville
Count Date: May 03, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	4	1	12	0	17	0	0	0	0	0	0	0	0	0	0	0
07:15	5	2	9	0	16	1	1	0	0	2	0	0	0	0	0	3
07:30	7	2	9	0	18	2	0	0	0	2	0	0	0	0	0	0
07:45	6	3	9	0	18	1	0	0	0	1	0	0	0	0	0	1
08:00	25	17	14	0	56	1	1	0	0	2	0	0	0	0	0	2
08:15	16	18	9	0	43	2	0	2	0	4	0	0	0	0	0	12
08:30	13	9	14	0	36	0	0	2	0	2	0	0	0	0	0	1
08:45	5	2	9	0	16	0	0	0	0	0	0	0	0	0	0	1
09:00	5	7	10	0	22	0	0	0	0	0	0	0	0	0	0	1
09:15	6	4	7	0	17	0	0	0	0	0	0	0	0	0	0	0
09:30	7	3	9	0	19	0	0	0	0	0	0	0	0	0	0	1
09:45	7	0	8	0	15	0	0	0	0	0	0	0	0	0	0	0
10:00	2	3	11	0	16	1	0	0	0	1	0	0	0	0	0	2
10:15	4	0	7	0	11	0	0	0	0	0	0	0	0	0	0	3
10:30	2	3	13	0	18	0	0	0	0	0	0	0	0	0	0	1
10:45	4	0	7	0	11	0	0	0	0	0	0	0	0	0	0	1
11:00	3	3	9	0	15	0	0	0	0	0	0	0	0	0	0	1
11:15	2	2	4	0	8	0	0	0	0	0	0	0	0	0	0	1
11:30	4	1	10	0	15	0	0	0	0	0	0	0	0	0	0	2
11:45	4	2	6	0	12	0	0	1	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	4	3	4	0	11	0	2	0	0	2	0	0	0	0	0	2
12:15	5	5	12	0	22	1	0	0	0	1	0	0	0	0	0	3
12:30	3	1	9	0	13	0	0	0	0	0	0	0	0	0	0	3
12:45	4	3	12	0	19	0	0	0	0	0	0	0	0	0	0	0
13:00	1	4	6	0	11	0	0	1	0	1	0	0	0	0	0	1
13:15	6	2	6	0	14	1	0	0	0	1	0	0	0	0	0	0
13:30	3	0	7	0	10	0	0	0	0	0	0	0	0	0	0	1
13:45	0	2	5	0	7	0	0	0	0	0	0	0	0	0	0	3
14:00	2	4	4	0	10	0	1	0	0	1	0	1	0	0	1	2
14:15	4	3	4	0	11	0	0	0	0	0	0	0	0	0	0	0
14:30	5	2	6	0	13	0	0	0	0	0	0	0	0	0	0	0
14:45	16	19	7	0	42	1	1	1	0	3	0	0	0	0	0	2
15:00	11	8	10	0	29	0	1	0	0	1	0	0	0	0	0	10
15:15	5	4	13	0	22	1	1	0	0	2	0	0	0	0	0	0
15:30	2	3	7	0	12	0	0	1	0	1	0	0	0	0	0	1
15:45	9	4	6	0	19	0	0	0	0	0	0	0	0	0	0	5
16:00	3	9	12	0	24	1	0	0	0	1	0	0	0	0	0	0
16:15	7	7	6	0	20	0	0	0	0	0	0	0	0	0	0	0
16:30	10	5	15	0	30	0	0	1	0	1	0	0	0	0	0	2
16:45	7	8	10	0	25	0	0	1	0	1	0	0	0	0	0	0
17:00	9	11	11	0	31	0	0	0	0	0	0	0	0	0	0	0
17:15	8	8	5	0	21	0	0	0	0	0	0	0	0	0	0	0
17:30	7	9	11	0	27	0	0	0	0	0	0	0	0	0	0	0
17:45	3	7	12	0	22	0	0	0	0	0	0	0	0	0	0	0
18:00	10	4	7	0	21	0	0	0	0	0	0	0	0	0	0	2
18:15	6	2	6	0	14	0	0	0	0	0	0	0	0	0	0	1
18:30	6	4	10	0	20	0	0	0	0	0	0	0	0	0	0	0
18:45	5	4	9	0	18	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	292	227	418	0	937	13	8	10	0	31	0	1	0	0	1	72
GRAND TOTAL	**292**	**227**	**418**	**0**	**937**	**13**	**8**	**10**	**0**	**31**	**0**	**1**	**0**	**0**	**1**	**72**

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200108
Municipality: Stouffville
Count Date: May 03, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	6	1	0	0	7	0	0	0	0	0	0	0	0	0	0	0
07:15	7	1	5	0	13	0	0	0	0	0	0	0	0	0	0	0
07:30	9	3	0	0	12	1	0	1	0	2	0	0	0	0	0	0
07:45	10	14	5	0	29	0	0	0	0	0	0	0	0	0	0	0
08:00	10	26	6	0	42	0	0	0	0	0	0	0	0	0	0	6
08:15	23	6	13	0	42	0	0	0	0	0	0	0	0	0	0	93
08:30	15	6	2	0	23	0	0	0	0	0	0	0	0	0	0	1
08:45	12	2	4	0	18	0	0	0	0	0	0	0	0	0	0	1
09:00	7	6	2	0	15	0	0	0	0	0	0	0	0	0	0	0
09:15	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	13
09:30	6	3	3	0	12	0	0	0	0	0	0	0	0	0	0	3
09:45	9	0	2	0	11	1	0	0	0	1	0	0	0	0	0	0
10:00	1	2	4	0	7	0	0	0	0	0	0	0	0	0	0	0
10:15	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0
10:30	4	1	3	0	8	0	0	0	0	0	0	0	0	0	0	0
10:45	7	1	4	0	12	0	0	0	0	0	0	0	0	0	0	1
11:00	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0
11:15	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	0
11:30	4	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0
11:45	7	0	2	0	9	0	0	0	0	0	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	7	3	4	0	14	0	0	0	0	0	0	0	0	0	0	1
12:15	14	2	4	0	20	0	0	0	0	0	0	0	0	0	0	10
12:30	10	1	3	0	14	0	0	0	0	0	0	0	0	0	0	0
12:45	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	2
13:00	7	3	2	0	12	0	0	1	0	1	0	0	0	0	0	0
13:15	11	4	5	0	20	0	0	0	0	0	0	0	0	0	0	0
13:30	6	1	2	0	9	0	0	0	0	0	0	0	0	0	0	0
13:45	2	3	2	0	7	0	0	0	0	0	0	0	0	0	0	0
14:00	7	3	3	0	13	0	0	1	0	1	0	0	0	0	0	0
14:15	9	1	0	0	10	0	1	0	0	1	0	0	0	0	0	0
14:30	3	10	1	0	14	0	0	0	0	0	0	0	0	0	0	0
14:45	7	6	3	0	16	0	0	0	0	0	0	0	0	0	0	21
15:00	19	8	12	0	39	0	0	3	0	3	0	0	0	0	0	69
15:15	9	3	6	0	18	0	0	1	0	1	0	0	0	0	0	2
15:30	10	3	3	0	16	0	0	1	0	1	0	0	0	0	0	0
15:45	5	7	3	0	15	0	4	0	0	4	0	0	0	0	0	0
16:00	8	5	5	0	18	0	0	0	0	0	0	0	0	0	0	2
16:15	8	3	3	0	14	0	0	0	0	0	0	0	0	0	0	0
16:30	6	7	4	0	17	0	0	0	0	0	0	0	0	0	0	1
16:45	10	0	4	0	14	0	0	0	0	0	0	0	0	0	0	1
17:00	9	5	4	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	7	10	1	0	18	0	0	0	0	0	0	0	0	0	0	0
17:30	7	3	2	0	12	0	0	0	0	0	0	0	0	0	0	0
17:45	11	3	4	0	18	0	0	0	0	0	0	0	0	0	0	3
18:00	5	4	2	0	11	0	0	0	0	0	0	0	0	0	0	2
18:15	11	4	3	0	18	0	0	0	0	0	0	0	0	0	0	4
18:30	3	3	5	0	11	0	0	0	0	0	0	0	0	0	0	0
18:45	6	3	2	0	11	0	0	0	0	0	0	0	0	0	0	6
SUBTOTAL	371	184	153	0	708	2	5	8	0	15	0	0	0	0	0	242
GRAND TOTAL	371	184	153	0	708	2	5	8	0	15	0	0	0	0	0	242

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200108
Municipality: Stouffville
Count Date: May 03, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	0	72	2	0	74	0	1	0	0	1	0	0	0	0	0	0
07:15	4	47	4	0	55	1	3	1	0	5	0	0	0	0	0	0
07:30	3	55	6	0	64	0	1	0	0	1	0	0	0	0	0	0
07:45	5	66	12	0	83	0	2	0	0	2	0	0	0	0	0	0
08:00	7	76	13	0	96	0	2	2	0	4	0	0	0	0	0	0
08:15	7	73	6	0	86	0	4	0	0	4	0	0	0	0	0	5
08:30	5	59	4	0	68	0	2	1	0	3	0	0	0	0	0	1
08:45	6	96	4	0	106	0	2	0	0	2	0	0	0	0	0	0
09:00	0	88	11	0	99	0	1	1	0	2	0	0	0	0	0	0
09:15	0	76	5	0	81	0	1	0	0	1	0	0	0	0	0	0
09:30	4	62	3	0	69	0	2	0	0	2	0	0	0	0	0	0
09:45	5	78	3	0	86	0	2	0	0	2	0	0	0	0	0	0
10:00	2	63	0	0	65	0	0	0	0	0	0	0	0	0	0	0
10:15	2	81	3	0	86	0	2	0	0	2	0	0	0	0	0	0
10:30	4	57	1	0	62	0	0	0	0	0	0	0	0	0	0	1
10:45	2	85	1	0	88	0	0	0	0	0	0	0	0	0	0	2
11:00	4	67	4	0	75	0	3	0	0	3	0	0	0	0	0	1
11:15	2	55	2	0	59	0	1	0	0	1	0	0	0	0	0	0
11:30	1	69	1	0	71	0	0	0	0	0	0	0	0	0	0	0
11:45	4	80	0	0	84	0	1	0	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	2	70	5	0	77	0	3	0	0	3	0	0	0	0	0	2
12:15	4	67	3	0	74	0	0	0	0	0	0	0	0	0	0	3
12:30	4	58	1	0	63	0	3	0	0	3	0	0	0	0	0	0
12:45	2	76	5	0	83	0	3	0	0	3	0	0	0	0	0	1
13:00	1	85	3	0	89	0	2	0	0	2	0	0	0	0	0	0
13:15	3	64	5	0	72	0	2	0	0	2	0	0	0	0	0	0
13:30	0	53	1	0	54	0	4	0	0	4	0	0	0	0	0	0
13:45	7	56	5	0	68	0	0	1	0	1	0	0	0	0	0	0
14:00	2	63	2	0	67	0	2	0	0	2	0	0	0	0	0	1
14:15	4	76	5	0	85	0	0	0	0	0	0	0	0	0	0	0
14:30	1	65	10	0	76	0	2	0	0	2	0	0	0	0	0	0
14:45	6	52	4	0	62	0	1	0	0	1	0	0	0	0	0	1
15:00	3	61	3	0	67	0	4	0	0	4	0	0	0	0	0	2
15:15	1	77	4	0	82	0	1	0	0	1	0	0	0	0	0	0
15:30	4	69	3	0	76	0	1	0	0	1	0	0	0	0	0	0
15:45	1	75	14	0	90	0	0	0	0	0	0	0	0	0	0	2
16:00	6	63	6	0	75	0	1	0	0	1	0	0	0	0	0	0
16:15	6	84	12	0	102	0	3	0	0	3	0	0	0	0	0	0
16:30	5	72	14	0	91	0	1	0	0	1	0	0	0	0	0	0
16:45	3	71	1	0	75	0	2	0	0	2	0	0	0	0	0	2
17:00	8	80	10	0	98	0	0	0	0	0	0	0	0	0	0	0
17:15	4	81	3	0	88	0	1	1	0	2	0	0	0	0	0	0
17:30	2	66	7	0	75	0	0	0	0	0	0	0	0	0	0	0
17:45	5	77	14	0	96	0	0	0	0	0	0	0	0	0	0	0
18:00	1	66	6	0	73	0	0	0	0	0	0	0	0	0	0	1
18:15	2	79	7	0	88	0	0	0	0	0	0	0	0	0	0	0
18:30	1	54	3	0	58	0	0	0	0	0	0	0	0	0	0	0
18:45	5	78	4	0	87	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	160	3343	245	0	3748	1	67	7	0	75	0	0	0	0	0	26
GRAND TOTAL	160	3343	245	0	3748	1	67	7	0	75	0	0	0	0	0	26

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200108
Municipality: Stouffville
Count Date: May 03, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	1	40	4	0	45	0	3	0	0	3	0	0	0	0	0	0
07:15	7	37	6	0	50	1	1	0	0	2	0	0	0	0	0	2
07:30	1	34	4	0	39	0	2	0	0	2	0	0	0	0	0	1
07:45	6	33	5	0	44	0	2	0	0	2	0	0	0	0	0	3
08:00	10	44	12	0	66	0	4	1	0	5	0	0	0	0	0	8
08:15	10	56	10	0	76	0	1	1	0	2	0	0	0	0	0	64
08:30	3	57	9	0	69	0	5	0	0	5	0	0	0	0	0	1
08:45	6	55	10	0	71	0	2	0	0	2	0	0	0	0	0	1
09:00	7	56	8	0	71	0	3	1	0	4	0	0	0	0	0	0
09:15	4	58	2	0	64	0	1	0	0	1	0	0	0	0	0	2
09:30	6	59	5	0	70	0	4	0	0	4	0	0	0	0	0	0
09:45	6	58	4	0	68	0	2	0	0	2	0	0	0	0	0	1
10:00	7	47	3	0	57	0	2	0	0	2	0	0	0	0	0	1
10:15	7	43	7	0	57	0	0	0	0	0	0	0	0	0	0	1
10:30	6	56	5	0	67	0	2	0	0	2	0	0	0	0	0	1
10:45	7	51	10	0	68	0	1	0	0	1	0	0	0	0	0	1
11:00	10	54	7	0	71	0	0	0	0	0	0	0	0	0	0	1
11:15	9	56	6	0	71	0	2	0	0	2	0	0	0	0	0	1
11:30	7	52	6	0	65	0	2	0	0	2	0	0	0	0	0	0
11:45	8	70	5	0	83	0	1	1	0	2	0	0	0	0	0	1

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	4	74	5	0	83	0	0	0	0	0	0	0	0	0	0	2
12:15	10	70	10	0	90	1	1	0	0	2	0	0	0	0	0	10
12:30	7	79	6	0	92	0	4	0	0	4	0	0	0	0	0	4
12:45	9	75	6	0	90	0	5	0	0	5	0	0	0	0	0	0
13:00	11	74	9	0	94	0	1	0	0	1	0	0	0	0	0	4
13:15	6	71	7	0	84	0	0	0	0	0	0	0	0	0	0	7
13:30	9	63	7	0	79	0	3	0	0	3	0	0	0	0	0	0
13:45	6	98	3	0	107	0	2	0	0	2	0	0	0	0	0	1
14:00	9	67	8	0	84	0	0	0	0	0	0	0	0	0	0	0
14:15	6	77	6	0	89	0	1	1	0	2	0	0	0	0	0	0
14:30	7	75	15	0	97	0	3	0	0	3	0	0	0	0	0	4
14:45	11	81	6	0	98	0	3	0	0	3	0	0	0	0	0	17
15:00	10	77	5	0	92	0	2	0	0	2	0	0	0	0	0	55
15:15	8	95	7	0	110	0	1	0	0	1	0	0	0	0	0	3
15:30	14	75	8	0	97	1	8	0	0	9	0	0	0	0	0	1
15:45	17	90	16	0	123	0	2	0	0	2	0	0	0	0	0	4
16:00	12	113	13	0	138	0	0	0	0	0	0	0	0	0	0	0
16:15	13	110	9	0	132	0	0	0	0	0	0	0	0	0	0	0
16:30	13	74	18	0	105	0	4	0	0	4	0	0	0	0	0	1
16:45	23	93	12	0	128	0	0	0	0	0	0	0	0	0	0	2
17:00	15	86	9	0	110	0	1	0	0	1	0	0	0	0	0	5
17:15	15	98	15	0	128	0	0	0	0	0	1	0	0	0	1	5
17:30	12	102	18	0	132	0	2	0	0	2	0	0	0	0	0	2
17:45	11	100	9	0	120	0	1	0	0	1	0	0	0	0	0	1
18:00	8	113	4	0	125	0	0	0	0	0	0	0	0	0	0	1
18:15	11	73	11	0	95	0	1	0	0	1	0	0	0	0	0	1
18:30	8	97	7	0	112	0	0	0	0	0	0	0	0	0	0	0
18:45	13	77	8	0	98	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	426	3393	385	0	4204	3	86	5	0	94	1	0	0	0	1	221
GRAND TOTAL	426	3393	385	0	4204	3	86	5	0	94	1	0	0	0	1	221

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Project #23-052 - Town of Stouffville

Intersection Count Report

Intersection:	Main St & Stouffer St
Municipality:	Stouffville
Count Date:	Thursday, May 04, 2023
Site Code:	2305200109
Count Categories:	Cars, Trucks, Bicycles, Pede
Count Period:	07:00-19:00
Weather:	Clear
Comments:	

Main St - West Segment

Total Volumes (12-Hour Count):
Cars:419+421+3699+4352=8891
Trucks:10+8+57+109=184
Total:8891+184=9075

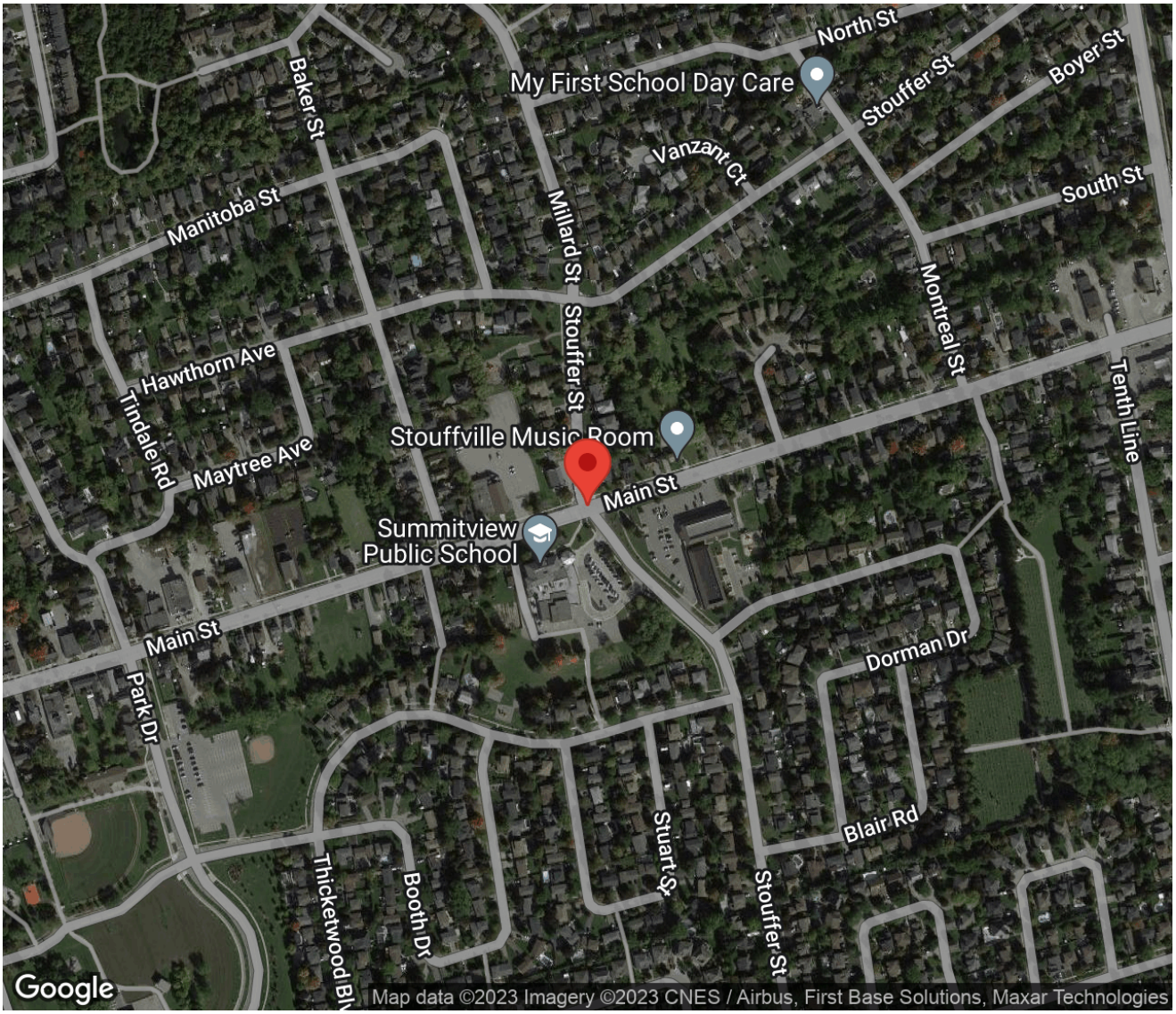
24-Hour Volume (2023): 9075*1.35=12,251.3
24-Hour Volume (2036):12,251.3*(1.02^(2036-2023))=15848.4

Total Truck Percentage: 184/9075=2.0%

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Map

Intersection:	Main St & Stouffer St
Site Code:	2305200109
Municipality:	Stouffville
Count Date:	May 04, 2023



Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200109
Municipality: Stouffville
Count Date: May 04, 2023

North Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	7	0	11	0	18	0	0	0	0	0	0	0	0	0	0	3
07:15	3	1	4	0	8	1	0	1	0	2	0	0	0	0	0	2
07:30	10	3	15	0	28	0	2	0	0	2	0	0	0	0	0	0
07:45	4	5	14	0	23	1	0	0	0	1	0	0	0	0	0	0
08:00	18	18	14	0	50	1	1	0	0	2	0	0	0	0	0	3
08:15	20	16	13	0	49	1	0	0	0	1	0	0	0	0	0	0
08:30	5	3	16	0	24	0	0	1	0	1	0	0	0	0	0	0
08:45	11	3	22	0	36	0	0	1	0	1	0	0	0	0	0	3
09:00	3	2	8	0	13	0	0	0	0	0	0	0	0	0	0	0
09:15	5	2	7	0	14	0	0	0	0	0	0	0	0	0	0	0
09:30	6	0	4	0	10	0	0	1	0	1	0	0	0	0	0	0
09:45	6	2	8	0	16	0	0	2	0	2	0	0	0	0	0	2
10:00	3	3	5	0	11	0	0	0	0	0	0	0	0	0	0	1
10:15	2	4	7	0	13	0	0	0	0	0	0	0	0	0	0	2
10:30	7	1	3	0	11	0	0	0	0	0	0	0	0	0	0	3
10:45	8	2	8	0	18	0	0	0	0	0	0	0	0	0	0	1
11:00	2	2	5	0	9	0	0	0	0	0	0	0	0	0	0	1
11:15	3	1	8	0	12	0	0	0	0	0	0	0	0	0	0	1
11:30	3	4	5	0	12	0	0	0	0	0	0	0	0	0	0	1
11:45	4	4	11	0	19	0	0	0	0	0	0	0	0	0	0	2

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	2	9	9	0	20	0	1	0	0	1	0	0	0	0	0	2
12:15	5	0	8	0	13	0	0	0	0	0	0	0	0	0	0	0
12:30	6	3	8	0	17	0	0	0	0	0	0	0	0	0	0	3
12:45	5	1	8	0	14	0	0	0	0	0	0	0	0	0	0	3
13:00	4	3	9	0	16	0	0	0	0	0	0	0	0	0	0	2
13:15	6	4	8	0	18	0	1	1	0	2	0	0	0	0	0	0
13:30	4	2	11	0	17	0	0	0	0	0	0	0	0	0	0	0
13:45	4	0	6	0	10	0	0	0	0	0	0	0	0	0	0	2
14:00	7	2	7	0	16	0	0	0	0	0	0	0	0	0	0	1
14:15	2	0	13	0	15	1	0	0	0	1	0	0	0	0	0	0
14:30	7	2	9	0	18	0	0	0	0	0	0	0	0	0	0	0
14:45	14	12	6	0	32	1	1	0	0	2	0	0	0	0	0	5
15:00	17	10	9	0	36	0	1	0	0	1	0	0	0	0	0	8
15:15	7	8	8	0	23	0	1	0	0	1	0	0	0	0	0	1
15:30	13	7	5	0	25	1	0	0	0	1	0	0	0	0	0	0
15:45	10	3	9	0	22	1	1	0	0	2	0	0	0	0	0	2
16:00	10	9	5	0	24	1	0	0	0	1	0	0	0	0	0	4
16:15	4	7	7	0	18	0	0	0	0	0	0	0	0	0	0	2
16:30	6	1	7	0	14	0	0	2	0	2	0	0	0	0	0	0
16:45	7	10	6	0	23	0	0	0	0	0	0	0	0	0	0	0
17:00	6	8	10	0	24	0	0	0	0	0	0	0	0	0	0	0
17:15	6	10	9	0	25	0	0	0	0	0	0	0	0	0	0	4
17:30	8	4	8	0	20	0	0	0	0	0	0	0	0	0	0	2
17:45	3	4	13	0	20	0	0	0	0	0	0	0	0	0	0	3
18:00	8	3	6	0	17	0	0	0	0	0	0	0	0	0	0	2
18:15	10	9	10	0	29	0	0	1	0	1	0	0	0	0	0	4
18:30	3	6	7	0	16	0	0	0	0	0	0	0	0	0	0	1
18:45	10	6	10	0	26	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	324	219	419	0	962	9	9	10	0	28	0	0	0	0	0	77
GRAND TOTAL	324	219	419	0	962	9	9	10	0	28	0	0	0	0	0	77

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200109
Municipality: Stouffville
Count Date: May 04, 2023

South Approach - Stouffer St

Start Time	Cars					Trucks					Bicycles					Total Peds
					Total					Total					Total	
07:00	7	2	1	0	10	0	0	0	0	0	0	0	0	0	0	0
07:15	9	5	2	0	16	1	0	0	0	1	0	0	0	0	0	0
07:30	11	3	2	0	16	1	0	0	0	1	0	0	0	0	0	1
07:45	5	14	5	0	24	0	0	0	0	0	0	0	0	0	0	4
08:00	14	18	3	0	35	0	0	0	0	0	0	0	0	0	0	2
08:15	23	14	9	0	46	0	0	0	0	0	0	0	0	0	0	81
08:30	18	3	6	0	27	0	0	0	0	0	0	0	0	0	0	8
08:45	10	3	2	0	15	0	0	1	0	1	0	0	0	0	0	5
09:00	10	2	3	0	15	0	1	1	0	2	0	0	0	0	0	2
09:15	7	2	6	0	15	0	0	0	0	0	0	0	0	0	0	2
09:30	4	2	0	0	6	0	0	0	0	0	0	0	0	0	0	3
09:45	8	0	3	0	11	0	0	1	0	1	0	0	0	0	0	0
10:00	8	3	1	0	12	0	0	0	0	0	0	0	0	0	0	0
10:15	3	1	5	0	9	0	0	0	0	0	0	0	0	0	0	3
10:30	4	6	2	0	12	0	0	0	0	0	0	0	0	0	0	1
10:45	4	1	2	0	7	1	0	0	0	1	0	0	0	0	0	1
11:00	7	1	1	0	9	0	0	0	0	0	0	0	0	0	0	2
11:15	8	2	3	0	13	0	0	0	0	0	0	0	0	0	0	1
11:30	11	1	4	0	16	0	0	0	0	0	0	0	0	0	0	0
11:45	7	1	4	0	12	0	0	2	0	2	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	10	2	5	0	17	0	0	0	0	0	0	0	0	0	0	3
12:15	10	0	6	0	16	1	0	0	0	1	0	0	0	0	0	9
12:30	8	3	0	0	11	0	0	1	0	1	0	0	0	0	0	2
12:45	7	2	3	0	12	0	0	0	0	0	0	0	0	0	0	3
13:00	6	1	2	0	9	0	0	0	0	0	0	0	0	0	0	1
13:15	10	3	4	0	17	0	0	0	0	0	0	0	0	0	0	9
13:30	4	3	2	0	9	0	0	0	0	0	0	0	0	0	0	2
13:45	4	3	2	0	9	1	0	0	0	1	0	0	0	0	0	0
14:00	6	4	4	0	14	0	0	0	0	0	0	0	0	0	0	0
14:15	8	4	3	0	15	0	1	0	0	1	0	0	0	0	0	0
14:30	8	7	2	0	17	0	0	0	0	0	0	0	0	0	0	3
14:45	8	3	5	0	16	1	0	0	0	1	0	0	0	0	0	24
15:00	15	9	10	0	34	0	0	0	0	0	0	0	0	0	0	65
15:15	16	4	12	0	32	1	0	0	0	1	0	0	0	0	0	3
15:30	7	2	10	0	19	0	0	0	0	0	0	0	0	0	0	7
15:45	6	3	3	0	12	0	4	0	0	4	0	0	0	0	0	2
16:00	10	7	1	0	18	0	0	0	0	0	0	0	0	0	0	4
16:15	10	4	7	0	21	1	0	0	0	1	0	0	0	0	0	1
16:30	10	3	5	0	18	0	0	0	0	0	0	0	0	0	0	4
16:45	12	2	5	0	19	0	0	0	0	0	0	0	0	0	0	7
17:00	8	11	8	0	27	0	0	0	0	0	0	0	0	0	0	1
17:15	11	8	3	0	22	0	0	0	0	0	0	0	0	0	0	4
17:30	7	2	8	0	17	0	0	0	0	0	0	0	0	0	0	5
17:45	10	6	4	0	20	0	0	0	0	0	0	0	0	0	0	2
18:00	6	4	5	0	15	0	0	0	0	0	0	0	0	0	0	1
18:15	7	4	2	0	13	0	0	1	0	1	0	0	0	0	0	0
18:30	9	2	3	0	14	0	0	0	0	0	0	0	0	0	0	2
18:45	10	1	2	0	13	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	421	191	190	0	802	8	6	7	0	21	0	0	0	0	0	281
GRAND TOTAL	421	191	190	0	802	8	6	7	0	21	0	0	0	0	0	281

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200109
Municipality: Stouffville
Count Date: May 04, 2023

East Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	↰	↑	↱	↷	Total	
07:00	1	72	3	0	76	0	1	0	0	1	0	0	0	0	0	0
07:15	4	42	3	0	49	1	1	1	0	3	0	0	0	0	0	0
07:30	1	51	2	0	54	0	2	0	0	2	0	0	0	0	0	0
07:45	4	78	13	0	95	0	1	0	0	1	0	0	0	0	0	0
08:00	11	83	18	0	112	0	1	2	0	3	0	0	0	0	0	1
08:15	6	85	3	0	94	0	3	0	0	3	0	0	0	0	0	2
08:30	5	85	4	0	94	0	0	1	0	1	0	0	0	0	0	1
08:45	1	105	4	0	110	0	0	0	0	0	0	0	0	0	0	1
09:00	1	103	5	0	109	0	2	2	0	4	0	0	0	0	0	1
09:15	2	75	3	0	80	0	2	0	0	2	0	0	0	0	0	0
09:30	3	80	2	0	85	1	1	0	0	2	0	0	0	0	0	0
09:45	3	73	0	0	76	0	2	0	0	2	0	0	0	0	0	2
10:00	0	63	1	0	64	0	2	0	0	2	0	0	0	0	0	0
10:15	1	74	3	0	78	0	0	0	0	0	0	0	0	0	0	0
10:30	1	62	4	0	67	0	1	0	0	1	0	0	0	0	0	0
10:45	0	80	4	0	84	0	1	0	0	1	0	0	0	0	0	0
11:00	3	68	6	0	77	0	2	0	0	2	0	0	0	0	0	0
11:15	2	67	4	0	73	0	1	0	0	1	0	0	0	0	0	1
11:30	2	69	3	0	74	0	1	0	0	1	0	0	0	0	0	2
11:45	1	82	4	0	87	0	1	0	0	1	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	6	89	9	0	104	0	1	0	0	1	0	0	0	0	0	0
12:15	4	69	6	0	79	0	0	0	0	0	0	0	0	0	0	0
12:30	6	69	4	0	79	0	2	0	0	2	0	0	0	0	0	0
12:45	6	83	4	0	93	0	2	0	0	2	0	0	0	0	0	1
13:00	2	83	4	0	89	0	3	0	0	3	0	0	0	0	0	2
13:15	1	74	5	0	80	0	4	0	0	4	0	0	0	0	0	3
13:30	3	80	2	0	85	0	0	1	0	1	0	0	0	0	0	0
13:45	4	85	0	0	89	0	0	0	0	0	0	0	0	0	0	0
14:00	0	77	2	0	79	0	2	0	0	2	0	0	0	0	0	1
14:15	3	68	7	0	78	0	1	0	0	1	0	0	0	0	0	0
14:30	5	84	5	0	94	0	1	0	0	1	0	0	0	0	0	0
14:45	6	78	7	0	91	0	2	0	0	2	0	0	0	0	0	2
15:00	2	84	1	0	87	0	1	1	0	2	0	0	0	0	0	8
15:15	1	87	5	0	93	0	1	0	0	1	0	0	0	0	0	0
15:30	4	94	9	0	107	0	1	0	0	1	0	0	0	0	0	0
15:45	3	68	10	0	81	0	1	0	0	1	0	0	0	0	0	2
16:00	1	84	7	0	92	0	2	0	0	2	0	0	0	0	0	1
16:15	9	68	7	0	84	0	2	1	0	3	0	0	0	0	0	4
16:30	6	91	7	0	104	0	0	0	0	0	0	0	0	0	0	0
16:45	10	78	10	0	98	0	1	0	0	1	0	0	0	0	0	0
17:00	5	82	14	0	101	0	0	0	0	0	0	0	0	0	0	0
17:15	6	86	10	0	102	0	0	1	0	1	0	0	0	0	0	0
17:30	6	100	6	0	112	0	0	0	0	0	0	0	0	0	0	0
17:45	5	69	6	0	80	0	1	0	0	1	0	0	0	0	0	0
18:00	3	84	10	0	97	0	1	0	0	1	0	0	0	0	0	0
18:15	7	74	11	0	92	0	1	0	0	1	0	0	0	0	0	0
18:30	3	49	2	0	54	0	0	0	0	0	0	0	0	0	0	0
18:45	1	65	7	0	73	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	170	3699	266	0	4135	2	57	10	0	69	0	0	0	0	0	35
GRAND TOTAL	170	3699	266	0	4135	2	57	10	0	69	0	0	0	0	0	35

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Traffic Count Data

Intersection: Main St & Stouffer St
Site Code: 2305200109
Municipality: Stouffville
Count Date: May 04, 2023

West Approach - Main St

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
07:00	2	26	2	0	30	0	1	1	0	2	0	0	0	0	0	0
07:15	5	44	7	0	56	0	1	1	0	2	0	0	0	0	0	2
07:30	3	47	5	0	55	1	2	0	0	3	0	0	0	0	0	2
07:45	3	27	6	0	36	0	5	1	0	6	0	0	0	0	0	5
08:00	8	54	10	0	72	0	3	1	0	4	0	0	0	0	0	8
08:15	8	55	12	0	75	0	2	2	0	4	0	0	0	0	0	63
08:30	2	56	6	0	64	1	2	0	0	3	0	0	0	0	0	5
08:45	7	74	6	0	87	1	3	1	0	5	0	0	0	0	0	0
09:00	12	72	12	0	96	1	2	0	0	3	0	0	0	0	0	1
09:15	3	67	6	0	76	0	3	0	0	3	0	0	0	0	0	0
09:30	4	74	5	0	83	0	6	0	0	6	0	0	0	0	0	1
09:45	4	63	4	0	71	1	0	0	0	1	0	0	0	0	0	0
10:00	7	62	2	0	71	0	4	0	0	4	0	0	0	0	0	2
10:15	6	69	1	0	76	0	1	0	0	1	0	0	0	0	0	0
10:30	8	48	7	0	63	0	2	2	0	4	0	0	0	0	0	1
10:45	7	65	5	0	77	0	3	0	0	3	0	0	0	0	0	1
11:00	3	54	6	0	63	0	1	0	0	1	0	0	0	0	0	0
11:15	4	66	3	0	73	0	2	0	0	2	0	1	0	0	1	0
11:30	4	72	6	0	82	0	5	1	0	6	0	1	0	0	1	1
11:45	9	67	8	0	84	0	3	1	0	4	0	0	0	0	0	0

Start Time	Cars					Trucks					Bicycles					Total Peds
	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	↰	↑	↱	↶	Total	
12:00	11	74	10	0	95	0	0	0	0	0	0	0	0	0	0	2
12:15	10	80	10	0	100	0	1	0	0	1	0	0	0	0	0	13
12:30	9	59	5	0	73	0	2	0	0	2	0	0	0	0	0	2
12:45	15	83	15	0	113	0	0	0	0	0	0	0	0	0	0	0
13:00	6	69	7	0	82	0	1	0	0	1	0	0	0	0	0	1
13:15	6	63	4	0	73	0	2	0	0	2	0	0	0	0	0	14
13:30	8	90	12	0	110	0	5	0	0	5	0	0	0	0	0	0
13:45	7	76	10	0	93	0	1	0	0	1	0	0	0	0	0	0
14:00	8	70	4	0	82	0	1	0	0	1	0	0	0	0	0	0
14:15	13	81	8	0	102	1	4	0	0	5	0	0	0	0	0	1
14:30	10	68	9	0	87	0	4	0	0	4	0	0	0	0	0	4
14:45	15	67	15	0	97	0	1	0	0	1	0	0	0	0	0	19
15:00	13	100	10	0	123	0	1	0	0	1	0	0	0	0	0	60
15:15	3	83	9	0	95	0	3	0	0	3	0	0	0	0	0	3
15:30	7	93	8	0	108	0	2	0	0	2	0	0	0	0	0	4
15:45	15	90	11	0	116	0	3	0	0	3	0	0	0	0	0	0
16:00	11	113	9	0	133	0	0	0	0	0	0	0	0	0	0	0
16:15	12	98	18	0	128	0	1	0	0	1	0	0	0	0	0	2
16:30	20	94	8	0	122	0	2	0	0	2	0	0	0	0	0	3
16:45	12	86	14	0	112	0	1	0	0	1	0	0	0	0	0	2
17:00	10	77	16	0	103	0	1	0	0	1	0	0	0	0	0	3
17:15	11	93	17	0	121	0	0	0	0	0	0	0	0	0	0	4
17:30	13	91	16	0	120	0	1	0	0	1	0	0	0	0	0	5
17:45	16	102	11	0	129	0	0	0	0	0	0	0	0	0	0	1
18:00	15	111	9	0	135	0	2	0	0	2	0	0	0	0	0	0
18:15	8	94	6	0	108	0	0	0	0	0	0	0	0	0	0	3
18:30	12	82	11	0	105	1	1	0	0	2	0	0	0	0	0	0
18:45	7	80	10	0	97	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	412	3529	411	0	4352	7	91	11	0	109	0	2	0	0	2	238
GRAND TOTAL	**412**	**3529**	**411**	**0**	**4352**	**7**	**91**	**11**	**0**	**109**	**0**	**2**	**0**	**0**	**2**	**238**

Peak Hour Diagram

Specified Period
From: 07:00:00
To: 10:00:00

One Hour Peak
From: 08:00:00
To: 09:00:00

Intersection: Main St & Stouffer St
Site Code: 2305200109
Count Date: May 04, 2023

Weather conditions: Clear

**** Signalized Intersection ****

Major Road: Main St runs E/W

North Approach

	Out	In	Total
Cars	159	92	251
Trucks	5	5	10
Bicycles	0	0	0
	164	**97**	**261**

Stouffer St

Bicycles	0	0	0	0
Trucks	2	1	2	0
Cars	65	40	54	0
Totals	**67**	**41**	**56**	**0**

East Approach

	Out	In	Total
Cars	410	313	723
Trucks	7	13	20
Bicycles	0	0	0
	417	**326**	**743**

Main St

			Totals
0	0	0	**0**
0	2	25	**27**
0	10	239	**249**
0	4	34	**38**

Peds: 6

Peds: 76

N
W
E
S

Peds: 5

Main St

Totals			
0	0	0	0
32	29	3	0
362	358	4	0
23	23	0	0

Peds: 96

West Approach

	Out	In	Total
Cars	298	488	786
Trucks	16	6	22
Bicycles	0	0	0
	314	**494**	**808**

Stouffer St

Totals	**65**	**38**	**21**	**0**
Cars	65	38	20	0
Trucks	0	0	1	0
Bicycles	0	0	0	0

South Approach

	Out	In	Total
Cars	123	97	220
Trucks	1	5	6
Bicycles	0	0	0
	124	**102**	**226**

Cars - Trucks - Bicycles

Comments

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Summary

Intersection: Main St & Stouffer St
Site Code: 2305200109
Count Date: May 04, 2023
Period: 07:00 - 10:00

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

Start Time	North Approach Stouffer St						South Approach Stouffer St						East Approach Main St						West Approach Main St						Total Vehicles
					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
08:00	19	19	14	0	3	52	14	18	3	0	2	35	11	84	20	0	1	115	8	57	11	0	8	76	278
08:15	21	16	13	0	0	50	23	14	9	0	81	46	6	88	3	0	2	97	8	57	14	0	63	79	272
08:30	5	3	17	0	0	25	18	3	6	0	8	27	5	85	5	0	1	95	3	58	6	0	5	67	214
08:45	11	3	23	0	3	37	10	3	3	0	5	16	1	105	4	0	1	110	8	77	7	0	0	92	255
Grand Total	**56**	**41**	**67**	**0**	**6**	**164**	**65**	**38**	**21**	**0**	**96**	**124**	**23**	**362**	**32**	**0**	**5**	**417**	**27**	**249**	**38**	**0**	**76**	**314**	**1019**
Approach %	34.1	25	40.9	0		-	52.4	30.6	16.9	0		-	5.5	86.8	7.7	0		-	8.6	79.3	12.1	0		-	
Totals %	5.5	4	6.6	0		16.1	6.4	3.7	2.1	0		12.2	2.3	35.5	3.1	0		40.9	2.6	24.4	3.7	0		30.8	
PHF	**0.67**	**0.54**	**0.73**	**0**		**0.79**	**0.71**	**0.53**	**0.58**	**0**		**0.67**	**0.52**	**0.86**	**0.4**	**0**		**0.91**	**0.84**	**0.81**	**0.68**	**0**		**0.85**	**0.92**
Cars	54	40	65	0		159	65	38	20	0		123	23	358	29	0		410	25	239	34	0		298	990
% Cars	96.4	97.6	97	0		97	100	100	95.2	0		99.2	100	98.9	90.6	0		98.3	92.6	96	89.5	0		94.9	97.2
Trucks	2	1	2	0		5	0	0	1	0		1	0	4	3	0		7	2	10	4	0		16	29
% Trucks	3.6	2.4	3	0		3	0	0	4.8	0		0.8	0	1.1	9.4	0		1.7	7.4	4	10.5	0		5.1	2.8
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					6	-					96	-					5	-					76	-	183
% Peds					3.3	-					52.5	-					2.7	-					41.5	-	

Peak Hour Diagram

Specified Period
From: 10:00:00
To: 14:00:00

One Hour Peak
From: 12:00:00
To: 13:00:00

Intersection: Main St & Stouffer St
Site Code: 2305200109
Count Date: May 04, 2023

Weather conditions: Clear

**** Signalized Intersection ****

Major Road: Main St runs E/W

North Approach

	Out	In	Total
Cars	64	75	139
Trucks	1	0	1
Bicycles	0	0	0
	65	**75**	**140**

Stouffer St

Bicycles	0	0	0	0
Trucks	0	1	0	0
Cars	33	13	18	0
Totals	**33**	**14**	**18**	**0**

East Approach

	Out	In	Total
Cars	355	328	683
Trucks	5	4	9
Bicycles	0	0	0
	360	**332**	**692**

Peds: 8

Main St

			Totals
0	0	0	**0**
0	0	45	**45**
0	3	296	**299**
0	0	40	**40**

Peds: 17



Peds: 1

Main St

	Totals			
	0	0	0	0
	23	23	0	0
	315	310	5	0
	22	22	0	0

Peds: 17

West Approach

	Out	In	Total
Cars	381	378	759
Trucks	3	6	9
Bicycles	0	0	0
	384	**384**	**768**

Totals	**36**	**7**	**15**	**0**
Cars	35	7	14	0
Trucks	1	0	1	0
Bicycles	0	0	0	0

Stouffer St

South Approach

	Out	In	Total
Cars	56	75	131
Trucks	2	1	3
Bicycles	0	0	0
	58	**76**	**134**

Cars - Trucks - Bicycles

Comments

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Summary

Intersection: Main St & Stouffer St
Site Code: 2305200109
Count Date: May 04, 2023
Period: 10:00 - 14:00

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

Start Time	North Approach Stouffer St						South Approach Stouffer St						East Approach Main St						West Approach Main St						Total Vehicles
					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
12:00	2	10	9	0	2	21	10	2	5	0	3	17	6	90	9	0	0	105	11	74	10	0	2	95	238
12:15	5	0	8	0	0	13	11	0	6	0	9	17	4	69	6	0	0	79	10	81	10	0	13	101	210
12:30	6	3	8	0	3	17	8	3	1	0	2	12	6	71	4	0	0	81	9	61	5	0	2	75	185
12:45	5	1	8	0	3	14	7	2	3	0	3	12	6	85	4	0	1	95	15	83	15	0	0	113	234
Grand Total	**18**	**14**	**33**	**0**	**8**	**65**	**36**	**7**	**15**	**0**	**17**	**58**	**22**	**315**	**23**	**0**	**1**	**360**	**45**	**299**	**40**	**0**	**17**	**384**	**867**
Approach %	27.7	21.5	50.8	0		-	62.1	12.1	25.9	0		-	6.1	87.5	6.4	0		-	11.7	77.9	10.4	0		-	
Totals %	2.1	1.6	3.8	0		7.5	4.2	0.8	1.7	0		6.7	2.5	36.3	2.7	0		41.5	5.2	34.5	4.6	0		44.3	
PHF	**0.75**	**0.35**	**0.92**	**0**		**0.77**	**0.82**	**0.58**	**0.63**	**0**		**0.85**	**0.92**	**0.88**	**0.64**	**0**		**0.86**	**0.75**	**0.9**	**0.67**	**0**		**0.85**	**0.91**
Cars	18	13	33	0		64	35	7	14	0		56	22	310	23	0		355	45	296	40	0		381	856
% Cars	100	92.9	100	0		98.5	97.2	100	93.3	0		96.6	100	98.4	100	0		98.6	100	99	100	0		99.2	98.7
Trucks	0	1	0	0		1	1	0	1	0		2	0	5	0	0		5	0	3	0	0		3	11
% Trucks	0	7.1	0	0		1.5	2.8	0	6.7	0		3.4	0	1.6	0	0		1.4	0	1	0	0		0.8	1.3
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					8	-					17	-					1	-					17	-	43
% Peds					18.6	-					39.5	-					2.3	-					39.5	-	

Peak Hour Diagram

Specified Period
From: 14:00:00
To: 19:00:00

One Hour Peak
From: 17:15:00
To: 18:15:00

Intersection: Main St & Stouffer St
Site Code: 2305200109
Count Date: May 04, 2023

Weather conditions: Clear

**** Signalized Intersection ****

Major Road: Main St runs E/W

North Approach

	Out	In	Total
Cars	82	107	189
Trucks	0	1	1
Bicycles	0	0	0
	82	**108**	**190**

Stouffer St

Bicycles	0	0	0	0
Trucks	0	0	0	0
Cars	36	21	25	0
Totals	**36**	**21**	**25**	**0**

Peds: 11

East Approach

	Out	In	Total
Cars	391	442	833
Trucks	3	3	6
Bicycles	0	0	0
	394	**445**	**839**

Main St

			Totals	
0	0	0	**0**	
0	0	55	**55**	
0	3	397	**400**	
0	0	53	**53**	

Peds: 10



Peds: 0

Main St

Totals			
0	0	0	0
33	32	1	0
341	339	2	0
20	20	0	0

Peds: 12

West Approach

	Out	In	Total
Cars	505	409	914
Trucks	3	2	5
Bicycles	0	0	0
	508	**411**	**919**

Totals	**34**	**20**	**20**	**0**
Cars	34	20	20	0
Trucks	0	0	0	0
Bicycles	0	0	0	0

Stouffer St

South Approach

	Out	In	Total
Cars	74	94	168
Trucks	0	0	0
Bicycles	0	0	0
	74	**94**	**168**

Cars - Trucks - Bicycles

Comments

Ontario Traffic Inc.
Traffic Monitoring • Services & Products

Peak Hour Summary

Intersection:	Main St & Stouffer St
Site Code:	2305200109
Count Date:	May 04, 2023
Period:	14:00 - 19:00

Peak Hour Data (17:15 - 18:15)

Start Time	North Approach Stouffer St						South Approach Stouffer St						East Approach Main St						West Approach Main St						Total Vehicles
					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
17:15	6	10	9	0	4	25	11	8	3	0	4	22	6	86	11	0	0	103	11	93	17	0	4	121	271
17:30	8	4	8	0	2	20	7	2	8	0	5	17	6	100	6	0	0	112	13	92	16	0	5	121	270
17:45	3	4	13	0	3	20	10	6	4	0	2	20	5	70	6	0	0	81	16	102	11	0	1	129	250
18:00	8	3	6	0	2	17	6	4	5	0	1	15	3	85	10	0	0	98	15	113	9	0	0	137	267
Grand Total	**25**	**21**	**36**	**0**	**11**	**82**	**34**	**20**	**20**	**0**	**12**	**74**	**20**	**341**	**33**	**0**	**0**	**394**	**55**	**400**	**53**	**0**	**10**	**508**	**1058**
Approach %	30.5	25.6	43.9	0		-	45.9	27	27	0		-	5.1	86.5	8.4	0		-	10.8	78.7	10.4	0		-	
Totals %	2.4	2	3.4	0		7.8	3.2	1.9	1.9	0		7	1.9	32.2	3.1	0		37.2	5.2	37.8	5	0		48	
PHF	**0.78**	**0.53**	**0.69**	**0**		**0.82**	**0.77**	**0.63**	**0.63**	**0**		**0.84**	**0.83**	**0.85**	**0.75**	**0**		**0.88**	**0.86**	**0.88**	**0.78**	**0**		**0.93**	**0.98**
Cars	25	21	36	0		82	34	20	20	0		74	20	339	32	0		391	55	397	53	0		505	1052
% Cars	100	100	100	0		100	100	100	100	0		100	100	99.4	97	0		99.2	100	99.3	100	0		99.4	99.4
Trucks	0	0	0	0		0	0	0	0	0		0	0	2	1	0		3	0	3	0	0		3	6
% Trucks	0	0	0	0		0	0	0	0	0		0	0	0.6	3	0		0.8	0	0.8	0	0		0.6	0.6
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					11	-					12	-					0	-					10	-	33
% Peds					33.3	-					36.4	-					0	-					30.3	-	

APPENDIX C

ENVIRONMENTAL NOISE GUIDELINES

APPENDIX C

ENVIRONMENTAL NOISE GUIDELINES

MINISTRY OF THE ENVIRONMENT AND CLIMATE CHANGE (MECP)

Reference: MECP Publication NPC-300, October 2013: *"Environmental Noise Guideline, Stationary and Transportation Source – Approval and Planning"*.

SPACE	SOURCE	TIME PERIOD	CRITERION
Living/dining, den areas of residences, hospitals, nursing homes, schools, daycare centres, etc.	Road Rail Aircraft	07:00 to 23:00 07:00 to 23:00 24-hour period	45 dBA 40 dBA NEF/NEP 5
Living/dining, den areas of residences, hospitals, nursing homes, etc. (except schools or daycare centres)	Road Rail Aircraft	23:00 to 07:00 23:00 to 07:00 24-hour period	45 dBA 40 dBA NEF/NEP 5
Sleeping quarters	Road Rail Aircraft	07:00 to 23:00 07:00 to 23:00 24-hour period	45 dBA 40 dBA NEF/NEP 0
Sleeping quarters	Road Rail Aircraft	23:00 to 07:00 23:00 to 07:00 24-hour period	40 dBA 35 dBA NEF/NEP 0
Outdoor Living Areas	Road and Rail	07:00 to 23:00	55 dBA
Outdoor Point of Reception	Aircraft	24-hour period	NEF/NEP 30#
	Stationary Source		
	Class 1 Area	07:00 to 19:00(1)	50* dBA
		19:00 to 23:00(1)	50* dBA
	Class 2 Area	07:00 to 19:00(2)	50* dBA
		19:00 to 23:00(2)	45* dBA
	Class 3 Area	07:00 to 19:00(3)	45* dBA
		19:00 to 23:00(3)	40* dBA
	Class 4 Area	07:00 to 19:00(4)	55* dBA
		19:00 to 23:00(4)	55* dBA

…./cont'd

SPACE	SOURCE	TIME PERIOD	CRITERION
Plane of a Window of Noise Sensitive Spaces	Stationary Source		
	Class 1 Area	07:00 to 19:00(1)	50* dBA
		19:00 to 23:00(1)	50* dBA
		23:00 to 07:00(1)	45* dBA
	Class 2 Area	07:00 to 19:00(2)	50* dBA
		19:00 to 23:00(2)	50* dBA
		23:00 to 07:00(2)	45* dBA
	Class 3 Area	07:00 to 19:00(3)	45* dBA
		19:00 to 23:00(3)	45* dBA
		23:00 to 07:00(3)	40* dBA
	Class 4 Area	07:00 to 19:00(4)	60* dBA
		19:00 to 23:00(4)	60* dBA
		23:00 to 07:00(4)	55* dBA

\# may not apply to in-fill or re-development.
* or the minimum hourly background sound exposure $L_{eq(1)}$, due to road traffic, if higher.
(1) Class 1 Area: Urban.
(2) Class 2 Area: Urban during day; rural-like evening and night.
(3) Class 3 Area: Rural.
(4) Class 4 Area: Subject to land use planning authority's approval.

Reference: MOE Publication ISBN 0-7729-2804-5, 1987: *"Environmental Noise Assessment in Land-Use Planning"*.

EXCESS ABOVE RECOMMENDED SOUND LEVEL LIMITS (dBA)	CHANGE IN SUBJECTIVE LOUDNESS ABOVE	MAGNITUDE OF THE NOISE PROBLEM	NOISE CONTROL MEASURES (OR ACTION TO BE TAKEN)
No excess (<55 dBA)	—	No expected noise problem	None
1 to 5 inclusive (56 to 60 dBA)	Noticeably louder	Slight noise impact	If no physical measures are taken, then prospective purchasers or tenants should be made aware by suitable warning clauses.
6 to 10 inclusive (61 - 65 dBA)	Almost twice as loud	Definite noise impact	Recommended.
11 to 15 inclusive (66 - 70 dBA)	Almost three times as loud	Serious noise impact	Strongly Recommended.
16 and over (>70 dBA)	Almost four times as loud	Very serious noise impact	Strongly Recommended (may be mandatory).

APPENDIX D

SAMPLE CALCULATIONS

```
STAMSON 5.04        NORMAL REPORT        Date: 30-09-2026 11:00:09
MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS / NOISE ASSESSMENT

Filename: b_ola1u.te           Time Period: Day/Night 16/8 hours
Description: Block B Southerly Unit OLA - Unmitigated


Road data, segment # 1: Main St (day/night)
-------------------------------------------
Car traffic volume  : 18043/2005  veh/TimePeriod  *
Medium truck volume :   570/63    veh/TimePeriod  *
Heavy truck volume  :   380/42    veh/TimePeriod  *
Posted speed limit  :    40 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):  12121
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  28.00
    Medium Truck % of Total Volume     :   3.00
    Heavy Truck  % of Total Volume     :   2.00
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: Main St (day/night)
-----------------------------------------
Angle1   Angle2           : -90.00 deg   40.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  :  20.00 / 20.00  m
Receiver height           :   1.50 / 1.50   m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            : -90.00 deg   Angle2 : 40.00 deg
Barrier height            :   0.00 m
Barrier receiver distance :   4.00 / 4.00   m
Source elevation          : 266.40 m
Receiver elevation        : 266.50 m
Barrier elevation         : 266.40 m
Reference angle           :   0.00

Results segment # 1: Main St (day)
----------------------------------

Source height = 1.19 m

Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
```

```
       1.19 !        1.50 !        1.52 !       267.92

ROAD (0.00 + 60.54 + 0.00) = 60.54 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     40   0.66  65.07   0.00  -2.07  -2.46   0.00   0.00  -0.17
60.38*
   -90     40   0.66  65.07   0.00  -2.07  -2.46   0.00   0.00   0.00  60.54
-------------------------------------------------------------------------------

 * Bright Zone !

Segment Leq : 60.54 dBA

Total Leq All Segments: 60.54 dBA

Results segment # 1: Main St (night)
-----------------------------------

Source height = 1.19 m

Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.52 !       267.92

ROAD (0.00 + 53.99 + 0.00) = 53.99 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     40   0.66  58.52   0.00  -2.07  -2.46   0.00   0.00  -0.17
53.83*
   -90     40   0.66  58.52   0.00  -2.07  -2.46   0.00   0.00   0.00  53.99
-------------------------------------------------------------------------------

 * Bright Zone !

Segment Leq : 53.99 dBA

Total Leq All Segments: 53.99 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 60.54
                           (NIGHT): 53.99
```

STAMSON 5.04 NORMAL REPORT Date: 30-09-2026 11:00:27
MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS / NOISE ASSESSMENT

Filename: b_ola1.te Time Period: Day/Night 16/8 hours
Description: Block B Southerly Unit OLA - Mitigated

Road data, segment # 1: Main St (day/night)

Car traffic volume	: 18043/2005	veh/TimePeriod *
Medium truck volume	: 570/63	veh/TimePeriod *
Heavy truck volume	: 380/42	veh/TimePeriod *
Posted speed limit	: 40	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)	12121
Percentage of Annual Growth	2.00
Number of Years of Growth	28.00
Medium Truck % of Total Volume	3.00
Heavy Truck % of Total Volume	2.00
Day (16 hrs) % of Total Volume	90.00

Data for Segment # 1: Main St (day/night)

Angle1 Angle2	: -90.00 deg	40.00 deg
Wood depth	: 0	(No woods.)
No of house rows	: 0 / 0	
Surface	: 1	(Absorptive ground surface)
Receiver source distance	: 20.00 / 20.00	m
Receiver height	: 1.50 / 1.50	m
Topography	: 2	(Flat/gentle slope; with barrier)
Barrier angle1	: -90.00 deg	Angle2 : 40.00 deg
Barrier height	: 2.00	m
Barrier receiver distance	: 4.00 / 4.00	m
Source elevation	: 266.40	m
Receiver elevation	: 266.50	m
Barrier elevation	: 266.40	m
Reference angle	: 0.00	

Results segment # 1: Main St (day)

Source height = 1.19 m

Trinity Consultants VALCOUSTICS CANADA

```
Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.52 !       267.92

ROAD (0.00 + 54.61 + 0.00) = 54.61 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     40   0.55  65.07   0.00  -1.94  -2.32   0.00   0.00  -6.21  54.61
-------------------------------------------------------------------------------

Segment Leq : 54.61 dBA

Total Leq All Segments: 54.61 dBA
 Results segment # 1: Main St (night)
------------------------------------

Source height = 1.19 m

Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.52 !       267.92

ROAD (0.00 + 48.06 + 0.00) = 48.06 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     40   0.55  58.52   0.00  -1.94  -2.32   0.00   0.00  -6.21  48.06
-------------------------------------------------------------------------------

Segment Leq : 48.06 dBA

Total Leq All Segments: 48.06 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 54.61
                           (NIGHT): 48.06
```

```
STAMSON 5.04        NORMAL REPORT        Date: 30-06-2026 07:45:24
MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS / NOISE ASSESSMENT

Filename: b_ola2u.te           Time Period: Day/Night 16/8 hours
Description: Block B - 2nd Southerly Unit OLA - Unmitigated


Road data, segment # 1: Main St (day/night)
-------------------------------------------
Car traffic volume  : 18043/2005  veh/TimePeriod  *
Medium truck volume :   570/63    veh/TimePeriod  *
Heavy truck volume  :   380/42    veh/TimePeriod  *
Posted speed limit  :    40 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):  12121
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  28.00
    Medium Truck % of Total Volume     :   3.00
    Heavy Truck  % of Total Volume     :   2.00
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: Main St (day/night)
-----------------------------------------
Angle1   Angle2           : -45.00 deg   15.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  :  27.00 / 27.00  m
Receiver height           :   1.50 / 1.50   m
Topography                :      2       (Flat/gentle slope; with barrier)
Barrier angle1            : -40.00 deg   Angle2 : 15.00 deg
Barrier height            :   0.00 m
Barrier receiver distance :  11.00 / 11.00  m
Source elevation          : 266.40 m
Receiver elevation        : 266.69 m
Barrier elevation         : 266.40 m
Reference angle           :   0.00

Results segment # 1: Main St (day)
----------------------------------

Source height = 1.19 m
```

Trinity Consultants VALCOUSTICS CANADA

```
Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.55 !       267.95

ROAD (44.40 + 55.50 + 0.00) = 55.83 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -45    -40   0.66  65.07   0.00  -4.24 -16.44   0.00   0.00   0.00  44.40
-------------------------------------------------------------------------------
   -40     15   0.66  65.07   0.00  -4.24  -5.33   0.00   0.00   0.00  55.50*
   -40     15   0.66  65.07   0.00  -4.24  -5.33   0.00   0.00   0.00  55.50
-------------------------------------------------------------------------------

 * Bright Zone !

Segment Leq : 55.83 dBA

Total Leq All Segments: 55.83 dBA

Results segment # 1: Main St (night)
------------------------------------

Source height = 1.19 m

Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.54 !       267.94

ROAD (37.85 + 48.96 + 0.00) = 49.28 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -45    -40   0.66  58.52   0.00  -4.24 -16.44   0.00   0.00   0.00  37.85
-------------------------------------------------------------------------------
   -40     15   0.66  58.52   0.00  -4.24  -5.33   0.00   0.00   0.00  48.96*
   -40     15   0.66  58.52   0.00  -4.24  -5.33   0.00   0.00   0.00  48.96
-------------------------------------------------------------------------------

 * Bright Zone !

Segment Leq : 49.28 dBA

Total Leq All Segments: 49.28 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.83
                           (NIGHT): 49.28
```

STAMSON 5.04 NORMAL REPORT Date: 30-06-2026 07:45:38
MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS / NOISE ASSESSMENT

Filename: b_ola2.te Time Period: Day/Night 16/8 hours
Description: Block B - 2nd Southerly Unit OLA - Mitigated

Road data, segment # 1: Main St (day/night)

Car traffic volume	: 18043/2005	veh/TimePeriod *
Medium truck volume	: 570/63	veh/TimePeriod *
Heavy truck volume	: 380/42	veh/TimePeriod *
Posted speed limit	: 40	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)	12121
Percentage of Annual Growth	2.00
Number of Years of Growth	28.00
Medium Truck % of Total Volume	3.00
Heavy Truck % of Total Volume	2.00
Day (16 hrs) % of Total Volume	90.00

Data for Segment # 1: Main St (day/night)

Angle1 Angle2	: -45.00 deg	15.00 deg
Wood depth	: 0	(No woods.)
No of house rows	: 0 / 0	
Surface	: 1	(Absorptive ground surface)
Receiver source distance	: 27.00 / 27.00	m
Receiver height	: 1.50 / 1.50	m
Topography	: 2	(Flat/gentle slope; with barrier)
Barrier angle1	: -40.00 deg	Angle2 : 15.00 deg
Barrier height	: 2.00	m
Barrier receiver distance	: 11.00 / 11.00	m
Source elevation	: 266.40	m
Receiver elevation	: 266.69	m
Barrier elevation	: 266.40	m
Reference angle	: 0.00	

Results segment # 1: Main St (day)

Source height = 1.19 m

Trinity Consultants VALCOUSTICS CANADA

```
Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.55 !       267.95

ROAD (44.40 + 50.07 + 0.00) = 51.11 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -45    -40   0.66  65.07   0.00  -4.24 -16.44   0.00   0.00   0.00  44.40
-------------------------------------------------------------------------------
   -40     15   0.55  65.07   0.00  -3.95  -5.30   0.00   0.00  -5.74  50.07
-------------------------------------------------------------------------------

Segment Leq : 51.11 dBA

Total Leq All Segments: 51.11 dBA

Results segment # 1: Main St (night)
------------------------------------

Source height = 1.19 m

Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       1.19 !        1.50 !        1.54 !       267.94

ROAD (37.85 + 43.52 + 0.00) = 44.56 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -45    -40   0.66  58.52   0.00  -4.24 -16.44   0.00   0.00   0.00  37.85
-------------------------------------------------------------------------------
   -40     15   0.55  58.52   0.00  -3.96  -5.30   0.00   0.00  -5.74  43.52
-------------------------------------------------------------------------------

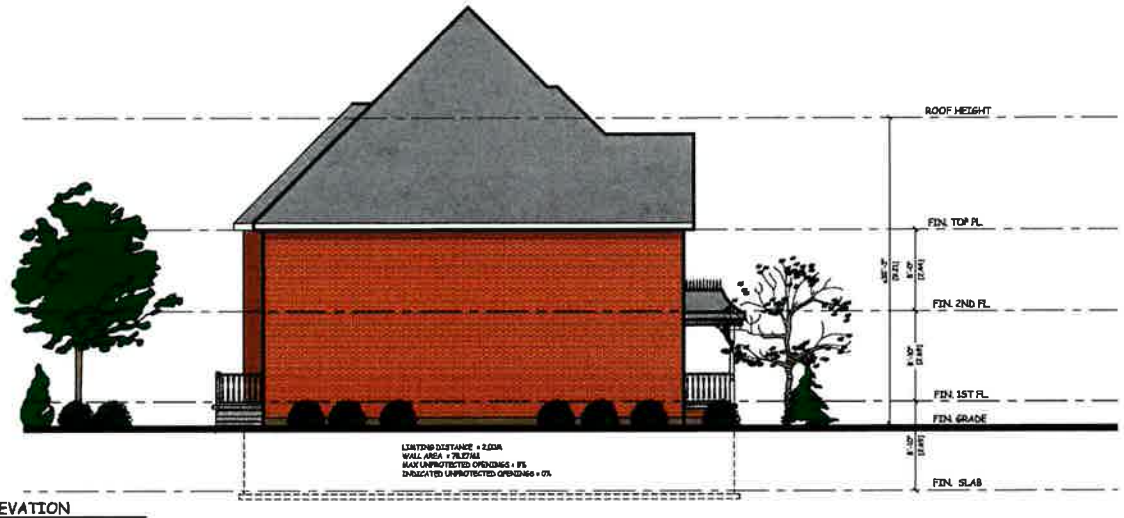
Segment Leq : 44.56 dBA

Total Leq All Segments: 44.56 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 51.11
                           (NIGHT): 44.56
```

APPENDIX E

FLOOR PLANS AND ELEVATIONS



1 PD6 NORTH ELEVATION
SCALE: 3/16" = 1'-0"



2 PD6 WEST ELEVATION
SCALE: 3/16" = 1'-0"

Arrowsmith AND ASSOCIATES
ARCHITECTURE & DEVELOPMENT
642-1719
STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

6480 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES.
THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

QUALIFICATION INFORMATION
Required unless design is exempt under 3.2.5.1 of the building code

BRUCE ARROWSMITH — SIGNATURE — 27429

REGISTRATION INFORMATION
Required unless design is exempt under 3.2.4.1 of the building code

ARROWSMITH & ASSOCIATES — 27429
FIRM NAME — BCIN

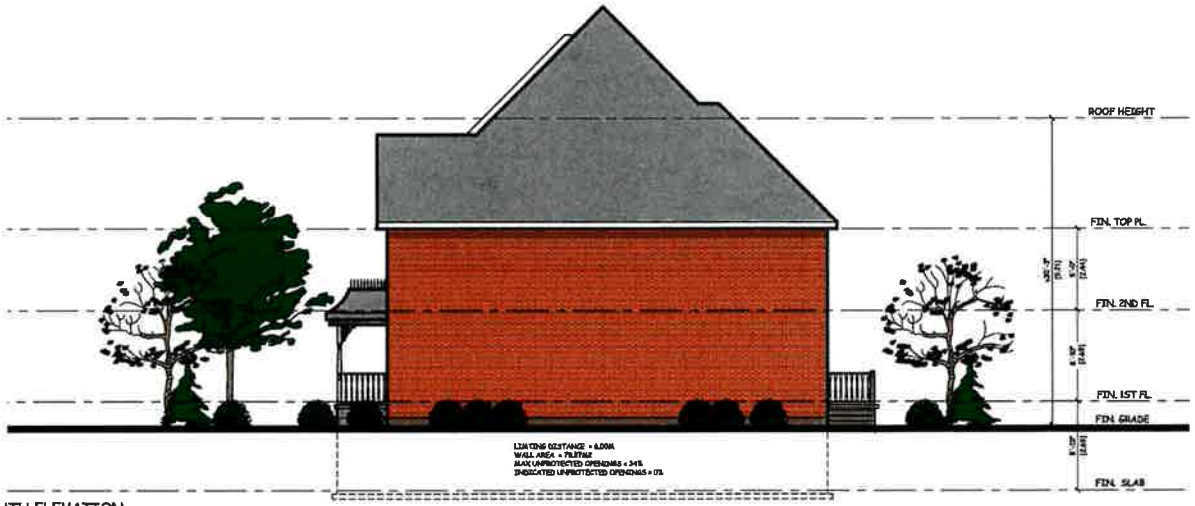
NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

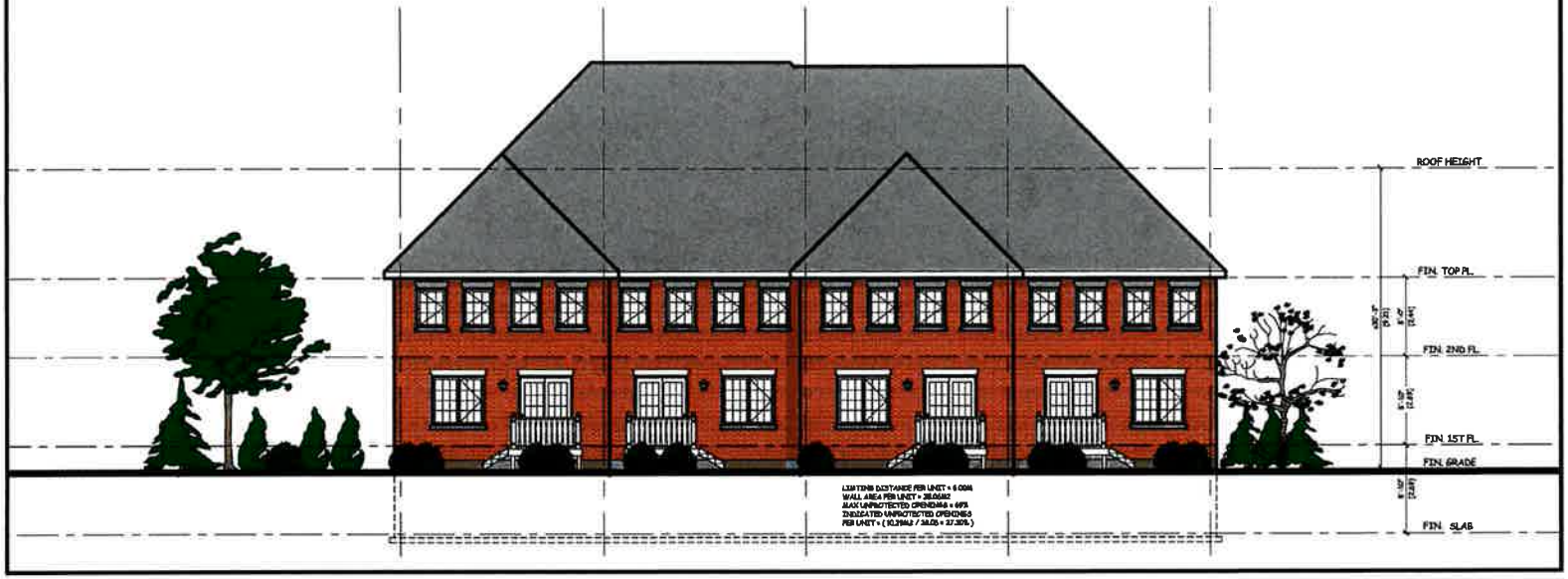
BCIN 27429

BLOCK A ELEVATIONS

DRAWN BY	BA	DATE	DEC. 2017
CHECKED BY		DWG. NO.	
SCALE	3/16"=1'-0"		PD6
FILE NO.			



1 PD7 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



2 PD7 EAST ELEVATION
SCALE: 3/16" = 1'-0"

Arrowsmith AND ASSOCIATES
ARCHITECTURE & DEVELOPMENT
642-1719
STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

6480 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS. ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements as set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.2.5.1 of the building code

BRUCE ARROWSMITH — 27429

NAME — SIGNATURE — BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 3.2.4.1 of the building code

ARROWSMITH & ASSOCIATES — 27429

FIRM NAME — BCIN

NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

BRUCE ARROWSMITH PROFESSIONAL ENGINEER & ASSOCIATES 27429 BCIN

BLOCK A ELEVATIONS

DRAWN BY	BA	DATE	OCT. 2017
CHECKED BY		DWG. NO.	PD7
SCALE	3/16"=1'-0"		
FILE NO.			



1 PD8 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



2 PD8 WEST ELEVATION
SCALE: 3/16" = 1'-0"

Arrowsmith AND ASSOCIATES
ARCHITECTURE & DEVELOPMENT
642-1719
STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.
TOWNHOUSE DEVELOPMENT
[illegible] MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS. ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.
QUALIFICATION INFORMATION
Required unless design is exempt under 3.2.5.1 of the building code
BRUCE ARROWSMITH — Name — Signature — BCIN
REGISTRATION INFORMATION
Required unless design is exempt under 3.2.4.1 of the building code
ARROWSMITH & ASSOCIATES — FIRM NAME — BCIN

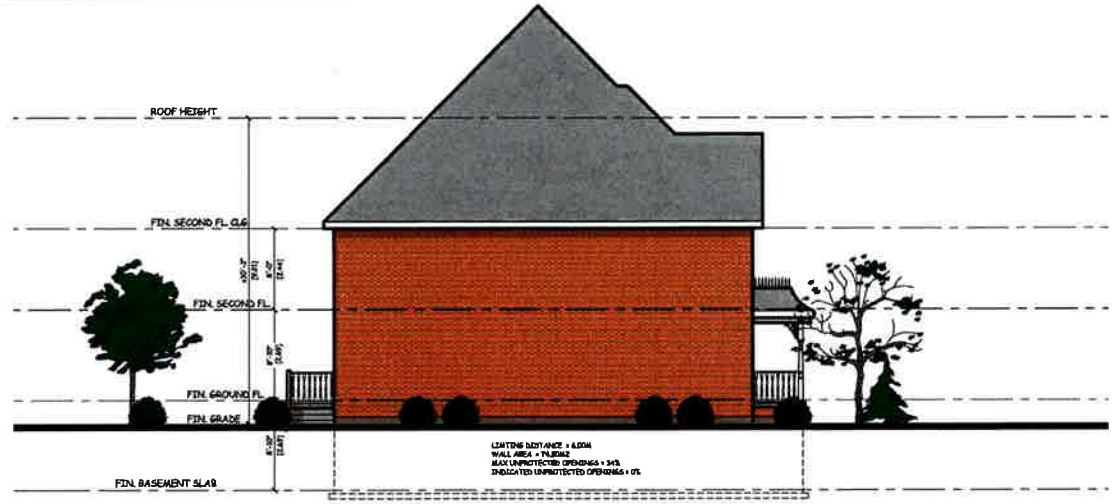
NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

PROFESSIONAL ENGINEERS ONTARIO
CERTIFICATE OF AUTHORIZATION
27429

BLOCK B
ELEVATIONS

DRAWN BY	BA	DATE OCT. 2017
CHECKED BY		DWG. NO.
SCALE	3/16"=1'-0"	PD8
PLOT NO.		



1 PD9 NORTH ELEVATION
SCALE: 3/16" = 1'-0"



2 PD9 EAST ELEVATION
SCALE: 3/16" = 1'-0"

Arrowsmith AND ASSOCIATES
ARCHITECTURE & DEVELOPMENT
642 1719
STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

8480 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS. ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY S. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has confirmed and signed responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.2.4.1.(1) of the Building Code

SHAUN ARROWSMITH — 27429

Name — Signature — BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 3.2.4.1.(1) of the Building Code

ARROWSMITH & ASSOCIATES — 27429

Firm Name — BCIN

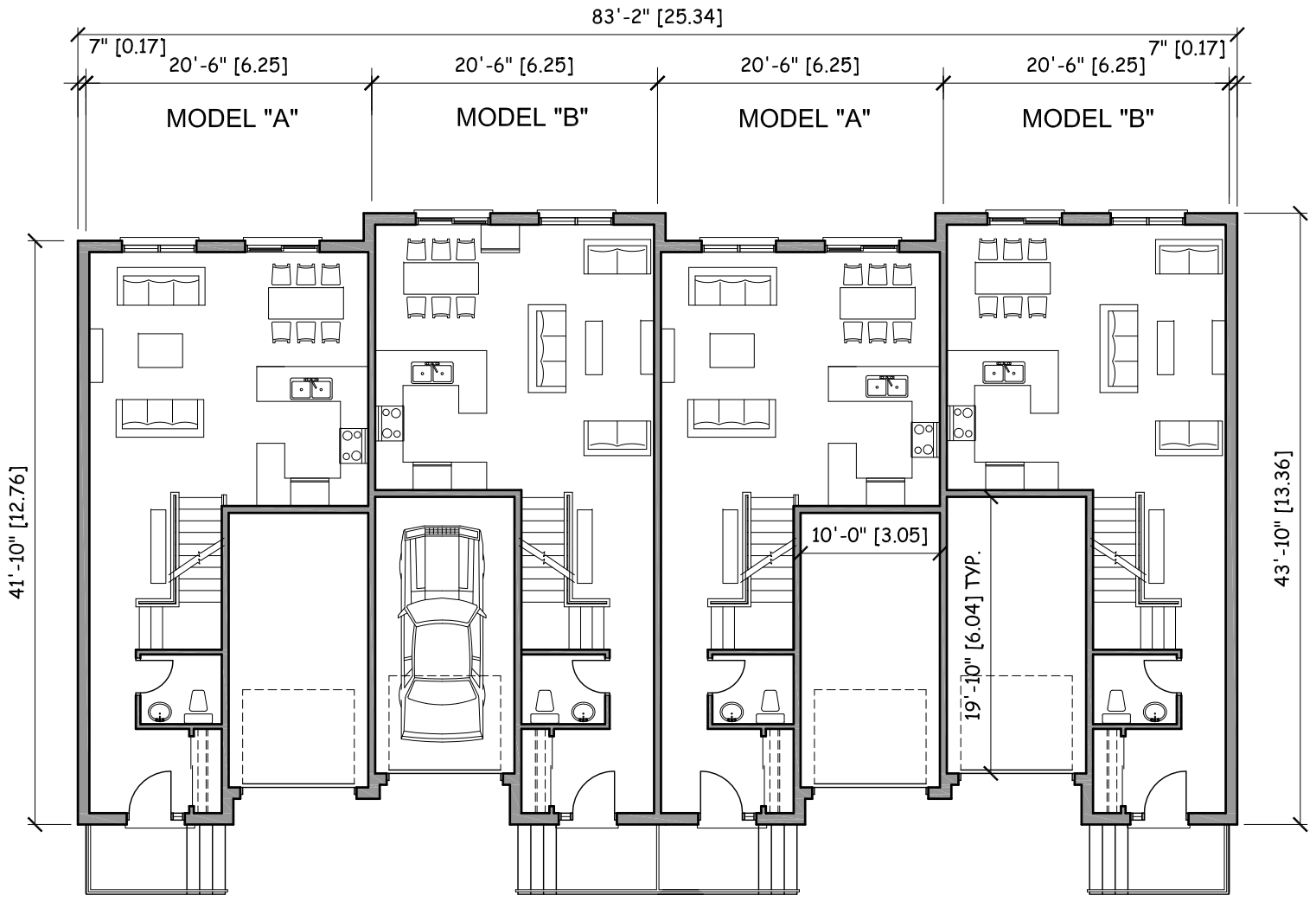
NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

PROFESSIONAL DESIGNER & DEVELOPER
SHAUN ARROWSMITH
27429
BCIN

BLOCK B ELEVATIONS

DRAWN BY	SA	DATE	DEC. 2017
CHECKED BY		DWG. NO.	PD9
SCALE	3/16"=1'-0"		
FILE NO.			



Arrowsmith AND ASSOCIATES

ARCHITECTURE & DEVELOPMENT

642 (905) 1719

STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

6460 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.17.5.1 the building code

BRUCE ARROWSMITH	B.	21042
Name	Signature	BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 2.17.4.1 of the building code

ARROWSMITH & ASSOCIATES	27429
FIRM NAME	BCIN

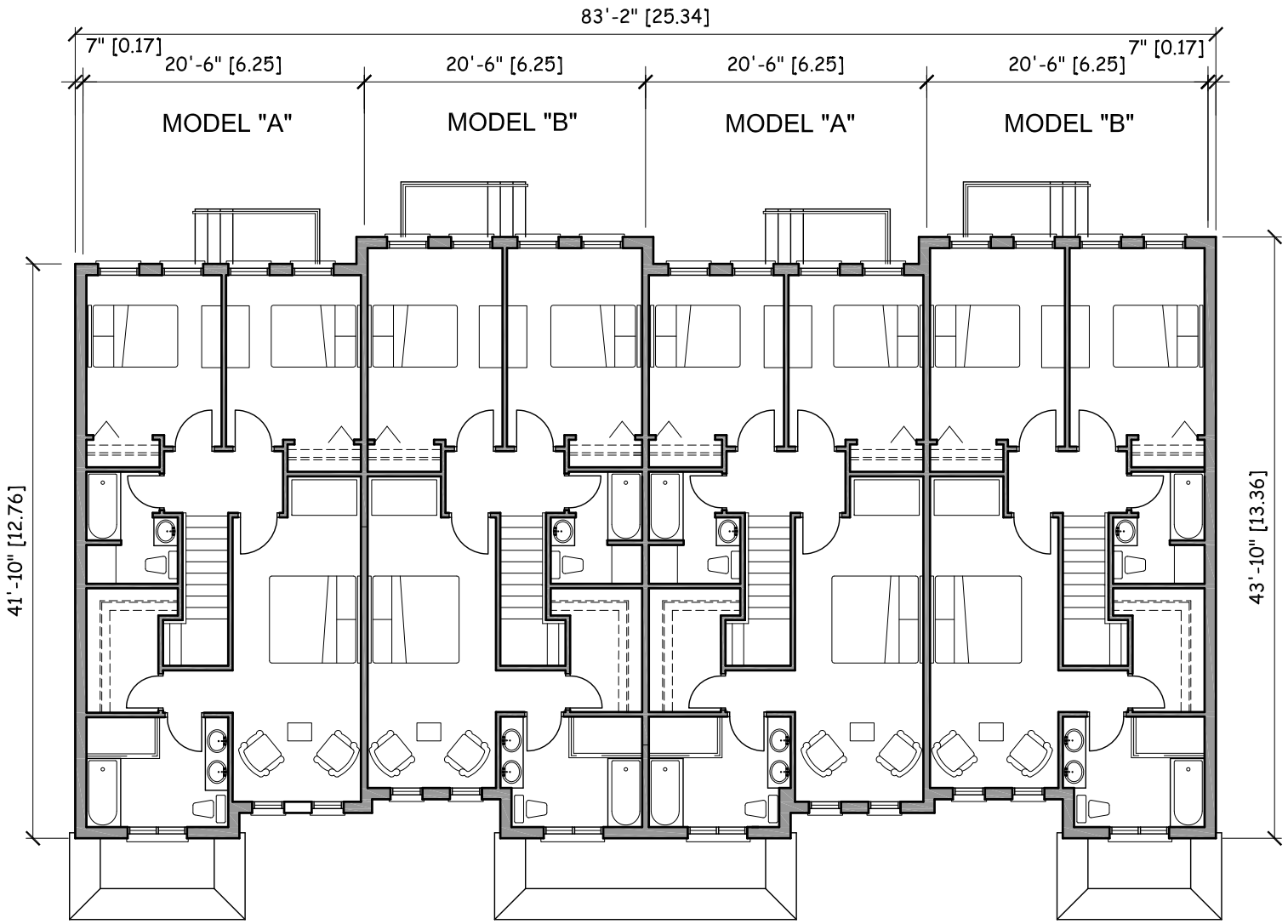
NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

PROVINCIAL CERTIFICATION & QUALIFICATION
ARROWSMITH & ASSOCIATES
27429
BCIN

BLOCK B GROUND FLOOR

DRAWN BY	BA	DATE	OCT. 2017
CHECKED BY		DWG. NO.	PD2
SCALE	3/16" = 1'-0"		
FILE NO.			



Arrowsmith AND ASSOCIATES

ARCHITECTURE & DEVELOPMENT

642 (905) 1719

STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

6460 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.17.5.1 the building code

BRUCE ARROWSMITH	B.	21042
Name	Signature	BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 2.17.4.1 of the building code

ARROWSMITH & ASSOCIATES	27429
FIRM NAME	BCIN

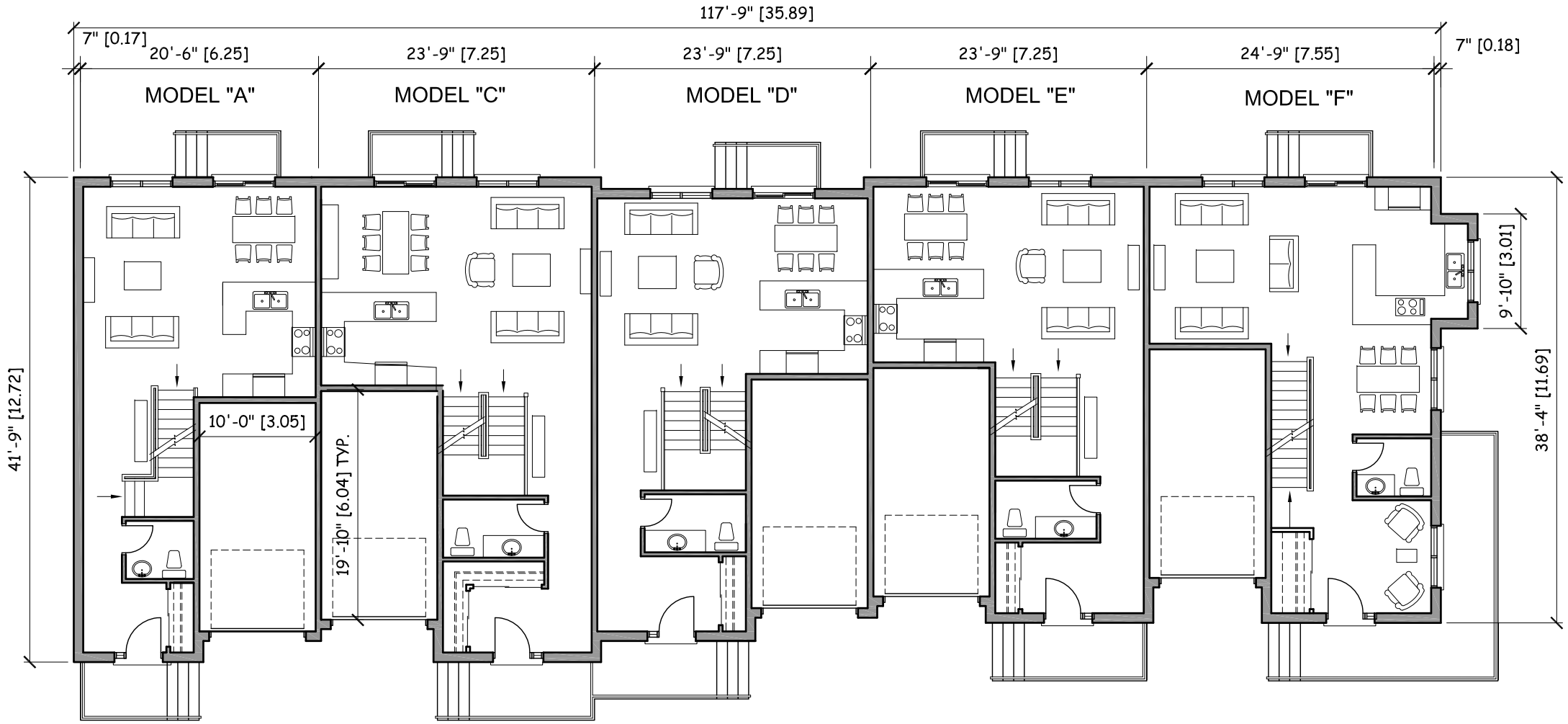
NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

PROVINCIAL CERTIFICATION & QUALIFICATION
ARROWSMITH & ASSOCIATES
27429
BCIN

BLOCK B SECOND FLOOR

DRAWN BY	BA	DATE	OCT. 2017
CHECKED BY		DWG. NO.	PD3
SCALE	3/16" = 1'-0"		
FILE NO.			



Arrowsmith AND ASSOCIATES

ARCHITECTURE & DEVELOPMENT

642 (905) 1719

STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

6460 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.17.5.1 the building code

BRUCE ARROWSMITH — B. — 21042
Name — Signature — BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 2.17.4.1 of the building code

ARROWSMITH & ASSOCIATES — 27429
FIRM NAME — BCIN

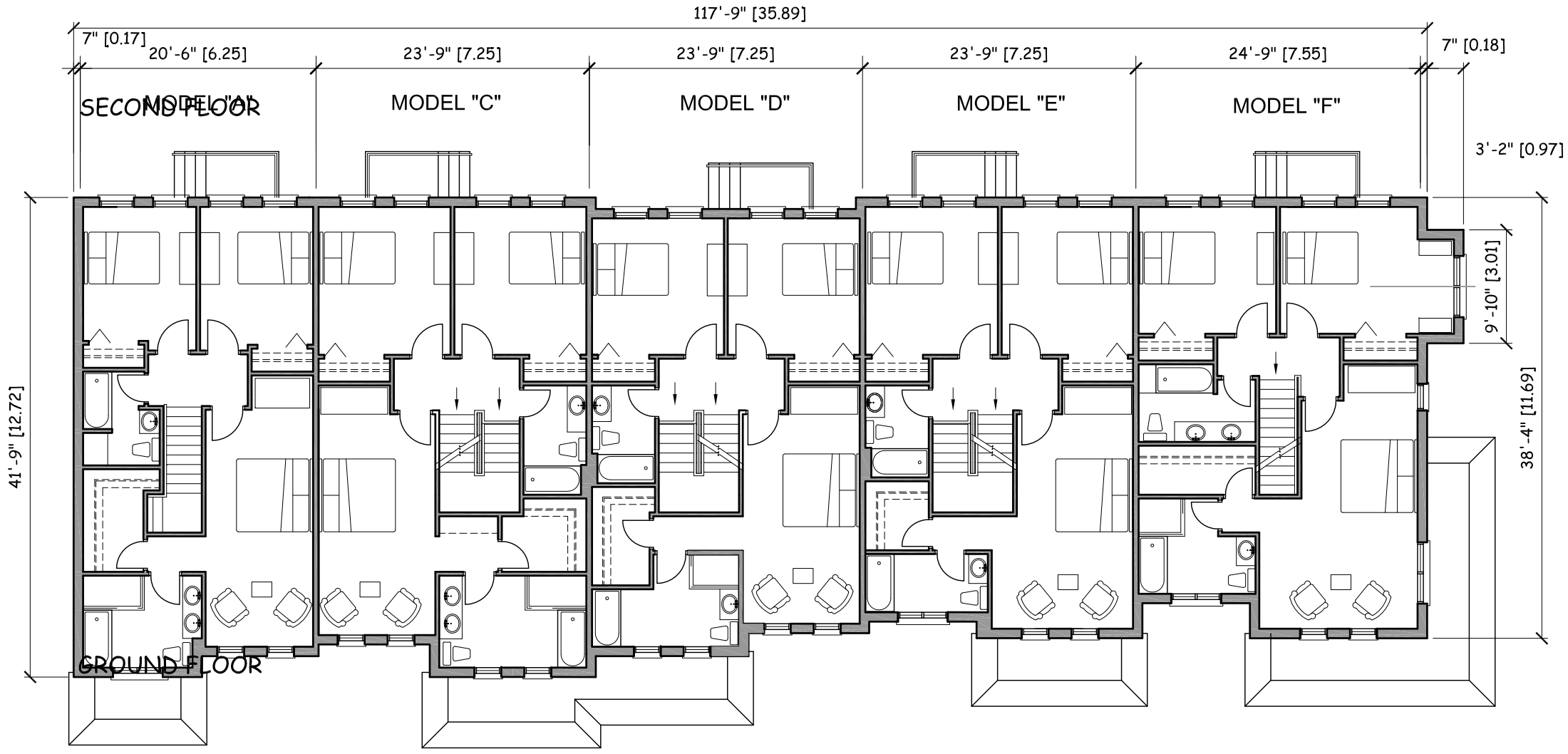
NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

PROVINCIAL CERTIFICATION & QUALIFICATION
ARROWSMITH & ASSOCIATES
27429
BCIN

BLOCK B GROUND FLOOR

DRAWN BY	BA	DATE	OCT. 2017
CHECKED BY		DWG. NO.	
SCALE	3/16" = 1'-0"		PD4
FILE NO.			



Arrowsmith AND ASSOCIATES

ARCHITECTURE & DEVELOPMENT

642 (905) 1719

STOUFFVILLE ONTARIO

2426009 ONTARIO LTD.

TOWNHOUSE DEVELOPMENT

6460 MAIN STREET STOUFFVILLE ONTARIO

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO ARROWSMITH & ASSOCIATES PRIOR TO PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS ALL CONSTRUCTION SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE. THESE DRAWINGS ARE THE PROPERTY OF ARROWSMITH & ASSOCIATES AND SHALL NOT BE USED, COPIED, OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF ARROWSMITH & ASSOCIATES. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION UNLESS COUNTER SIGNED BY B. ARROWSMITH FOR ARROWSMITH & ASSOCIATES

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.17.5.1 the building code

BRUCE ARROWSMITH	B.	21042
Name	Signature	BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 2.17.4.1 of the building code

ARROWSMITH & ASSOCIATES		27429
FIRM NAME		BCIN

NO.	ISSUED FOR	DATE

NO.	REVISIONS	DATE

PROVINCIAL CERTIFICATION & QUALIFICATION
ARROWSMITH & ASSOCIATES
27429
BCIN

BLOCK B SECOND FLOOR

DRAWN BY	BA	DATE	OCT. 2017
CHECKED BY		DWG. NO.	PD5
SCALE	3/16" = 1'-0"		
FILE NO.			

APPENDIX F

GRADING PLAN

GENERAL NOTES

1. THE NOTES ON THIS SHEET APPLY TO ALL WORKS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ON THE PLAN AND PROFILE DRAWINGS AND/OR SPECIFIC DETAIL DRAWINGS.
2. ALL MATERIALS ARE TO COMPLY WITH THE MANUFACTURER'S SPECIFICATIONS PER APPROVED PRODUCTS AS LISTED IN SCHEDULE 'B' OF THE TOWN'S GUIDELINES.
3. THE STANDARD DRAWINGS OF THE TOWN OF WHITCHURCH–STOUFFVILLE, ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS (OPSS) AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) CONSTITUTE PART OF THE PLANS OF THIS CONTRACT. ORDER OF PRECEDENCE OF STANDARD DRAWINGS IS FIRSTLY TOWN OF WHITCHURCH–STOUFFVILLE STANDARD DRAWINGS, AND SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL RELEVANT STANDARD DRAWINGS AND SPECIFICATIONS AS REQUIRED FOR THIS CONTRACT.
5. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ON THE ENGINEERING DRAWINGS ARE IN METRES OR MILLIMETERS.
6. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
7. EXISTING SERVICES AND UTILITIES SHOWN ON THESE CONTRACT DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE AND THEIR LOCATIONS ARE NOT GUARANTEED. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE WISHES WITH THE UNDERSTANDING THAT THE OWNER DISCLAIMS ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY.
8. ALL PRIMARY HYDRO, TELECOMMUNICATION CABLE, GAS LINES AND CABLE T.V. SHALL BE PLACED UNDERGROUND IN LOCATIONS SHOWN ON THE ROAD SECTIONS LISTED IN THE STANDARD DRAWINGS.
9. ALL SILT CONTROL AND EROSION PROTECTION DEVICES ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND THE GROUND COVER HAS ESTABLISHED GROWTH, SUBJECT TO APPROVAL BY THE TOWN.
10. NATIVE MATERIAL, SUITABLE FOR BACKFILL, SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
11. GRANULAR MATERIAL USED FOR BACKFILL, SHALL BE PLACED IN LAYERS 150mm IN DEPTH MAXIMUM AND COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
12. ALL DISTURBED AREAS ARE TO BE REINSTATED TO THEIR ORIGINAL CONDITION OR BETTER, AS DETERMINED BY THE ENGINEER. ALL GRASS AND VEGETATION COVERED AREAS SHALL BE RESTORED BY PLACING 300mm OF APPROVED TOPSOIL AND NURSERY SOD.
13. ALL FENCING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN STANDARD DRAWINGS.
14. THE STREET LIGHTING SYSTEM SHALL BE DESIGNED BY A QUALIFIED CONSULTING ENGINEER IN ACCORDANCE WITH THE ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) LATEST EDITION STANDARDS AND APPROVED BY THE TOWN. STREET LIGHTING SYSTEMS FOR ROADWAYS IN THE TOWN OF WHITCHURCH–STOUFFVILLE SHALL MEET THE REQUIREMENTS OF HYDRO ONE.

PAVEMENT & MUNICIPAL ACCESS

1. THE ROAD PAVEMENT MINIMUM STRUCTURE SHALL CONSIST OF THE FOLLOWING AND WILL BE CONFIRMED BY A SOILS CONSULTANT AND APPROVED BY THE TOWN:
   - 40mm OF HL3 SURFACE COURSE ASPHALT
   - 50mm OF HL8 BINDER COURSE ASPHALT
   - 150mm OF 19mm CRUSHER RUN LIMESTONE or EQUIVALENT
   - 350mm OF 50mm CRUSHER RUN LIMESTONE or EQUIVALENT *

   * RECYCLED CONCRETE MAY BE SUBSTITUTED UPON WRITTEN APPROVAL OF TOWN

   BOULEVARDS: – 450mm TOPSOIL & SOD
   DITCHES: – 300mm TOPSOIL & SOD
2. NATIVE SUBGRADE TO BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR MAXIMUM DRY DENSITY AND SHALL BE PROOF ROLLED. NATIVE SUBGRADE SHALL HAVE A CROSS–FALL OF 3% AND THE MATERIAL SHALL BE APPROVED BY A SOILS CONSULTANT AND IS SUBJECT TO APPROVAL BY THE TOWN ENGINEER.
3. CONCRETE BARRIER CURBS CONFORMING TO OPSD 600.11 SHALL BE USED. CONCRETE STRENGTH IS TO BE A MINIMUM OF 30MPa AT 28 DAYS WITH 7% ± 1.5% AIR ENTRAINMENT.
4. DRIVEWAY DEPRESSIONS SHALL BE FORMED IN THE CURB AS PER OPSD 351.010.
5. SIDEWALK CONSTRUCTION SHALL COMPLY WITH OPSD M310.010 (MODIFIED) AND SHALL BE CONSTRUCTED ON 100mm OF GRANULAR 'A' ON POLYETHYLENE BARRIER AND A COMPACTED FOUNDATION. CONCRETE STRENGTH IS TO BE A MINIMUM OF 30MPa AT 28 DAYS WITH 7% ± 1.5% AIR ENTRAINMENT. SIDEWALK AT DRIVEWAYS TO BE 150mm THICK.
6. RESIDENTIAL DRIVEWAYS TO BE CONSTRUCTED WITH A MINIMUM OF 150mm GRANULAR 'A', AND BE PAVED WITH A MINIMUM OF 50mm OF HL8 BASE AND 25mm HL3A TOP ASPHALT FROM STREET TO GARAGE/DWELLING, OR AS APPROVED BY THE TOWN
7. ALL ACCESS DRIVEWAYS SHALL BE LOCATED A MINIMUM OF 1.0M FROM LIGHT POLES, HYDRO TRANSFORMERS, CATCHBASINS, HYDRANTS, WATERMAIN VALVES, BELL MANHOLES, BELL AND CABLE TV JUNCTION BOXES, WATER SERVICE VALVE BOXES, SIDE LOT LINES AND OTHER DRIVEWAYS. WHERE FRONTAGE LIMITATIONS INTERFERE WITH STANDARD LOCATIONS, SITE SPECIFIC SOLUTIONS SHALL BE DETAILED IN THE PLAN AND PROFILE AND LOT GRADING PLANS.
8. MINIMUM SLOPES ON DRIVEWAYS SHALL BE 1.0% AND MAXIMUM SLOPES SHALL BE 6.0%
9. ROAD OCCUPANCY PERMIT IS REQUIRED FROM THE TOWN WORKS DEPARTMENT PRIOR TO THE COMMENCEMENT OF ANY WORK ON ANY ROAD THAT IS EXTERNAL TO THE PLAN. A MINIMUM 48 HOUR NOTICE IS REQUIRED.

STORM SEWERS

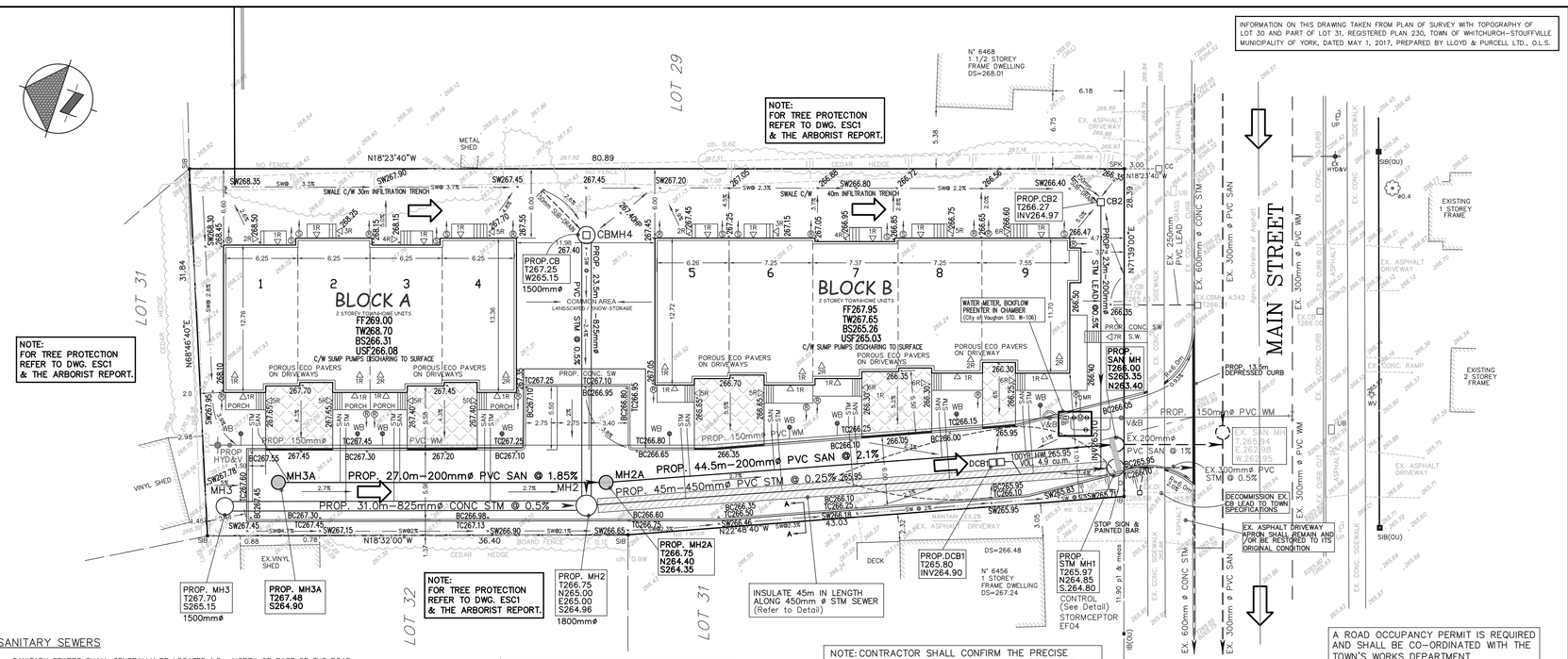
1. STORM SEWER TO BE LOCATED TYPICALLY 1.5m TO THE WEST OR SOUTH OF CENTRELINE OF THE ROAD.
2. PIPE SHALL CONFORM TO THE REQUIREMENTS SHOWN BELOW:
   a) NON–REINFORCED CONCRETE PIPE, CSA STANDARD A257.1 CLASS 1,2,3.
   b) REINFORCED CONCRETE PIPE, CSA STANDARD A257,2 STRENGTH CLASS 50–D, 65–D, 100–D AND 140–D.
   c) PVC PIPE, CSA STANDARD B182.1 AND B182.4 (SDR35).
3. ALL STORM SEWERS OVER 450mm DIAMETER SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE PIPE.
4. SEWERS SHALL BE CONSTRUCTED WITH BEDDING AS PER OPSD 802.010, AND 802.030, UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL CONSULTANT AND APPROVED BY THE TOWN.
5. TRENCH BACKFILL SHOULD BE PLACED IN 200mm LIFTS AND COMPACTED TO 95% SPMDD.
6. ALL STORM SEWER MANHOLES TO BE ACCORDING TO TOWN STANDARDS AND BE BENCHED TO OBVERT IN ACCORDANCE WITH OPSD 701.021.
7. DROP STRUCTURES SHALL CONFORM WITH OPSD 1003.010 AND 1003.020.
8. MANHOLE TOPS ARE TO BE SET TO BASE COURSE ASPHALT GRADE AND THEN ADJUSTED TO FINAL GRADE. FRAME AND COVER TO BE PER OPSD M401.010, TYPE 'B', GRADE AND CROSSFALL ADJUSTMENT SHALL BE MADE USING PRODUCTS SPECIFICALLY MANUFACTURED FOR THAT PURPOSE. MODULAR ADJUSTMENT RINGS ARE TO BE USED TO ADJUST THE MANHOLE TO FINAL GRADE.
9. CATCHBASINS MUST BE OF THE PRECAST TYPE AS SHOWN ON THE OPSD DRAWINGS 705.010 OR 705.020. DOUBLE CATCHBASINS ARE REQUIRED IN VALLEYS.
10. SINGLE CATCHBASIN LEADS SHALL BE PVC SDR35 PIPE WITH MINIMUM SLOPE OF 1% AND MINIMUM SIZES AS FOLLOWS:
    – SINGLE CATCHBASIN 250mm DIAMETER
    – DOUBLE CATCHBASIN 300mm DIAMETER
    – REAR LOT CATCHBASIN 250mm DIAMETER
11. THE FRAME AND GRATE FOR CATCHBASINS SHALL BE OPSD 400.010. CATCHBASIN GRATES ARE TO BE RAMPED USING HOT–MIX ASPHALT. CATCHBASINS AT LOW POINTS SHALL BE SET TO BASE ASPHALT AND ADJUSTED TO SURFACE COURSE.
12. REAR LOT CATCHBASIN LEADS TO BE CONCRETE ENCASED FROM THE STREET LINE TO THE CATCHBASIN, PER STANDARD DETAIL WS–401. FRAME AND GRATE TO BE OPSD 400.010.
13. WHERE CATCHBASINS ARE CONNECTED DIRECTLY TO SEWERS, PRE–MANUFACTURED TEES SHALL BE USED.
14. PARTIAL BULK HEADS ARE REQUIRED AT MANHOLE CONNECTIONS TO EXISTING SEWERS.
15. MANHOLE STEPS ARE TO BE SOLID, RECTANGULAR ALUMINUM PER OPSD 405.020.
16. ROOF LEADERS SHALL DISCHARGE TO CONCRETE SPLASH PADS, UNLESS NOTED OTHERWISE.

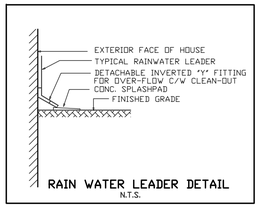
WATERMAINS

1. WATERMAIN SHALL BE LOCATED AS SHOWN ON THE STANDARD TOWN ROADWAY CROSS SECTIONS. THIS LOCATION SHALL NORMALLY BE ON THE NORTH AND EAST SIDE OF THE STREET. WATERMAIN SHALL BE OFFSET FROM STREET LINE AS PER STANDARD ROAD CROSS SECTION.
2. ALL WATERMAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH OPSS 441. PIPE MATERIAL SHALL BE CLASS 150 PVC (DR18) IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS, LATEST REVISION.
3. WATERMAIN BEDDING SHALL BE AS PER OPSD 802.010.
4. A MINIMUM CLEARANCE BETWEEN THE WATERMAIN AND ALL UTILITIES MUST BE KEPT, WHILE STILL MAINTAINING A MINIMUM DEPTH OF COVER AT ALL TIMES.
5. WATERMAIN SHALL BE INSTALLED WITH A MINIMUM COVER OF 1.8m.
6. CAST IRON MECHANICAL JOINT FITTINGS MEETING AWWA SPECIFICATIONS C–907 AND C.S.A. B138.2 SHALL BE USED ON PVC WATERMAIN 150 TO 300mm IN DIAMETER.
7. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES WITH VALVE BOX UNLESS OTHERWISE APPROVED BY THE TOWN. VALVES SHALL HAVE A NON–RISING STEM AND A 50mm SQUARE OPERATING NUT, OPENING COUNTER–CLOCKWISE.
8. VALVES IN EXCESS OF 1.8m IN DEPTH SHALL REQUIRE A VALVE STEM EXTENSION.
9. A MINIMUM HORIZONTAL SEPARATION OF 2.5m SHALL BE MAINTAINED BETWEEN THE WATERMAIN AND ANY SEWER.
10. PIPE DEFLECTION SHOULD BE USED WHEREVER POSSIBLE TO MINIMIZE THE USE OF BENDS. WHEREVER IT IS NECESSARY TO DEFLECT FROM A STRAIGHT LINE, EITHER IN THE VERTICAL OR HORIZONTAL PLANE, THE AMOUNT OF DEFLECTION SHALL NOT EXCEED THE RECOMMENDATIONS OF THE MANUFACTURER.
11. THE TOWN ENGINEER MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY PRESSURE AND LEAKAGE TESTING, CHLORINATION OR FLUSHING WHICH MUST BE CARRIED OUT IN ACCORDANCE WITH TOWN SPECIFICATIONS AND OPSS 441.

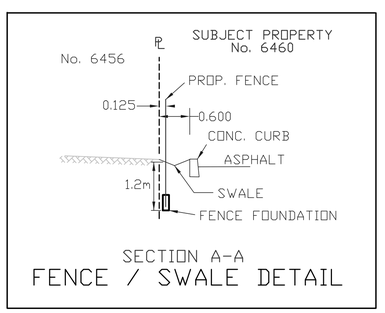
WATER SERVICES

1. EACH RESIDENTIAL UNIT SHALL HAVE A SEPARATE 25mm MINIMUM DIAMETER, TYPE K COPPER WATER SERVICE. WHEN SERVICE LINE EXCEEDS 30m IN LENGTH, THE SIZE OF THE LINE SHALL BE INCREASED TO AN APPROPRIATE DIAMETER, OR AS DIRECTED BY THE TOWN.
2. SERVICES SHALL BE INSTALLED ACCORDING TO OPSD 1104.010 AND 1104.020.
3. WATER SERVICES TO BE LOCATED 2.5m FROM THE LOT LINE OPPOSITE THE DRIVEWAY WITH A CURB STOP AT THE STREET LINE AND A MINIMUM 1.0m CLEAR FROM THE EDGE OF DRIVEWAY. LOCATIONS TO BE MARKED WITH 2 X 4 PAINTED BLUE.
4. THE MINIMUM DEPTH OF COVER IS 1.8m.
5. WATER SERVICES SHALL BE INSTALLED TO AVOID DRIVEWAYS. WHERE NOT POSSIBLE, FROST RINGS TO BE USED.
6. NO COUPLINGS WILL BE ALLOWED BETWEEN THE CURB STOP AND MAIN STOP.
7. STAINLESS STEEL SERVICE SADDLES SHALL BE USED WHEN TAPPING INTO THE PVC WATERMAIN.
8. A REMOTE READOUT WATER METER WILL BE REQUIRED ON EACH RESIDENCE. MAKE AND MODEL IS TO BE PER TOWN REQUIREMENTS COMPLETE WITH A REMOTE READER LOCATED ON AN OUTSIDE WALL, ADJACENT TO THE HYDRO METER.

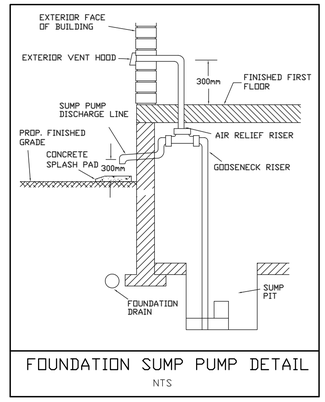




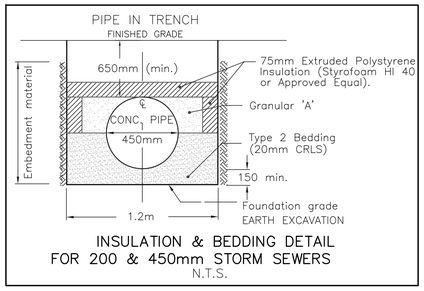
RAIN WATER LEADER DETAIL
N.T.S.



SECTION A–A
FENCE / SWALE DETAIL



FOUNDATION SUMP PUMP DETAIL
NTS



INSULATION & BEDDING DETAIL
FOR 200 & 450mm STORM SEWERS
N.T.S.

SANITARY SEWERS

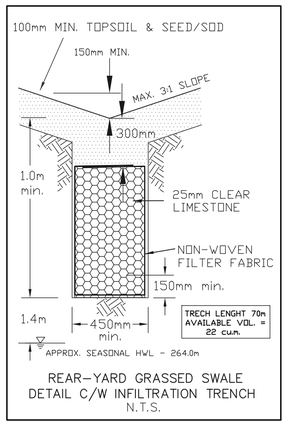
1. SANITARY SEWERS SHALL GENERALLY BE LOCATED 1.5m NORTH OR EAST OF THE ROAD CENTER.
2. ALL POLYVINYL CHLORIDE (PVC) SANITARY SEWER PIPE SHALL BE CSA STANDARD B182.2, SDR35. ALL SANITARY SEWERS SHALL HAVE WATERTIGHT JOINTS AND GASKETTED FITTINGS.
3. SEWERS SHALL BE CONSTRUCTED WITH BEDDING AS PER OPSD 802.010, AND 802.030, UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL CONSULTANT AND APPROVED BY THE TOWN. IN WATER BEARING SAND, IF EXTENSIVE DEWATERING IS REQUIRED, A CLASS "A" BEDDING CONSISTING OF CONCRETE MAY BE REQUIRED.
4. FRAMES AND COVERS SHALL BE IN ACCORDANCE WITH O.P.S.D. 401.010, TYPE 'A'.
5. ALL DOMESTIC CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TOWN STANDARD DRAWINGS AND ALL APPLICABLE O.P.S.D. DETAILS TO A MAXIMUM DEPTH OF 4.5m. CONTROLLED SETTLEMENT JOINTS ARE REQUIRED ON ALL RISERS GREATER THAN 4.5m DEPTH.
6. INSTALL SEWER DROP CONNECTIONS TO MANHOLES AS PER OPSD 1003.010 AND 1003.020.
7. ALL MANHOLE ADJUSTMENT RINGS SHALL BE MORTARED FROM THE OUTSIDE AND INSIDE OF THE STRUCTURE PRIOR BACKFILLING.
8. MANHOLES ARE TO BE WATER–PROOFED PER OPSS 1351. MANHOLES ARE TO BE WATERTIGHT AND PARGED ALONG OUTSIDE OF JOINTS WITH MORTAR PRIOR TO BACKFILLING.
9. "CLAY PLUGS" SHALL BE USED IN THE TRENCH AND BE PLACED 2 TO 3 METERS UPSTREAM FROM ANY MANHOLE WHICH IS SUSPECTED OF BEING SUSCEPTIBLE TO HIGH WATER LEVELS OF INFLOW/INFILTRATION, SUBJECT TO VERIFICATION BY GEOTECHNICAL ENGINEER.
10. MAINTENANCE HOLE TOPS (FRAMES) ARE TO BE SET TO BASE COURSE ASPHALT GRADE, AND THEN ADJUSTED TO FINAL GRADE WHEN TOP LIFT OF ASPHALT IS PLACED. GRADE AND CROSSFALL ADJUSTMENT SHALL BE MADE USING PRODUCTS SPECIFICALLY MANUFACTURED FOR THAT PURPOSE. MODULAR ADJUSTMENT RINGS ARE TO BE USED TO ADJUST THE MANHOLE TO FINAL GRADE.
11. PRECAST CONCRETE MANHOLES SHALL CONFORM TO OPSD M701.010 (MODIFIED) FOR 1200mm DIAMETER.
    a) REINFORCED, POURED IN PLACE CONCRETE MANHOLES, ARE SUBJECT TO APPROVAL OF THE TOWN ENGINEER.
    b) SAFETY PLATFORMS ARE TO BE PROVIDED FOR MANHOLES IN ACCORDANCE WITH PROVINCIAL REGULATIONS.
    c) ALL SANITARY MANHOLES TO HAVE BENCHING TO OBVERT PER OPSD 701.021.
12. MINIMUM CLEARANCES BETWEEN SERVICES SHALL BE PROVIDED IN ACCORDANCE WITH M.O.E. GUIDELINES. MINIMUM CLEARANCE FOR SEWERS IN THE COMMON TRENCH SHALL BE 450MM BETWEEN THE OUTSIDE OF THE BELLS.
13. A MINIMUM COVER OF 2.8m BELOW THE CENTERLINE ROAD ELEVATION OR SUFFICIENT DEPTH FOR BASEMENT FLOOR DRAINS AND FROST COVER SHALL BE PROVIDED. WHERE SEWERS AREA LOCATED WITHIN AN EASEMENT A MINIMUM FROST COVER OF 1.5m MAY BE USED, PROVIDED SUCH SEWERS CROSS BELOW WATERMAINS.
14. BULKHEADS OR PLUGS ARE REQUIRED IN DOWNSTREAM MANHOLE AT OUTLET FROM DEVELOPMENT, UNTIL FIRST OCCUPANCY.
15. ALL TESTING OF THE SANITARY SYSTEM IS TO BE COMPLETED IN ACCORDANCE WITH THE "SANITARY SEWER SYSTEM INSPECTION, TESTING AND ACCEPTANCE GUIDELINE"(OCT.2011) AS PREPARED BY THE REGION OF YORK, OR LATEST AMENDMENT THERETO.
16. MANHOLE STEPS ARE TO BE SOLID, RECTANGULAR ALUMINUM PER OPSD 405.020.

SEWER SERVICE LATERALS

1. ALL SANITARY LATERAL PIPES SHALL BE PVC–DR28, GREEN IN COLOR. SINGLES ARE 100mm, DOUBLES ARE 125mm.
2. STORM SERVICES SHALL BE 150mm DIAMETER PVC DR 28, WHITE IN COLOR.
3. ELEVATION OF SERVICE CONNECTIONS AT THE STREETLINE IS TO BE 2.5m MINIMUM BELOW FINISHED GRADE AND TERMINATED WITH A WATER–PROOF PLUG.
4. LOCATION STAKED WITH A 2 X 4 MARKER PAINTED RED FOR SANITARY AND GREEN FOR STORM.
5. ALL LATERALS ARE TO BE INSPECTED BY CCTV FROM THE MAINLINE TO THE DWELLING AND A REPORT SUBMITTED TO THE TOWN PRIOR TO OCCUPANCY OF THE DWELLING.
6. TEST FITTINGS AT STREET–LINE TO BE WATER–TIGHT PVC FITTING.
7. BEDDING FOR LATERALS TO BE PER OPSD 1006.010 AND OPSD 1006.020 (MODIFIED).

GRADING NOTES:

1. All external site areas disturbed by the activities of the contractor shall be restored to existing condition or better and to the satisfaction of the Town. Grassed areas shall be restored by placing 150mm topsoil and actively growing 1 nursery sod. All boulevards to be sodded.
2. Topsoil in fill areas to be stripped. All fill materials approved for suitability by the geotechnical engineer prior to any filling or reuse of excavated material. Approval fill material shall be compacted to the satisfaction of the geotechnical engineer.
3. Pavement grades (min. 0.5%, max. 5.0%).
4. Drainage swales with grades (min. 2%, max. 5.0%).
5. Slopes in landscaped areas and on berms shall not exceed 3 horizontal to 1 vertical with a maximum vertical elevation not in excess of the applicable Town standard.
6. Silt fence to be installed and maintained to prevent silt flowing onto adjacent lands prior to stripping topsoil and to be maintained until all construction is complete.
7. Construction access shall be constructed with a minimum depth of 450mm crushed stone base from the municipal curb or edge of pavement to the property line, to the satisfaction of the Town.
8. Boulevard grades are to be 2.0% to 4.0% max.
9. Siltation control measures shall be in place prior to start of any construction.
10. All grading to conform to Town of Richmond Hill standards and specification and OPSD.
11. All construction to be carried out in accordance with the most recent design criteria, standards, and specifications of the Town of Richmond Hill and OPSD.
12. The geotechnical consultant shall verify the suitability of the engineered fill at source prior to hauling any material on site.
13. All fill shall be placed and compacted to 95% standard proctor density in maximum 0.20m lifts to sub–grade.
14. Unless otherwise shown on the grading and/or erosion sediment control plan, proposed stockpiling of topsoil during construction will require the owner's engineer to provide the location and height of stockpiled topsoil. Topsoil pile must be stable and seeded to establish a temporary vegetative cover and to prevent erosion.

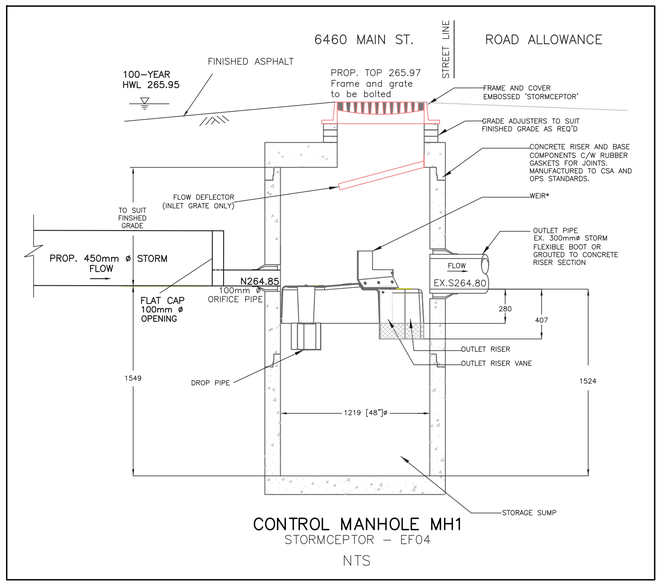


REAR–YARD GRASSED SWALE
DETAIL C/W INFILTRATION TRENCH
N.T.S.

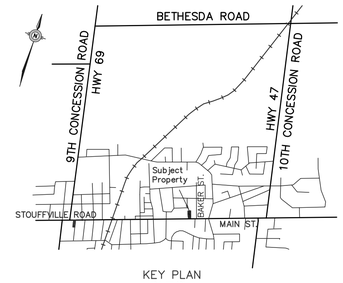
REQ'D. VOLUME(V) = REAR ROOF AREAS (sq.m.) x 0.025m / 0.4 (Void Ratio)

V = 350 (sq.m.) x 0.025 / 0.4

V = 21.8 cum.



CONTROL MANHOLE MH1
STORMCEPTOR – EF04
NTS



KEY PLAN
N.T.S.

NOTE:
Distances Shown On This Plan Are In Metres And Can Be Converted To Feet By Dividing By 0.3048

The Position of Pole Lines, Conduits, Watermains, Sewers and Other Underground and Overground Utilities and Structures is Not Necessarily Shown On The Contract Drawing, And Where Shown, The Accuracy Of The Position of Such Utilities and Structures is Not Guaranteed Before Starting Work. The Contractor Shall Inform Himself Of The Exact Location of All Such Utilities and Structures, and Shall Assume All Liability For Damage To Them.

LEGEND

- 266.35 PROPOSED ELEVATION
- 265.10 EX. ELEVATION
- EX. STORM MAINTENANCE HOLE
- EX. SANITARY MAINTENANCE HOLE
- R PROP. ROOF LEADER C/W SPLASH PAD
- S PROP. SUMP DISCHARGE TO SPLASH PAD
- Ex.CB EXISTING CATCHBASIN
- CB PROPOSED CATCHBASIN
- MC PROP. WATER METER CHAMBER
- WB PROPOSED WATER BOX
- PROP HYD&V PROP. HYDRANT & VALVE
- PROP. FLOW DIRECTION
- PROP. 3:1 (MAX) SLOPE
- FF FINISHED FIRST FLOOR ELEVATION
- TW TOP OF FOUNDATION WALL ELEVATION
- USF UNDERSIDE OF FOOTING ELEVATION
- DENOTES EXISTING TREES
- DENOTES EX. TREE TO BE REMOVED
- STOP SIGN C/W STOP BAR
- OVERLAND FLOW ROUTE

No.	Revision	Date	By	Appr'd
2	REV. PER TOWN & BURNSIDE COMMENTS – NOV. 2025	JULY 2026	CDR	CDR
1	REV. PER TOWN & BURNSIDE COMMENTS – MAR. 2021	MAR. 2024	CDR	CDR

Benchmarks

No.	Elevation	Description
130210005	265.196m	ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE MINISTRY OF NATURAL RESOURCES AND FORESTRY CONTROL SURVEY INFORMATION EXCHANGE (COSINE). BENCHMARK N° 130210005 HAVING A PUBLISHED ELEVATION OF 265.196 METRES.

2426009 ONTARIO LTD.

PROPOSED RESIDENTIAL DEVELOPMENT
6460 MAIN STREET, TOWN OF WHITCHURCH–STOUFFVILLE

CONSULTANT

LICENSED PROFESSIONAL ENGINEER
C. DI REZZE
JULY.9/2026
PROVINCE OF ONTARIO

ACCEPTED
TOWN OF WHITCHURCH STOUFFVILLE

SIGNATURE DATE

TOWN OF WHITCHURCH–STOUFFVILLE

AME–TECH Developments Limited
Urban Engineering & Project Management Services
346 Newkirk Road, Unit 9, Richmond Hill, Ontario L4C 0A9, 905.884.4336

SERVICING & GRADING

LOT 30 AND PART OF LOT 31, REGISTERED PLAN 230
TOWN OF WHITCHURCH–STOUFFVILLE
REGIONAL MUNICIPALITY OF YORK

Surveyed by: B.IAVICOLI, O.L.S.	Checked by:	GDR	Town File Nos. SPA20.019
Drawn by: CADD	Approved by:	CDR	
Designed by: CDR	Date:	JULY 2026	Drawing No. SG1
Scale Horz. 1:250 (0m 5m 10m)			Sheet No. 1 OF 2