



South Poppy Lands

Environmental Noise Assessment

Project Location:

132 Clair Road West
Guelph, Ontario

Prepared for:

Mattamy Homes Limited
6696 Financial Drive
Mississauga, ON L5N 7J6

Prepared by:

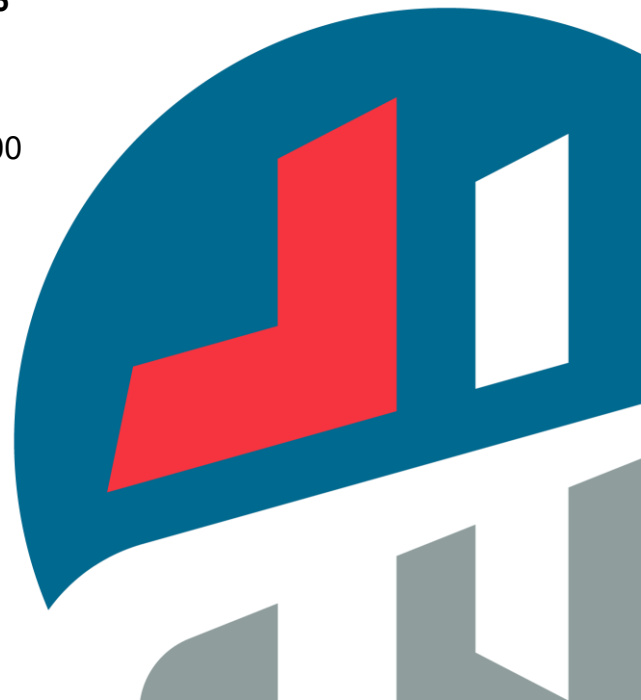
MTE Consultants Inc.
520 Bingemans Centre Drive
Kitchener, ON N2B 3X9

June 20, 2025

Revised: March 9, 2026

Revised: July 9, 2026

MTE File No.: 48696-500





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MTE Drawing No. 48696-500-NA1.1	Enclosed
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1.0 INTRODUCTION

MTE Consultants Inc. (MTE) was retained by Mattamy Homes Limited to prepare an Environmental Noise Assessment in support of the Draft Plan of Subdivision application for the South Poppy Lands in the City of Guelph (City), as shown in **Figure 2.1**. The proposed development is herein referred to as the 'Subject Lands'.

The Subject Lands consist of approximately 3.39ha and are bounded to the north by the future extension of Poppy Drive West, to the east by Gosling Gardens, to the south by agricultural lands, and to the west by the South End Community Park. Development plans include low-density residential lots, a multiple residential block, open space blocks, and natural heritage system lands.

A Draft Plan of Subdivision (dated July 3, 2026) for the proposed development has been prepared by MHBC Planning and forms the basis of this report. The Draft Plan has been included in **Appendix A**.

The purpose of this Environmental Noise Assessment is to determine the noise impacts from forecasted traffic volumes along Clair Road West, Gordon Street, Future Street A, and Poppy Drive West on the development and recommend noise control measures to meet the Ministry of the Environment, Conservation and Parks' (MECP) guidelines, while satisfying the planning requirements of the City.

2.0 CRITERIA

This report and analysis have been completed using the requirements of Publication NPC-300: *Environmental Noise Guideline: Stationary and Transportation Sources – Approval and Planning* (MECP, 2013) and the City's *2018 Guelph Noise Control Guidelines*.

2.1 Outdoor Noise Level Limits

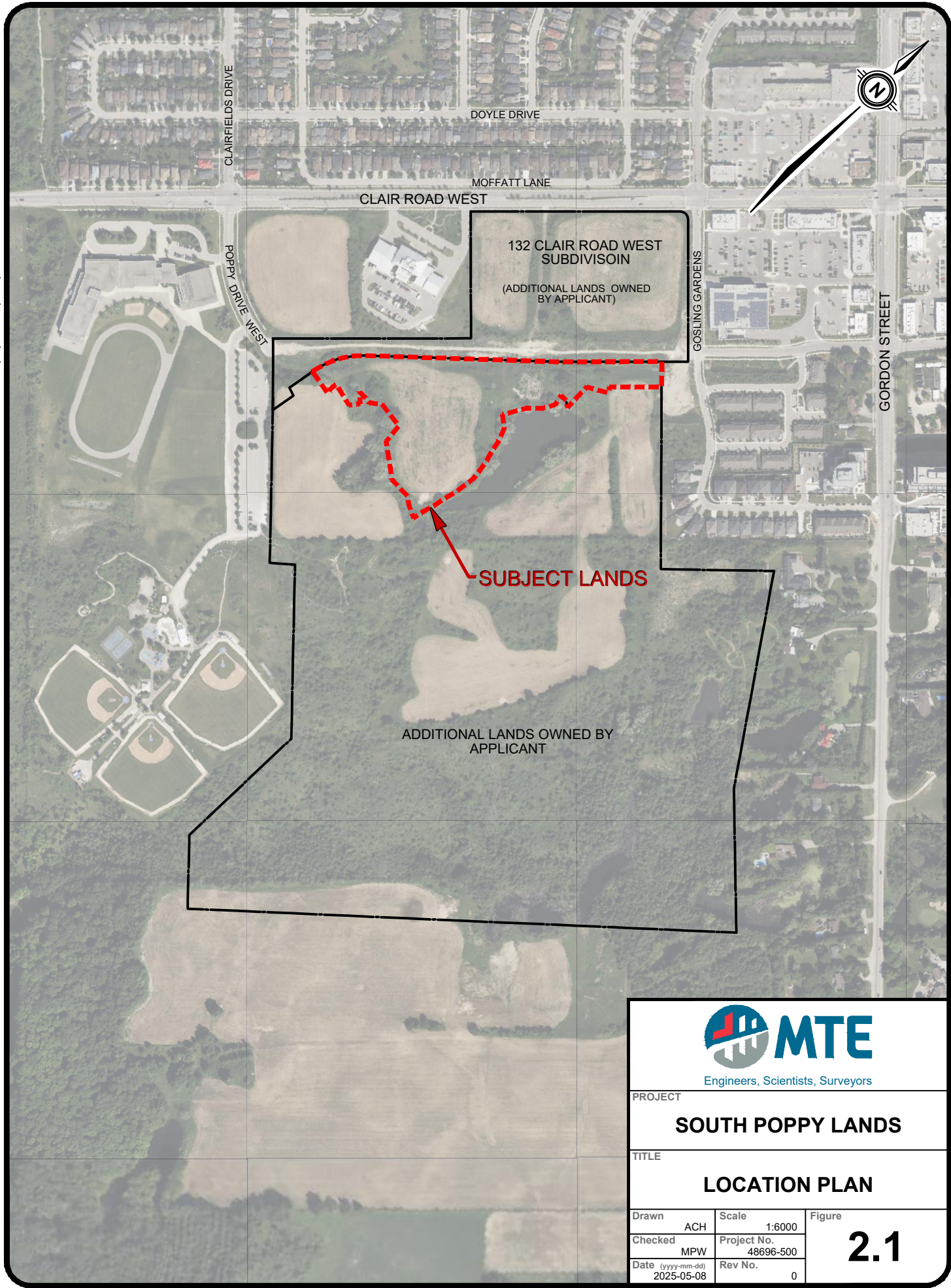
The recommended outdoor daytime noise levels, taken from Table C-1 in the Publication NPC-300 are:

Usage	Between Hours	Noise Levels
Outdoor Amenity Area	07:00 to 23:00	55dBA L_{eq}

Table 2.1 summarizes the noise control measures required for road traffic noise sources.

Table 2.1 – Required Noise Control Measures for Outdoor Living Areas

Daytime (07:00-23:00)	Exceeds Objective By	Noise Control Measures
≤ 55dBA	0dBA	No requirements or conditions
56-60dBA	1-5dBA	Noise Warning Clause
> 60dBA	> 5dBA	Alternative Land Use Alternative Draft Plan Designs Barriers



PROJECT			Figure 2.1
SOUTH POPPY LANDS			
TITLE			
LOCATION PLAN			
Drawn	ACH	Scale 1:6000	
Checked	MPW	Project No. 48696-500	
Date (yyyy-mm-dd)		Rev No.	
2025-05-08		0	

2.2 Indoor Noise Level Limits

Similar to outdoor noise levels limits, the recommended indoor noise levels taken from Table C-2 in the Publication NPC-300 are:

Usage	Between Hours	Noise Levels (L_{eq})
Indoor Living Area	07:00 to 23:00	45dBA
Indoor Living Area (Sleeping Quarters)	23:00 to 07:00	40dBA

Outdoor sound levels (calculated at the plane of window) are used to determine if acoustical mitigation measures are required. **Table 2.2** summarizes control measures, for indoor living area sound levels, based on a 10dBA reduction for a standard wall section applied to the outdoor sound levels due to road traffic.

Table 2.2 – Required Noise Control Measures for Indoor Living Areas

Daytime (07:00-23:00)	Nighttime (23:00-07:00)	Exceeds Objective By	Noise Control Measures
≤ 45dBA	≤ 40dBA	0dBA	No requirements or conditions
46-55dBA	41-50dBA	1-10dBA	Noise Warning Clause Provisions for central A/C
> 55dBA	> 50dBA	> 10dBA	Noise Warning Clause Central A/C or other ventilation system installed prior to occupancy Building components designed to achieve indoor sound level criteria

2.3 Calculation Parameters

As previously noted, the allowable outdoor noise level for outdoor living areas is 55dBA, with up to 60dBA being allowed with a noise warning clause. The allowable indoor daytime (07:00-23:00) and nighttime (23:00-07:00) noise levels are 45dBA and 40dBA, respectively. Indoor noise levels are assumed to be 10dBA less than outdoor noise levels, measured at the plane of window, for buildings with standard wall construction.

Daytime and nighttime noise calculations for indoor noise levels at locations which represent the worst-case impact have been included. Since unit plans are not yet available, it is assumed that daytime and nighttime living areas (bedroom or living/dining room) are most conservatively represented at the building envelope face, 4.5m above ground level. Noise levels have also been calculated for the outdoor living areas, 3.0m off the building envelope, at a height of 1.5m above ground level.

Elevations and road grades used for this assessment are based on the preliminary grades for the development, proposed finished grades for Poppy Drive West, and existing grades along Clair Road West and Gordon Street. The proposed road grade on Poppy Drive West is approximately 0.6%. A road grade of 2.0% has been assumed for the Future Street A. The existing road grades along Clair Road West and Gordon Street are approximately 1.5% and 3.0%, respectively. These gradients were used as the road parameters in the STAMSON modelling software.

3.0 ANALYSIS PROCEDURES

3.1 Road Traffic Data

The road traffic noise sources considered for this analysis include:

- Clair Road West;
- Gordon Street;
- Future Street A; and,
- Poppy Drive West.

Projected ultimate traffic volumes for all streets were provided from Figures 26.1 and 26.2 in the *Transportation Master Plan Study*, dated February 2021 by BA Group. The traffic volumes from this study were projected out to 2031. For the purposes of this analysis, this will be considered the horizon year, as it represents the full buildout of the Clair Maltby Secondary Plan area.

The traffic volumes provided within the BA Group report represent the PM Peak Hour volumes. For the purposes of this report, total traffic volumes (vehicles per day) were calculated by multiplying the PM peak traffic volumes by ten (10).

As no truck traffic data was included in the traffic volumes, the distribution of medium and heavy truck traffic for all streets was assumed. For Clair Road West and Gordon Street, the truck traffic from current ADT data received from the City for Clair Road West between Clairfields Drive and Gosling Gardens (June 16, 2023 to June 19, 2023) was used. For Future Street A and Poppy Drive West, a typical value of 2.0% was used for both medium and heavy trucks.

Posted speed limits for Clair Road West and Gordon Street are 60km/h and 70km/h, respectively. Posted speed limits for Future Street A and Poppy Drive West have yet to be provided. Therefore, they are assumed to be 60km/h and 40km/h, respectively.

Traffic volume calculations are included in **Appendix B** and are summarized in **Table 3.1**.

3.2 Traffic Calculation Methods

Resulting road noise levels were calculated using the STAMSON v5.03 computer program approved by the MECP. Daytime and nighttime noise levels were calculated based on 24-hour volume breakdown. The daytime volume (over 16 hours) is obtained by multiplying the AADT by the fraction of daily traffic expected during the daytime period (i.e., 90%). The nighttime volumes are obtained in a similar manner, except using 10% for expected nighttime traffic (over 8 hours).

Table 3.1 – Full Buildout Traffic Volumes

Road Segment	Street	Daytime Volume (16hr)			Nighttime Volume (8hr)		
		Cars	Medium Trucks	Heavy Trucks	Cars	Medium Trucks	Heavy Trucks
S1	Clair Road W.	19,657	1,414	1,016	2,184	157	113
S2	Gordon Street	23,902	1,719	1,235	2,656	191	137
S3	Future Street A	9,202	192	192	1,022	21	21
S4*	Poppy Drive W.*	2,575	54	54	286	6	6

*Note: Nighttime volumes for Segment 4 (Poppy Drive West) are insufficient to effectively run a Stamson analysis (minimum 40vph requirement).

4.0 RESULTS AND ANALYSIS

4.1 Noise Level Calculations

This noise report has been completed to determine noise levels for the Subject Lands and recommend noise mitigation measures, if required. As previously stated, it is assumed that worst-case daytime and nighttime living areas (bedroom or living/dining room) are represented at the building envelope face, 4.5m above the finished grade elevation. Noise levels have also been calculated for the outdoor living areas; at a height of 1.5m above finished grade. Resulting STAMSON calculations are included in **Appendix C**.

It should be noted that a Site Plan for the multi-residential Block 21 has not yet been completed. An Environmental Noise Assessment will be required for this block under its respective Site Plan Approval process.

4.1.1 Setback Lines (SBL)

Noise calculations were completed to determine the minimum source-receiver distance to achieve adequate noise attenuation:

- With central A/C, special building components, and a noise warning clause;
- With provisions for central A/C and a noise warning clause;
- With control measure for outdoor living areas and a noise warning clause; and
- With a noise warning clause.

The following **Table 4.1** indicates the resulting unattenuated (free-field) noise levels at specific receiver locations within the development. Unattenuated acoustic impacts are such that MECP noise level limits are exceeded within the development. Mitigation measures in the form of special building components, noise attenuating barriers, and/or noise warning clauses will be required for portions of the development. Mitigation measures specific to each lot will be further discussed in the following sections. The resulting setback lines are identified in **MTE Drawing 48696-500-NA1.1**.

Table 4.1 – Unattenuated Noise Levels (Setback Lines)

Receiver Location	Distance (m) Daytime/Nighttime*	Daytime Level (dBA)	Nighttime Level (dBA)
Setback 1 (Clair Rd. W.)	144.5 / 115.4	55	50
Setback 2 (Clair Rd. W.)	125.4	55	-
Setback 3 (Gordon St.)	214.9 / 171.5	55	50
Setback 4 (Gordon St.)	182.4	55	-
Setback 5 (Fut. St. A)	61.6 / 49.0	55	50
Setback 6 (Fut. St. A)	14.0 / 9.7	65	60
Setback 7 (Fut. St. A)	56.4	55	-
Setback 8 (Fut. St. A)	28.2	60	-
Setback 9 (Poppy Dr.)	15.1 / 12.2	55	50
Setback 10 (Poppy Dr.)	14.7	55	-

*Bolted distances, where both daytime and nighttime measurements are relevant, indicate the governing distance and time of day for that particular setback line/attenuation measure.

The nighttime traffic volumes for Poppy Drive West do not meet the minimum volume of 40 vehicles per hour required for Stamson to adequately model the resulting noise level. Therefore, the daytime calculations and resulting setbacks automatically govern for Poppy Street West.

The setback distance in italics for Setbacks 6 is less than 15.0m from the respective road centreline, which is the minimum distance that Stamson can adequately model the resulting noise level. As such, the distance to this setback was calculated using the equation found in the calculations in **Appendix C**, which uses an MECP approved logarithmic scale equation to determine how the decibel level decreases as the distance from the noise source is increased.

4.1.2 Points of Assessment (POA)

Points of assessment are typically placed in critical locations where the resulting noise levels are expected to be high due to the close proximity to the noise source, or where the thresholds outlined in **Table 2.2** are achieved. They are typically used to assess building component requirements based on elevated noise levels. However, as building plans are not yet available POAs were not modelled at this time.

4.1.3 Outdoor Living Areas (OLA)

Similarly, outdoor living area points of assessment are typically placed in critical locations where the resulting noise levels are expected to be high due to the close proximity to the noise sources, or where the thresholds outlined in **Table 2.1** are achieved. They are typically used to assess noise barrier requirements based on elevated noise levels. One point (OLA1) was used to analyze Lot 1 to help determine the required length and height of the noise attenuation barrier, if required.

Calculated noise levels for the OLAs are summarized in **Table 4.2**. Refer to **MTE Drawing 48696-500-NA1.1** for the OLA locations.

Table 4.2 – Outdoor Living Area Noise Calculations

Receiver Location	Distance (m)	Calculated Outdoor Noise Level (dBA)*		Exceedance of 55dBA Outdoor Noise Level Limit (dBA)	Comments
		Unattenuated	Attenuated		
OLA1	32.4	59.0	57.6	4.0	Type A Noise Warning Clause

*Unattenuated noise levels are calculated as free-field measurements. Attenuated results are calculated assuming the potential shielding effect from the surrounding buildings and barriers (where applicable), assuming full buildout.

4.2 Mitigation Measures

This noise report has been completed to determine the resulting noise impacts from Clair Road West, Gordon Street, Future Street A, and Poppy Drive West on the proposed dwellings in South Poppy Lands.

4.2.1 Setback Lines

As previously mentioned, noise calculations were completed to determine the minimum source-receiver distances to achieve adequate noise attenuation. **Table 4.1** above presents a summary of Stamson modelling results for determining minimum setback lines. The results are identified in **MTE Drawing 48696-500-NA1.1**.

The following setback lines describe the required noise control measures at specific distances from the road centrelines. It should be noted that the descriptions outlined below are specific to that setback line and do not account for multiple attenuation requirements caused by overlapping setback lines. Refer to the requirements outlined in **MTE Drawing 48696-500-NA1.1**.

Outdoor Living Areas

Setback Lines 2, 4, 7, and 10 (55dBA)

- A Type A Noise Warning Clause. It should be noted that Setback Lines 2 and 4 do not reach the Subject Lands.

Setback Line 8 (60dBA)

- Noise attenuation barrier (if required) and a Type B Noise Warning Clause.

Interior Plane of Window (POW)

Setback Lines 1, 3, 5, and 9 (55dBA) (Daytime Governs)

- Forced air heating with provisions for the installation of central air conditioning and a Type C Noise Warning Clause. It should be noted that Setback Lines 1 and 3 do not reach the Subject Lands.

Setback Line 6 (65dBA) (Daytime Governs)

- Special building components, central air conditioning installed prior to building occupancy, and a Type D Noise Warning Clause. It should be noted that this Setback Line does not reach the Subject Lands.

4.2.2 Building Components

As summarized above, the resulting noise calculations indicate that there are no locations where indoor daytime noise levels of 55dBA (corresponding to plane of window limit of 65dBA) anticipated to be exceeded. As such, there will be no requirement for building components to be designed to mitigate noise levels.

4.2.3 Noise Warning Clauses and Ventilation Requirements

Free-field noise level calculations have determined that all dwellings between Setback Lines 5 and 6, or between Setback Line 9 and Poppy Drive West, will exceed indoor daytime noise levels of 45dBA (corresponding to plane of window limit of 55dBA). Therefore, these dwellings shall be fitted with a forced air heating system with provisions for the future installation of air conditioning and a Type C Noise Warning Clause shall be registered on title.

Finally, lots with outdoor living areas proposed between Setback Lines 7 and 8, or between Setback Line 10 and Poppy Drive West, will have unattenuated outdoor daytime noise levels greater than 55dBA, which warrants the need for a Type A Noise Warning Clause to be registered on title.

5.0 CONCLUSIONS

Based on the foregoing analysis, the following conclusions can be made:

1. An analysis for special building components is not be required for this development.
2. Noise attenuating barriers are not required for this development.
3. Lots with outdoor living areas proposed between Setback Lines 7 and 8, or between Setback Line 10 and Poppy Drive West, require a Type A Noise Warning Clause to be registered on title.
4. Forced air heating, as well as provisions for future installation of central air conditioning by the owner are required for all dwellings between Setback Lines 5 and 6, or between Setback Line 9 and Poppy Drive West. Furthermore, a Type C Noise Warning Clause shall be registered on title.

Noise Warning Clauses

5. The following noise warning clauses shall be registered on title for all lots where the resulting noise levels exceed the recommended criteria. The clauses shall be worded as follows:

Lots 1 & 2

NWC TYPES A&C: “Purchasers/tenants are advised that sound levels due to increasing road traffic may on occasions interfere with some activities of the dwelling occupants as the sound levels exceed the sound level limits of the Municipality and the Ministry of the Environment, Conservation and Parks. This dwelling 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 Environment, Conservation and Parks.”

It is recommended that a Final Environmental Noise Assessment Report is completed once finished grades and dwelling locations have been established. A separate Environmental Noise Assessment will be required for the multi-residential Block 21 under its respective Site Plan Approval process.

All of which is respectfully submitted,
MTE Consultants Inc.

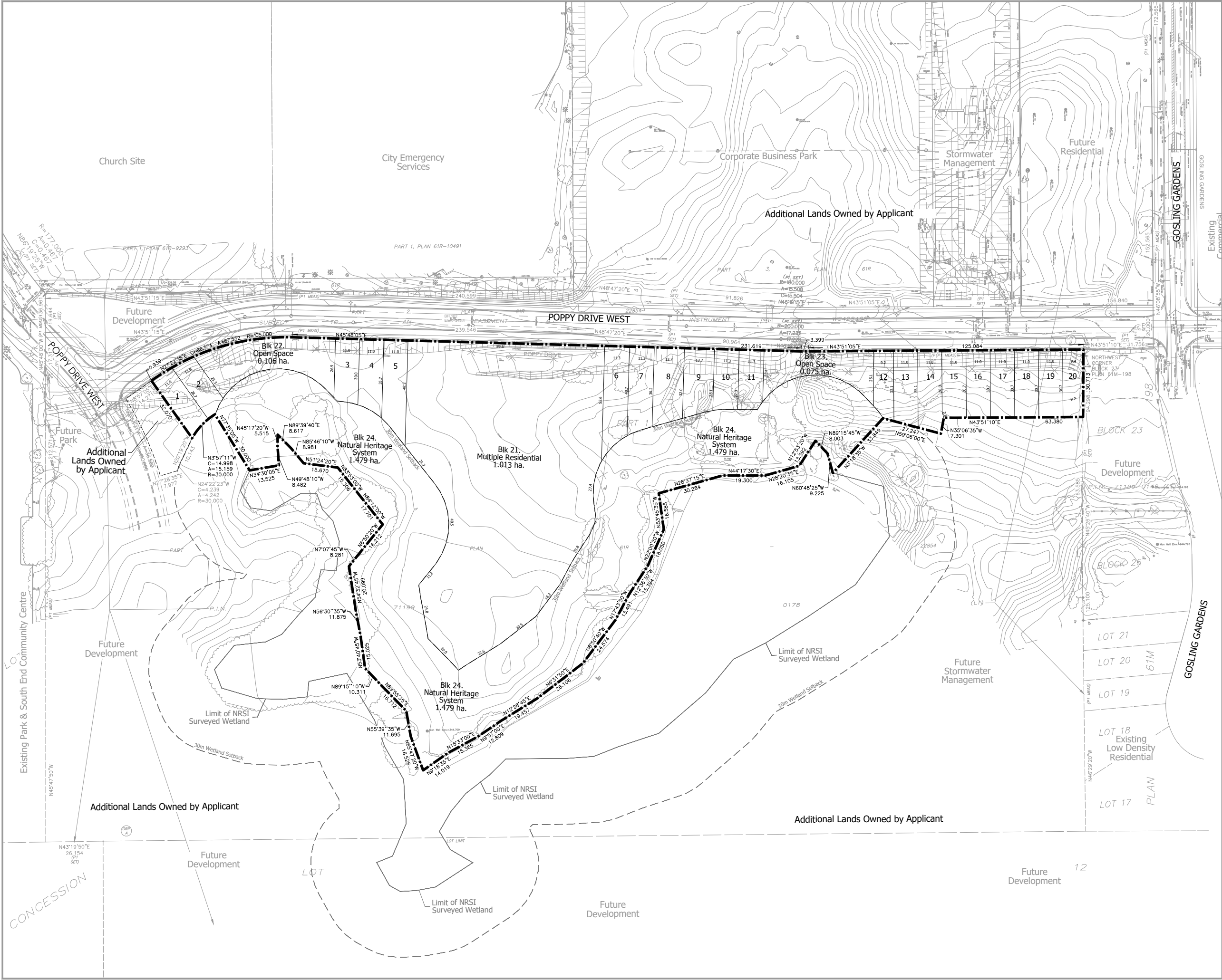
Matthew Willcox, P.Eng.
Design Engineer
519-743-6500
mwillcox@mte85.com

MPW:cjc

https://mte85.sharepoint.com/sites/48696-500/Shared Documents/02 - Reports/MTE Reports/Noise Assessment - South Poppy Lands/48696-500_rpt_2026-03-09_Environmental Noise Assessment.docx

Appendix A

Draft Plan of Subdivision (11x17 Reduced)



DRAFT PLAN OF SUBDIVISION

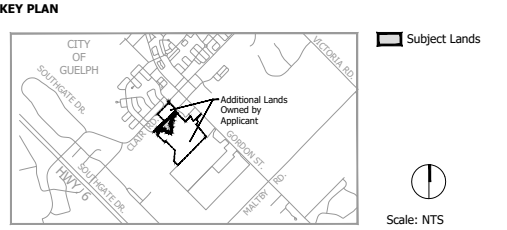
LEGAL DESCRIPTION
PART OF LOT 11 CONCESSION 7 (GEOGRAPHIC TOWNSHIP OF PUSLINCH)
NOW IN THE CITY OF GUELPH
COUNTY OF WELLINGTON

OWNER'S CERTIFICATE
I HEREBY AUTHORIZE MACNAUGHTON HERMSEN BRITTON CLARKSON PLANNING LIMITED
TO SUBMIT THIS PLAN FOR APPROVAL.

Date: _____
Client Name
Mattamy Homes (Tru-Villa) Limited

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THE BOUNDARIES OF THE LAND TO BE SUBDIVIDED ON THIS
PLAN AND THEIR RELATIONSHIP TO THE ADJACENT LANDS ARE ACCURATELY AND
CORRECTLY SHOWN.

Date: _____
Name, Surveyor, O.L.S.
Surveyor Company



ADDITIONAL INFORMATION
Required Under Section 51 (17) of the Planning Act, R.S.O., 1990, c.P.13 as Amended
(a) As Shown (e) As Shown (i) As Shown
(b) As Shown (f) As Shown (k) All services as required
(c) As Shown (g) As Shown (l) As Shown
(d) Residential, Park, Open Space (h) Municipal Water Supply
(i) Sandy Loam

DESCRIPTION	LOTS/BLOCKS	UNITS	AREA
Low Density Residential	1-20	20	0.721 ha
Multiple Residential	21	39	1.013 ha
Open Space	22, 23		0.181 ha
Natural Heritage System	24		1.479 ha
Total	24	59	3.394 ha

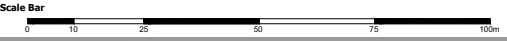
- NOTES
- All dimensions are in meters unless otherwise shown.
 - Topographical survey base & property boundary information provided by MTE Consultants Inc.
 - Existing wetlands & 30m buffer area provided by Natural Resource Solutions Inc.
 - Adjacent property mapping is approximate/ for information purposes only.
 - Contains information provided by the City of Guelph under an Open Government Licence.
 - Contains information licensed under the Open Government Licence – Ontario.

Revision No.	Date	Issued / Revision	By
1.	July 3, 2026	Issued for Submission;	G.C.

Stamp	Date	July 3, 2026
	File No.	06131AD
	Plan Scale	1:750 (Arch D)
	Drawn By	G.C.
Checked By	A.S.	

Project
South Poppy Lands
132 Clair Road West, City of Guelph
Mattamy (TruVilla) Limited
6696 Financial Drive, Mississauga, ON

File Name
DRAFT PLAN OF SUBDIVISION
Dwg No.
1 of 1



Appendix B

Traffic Data

CLAIR - MALTBY SECONDARY PLAN

Transportation Master Plan Study
City of Guelph

Prepared For: City of Guelph

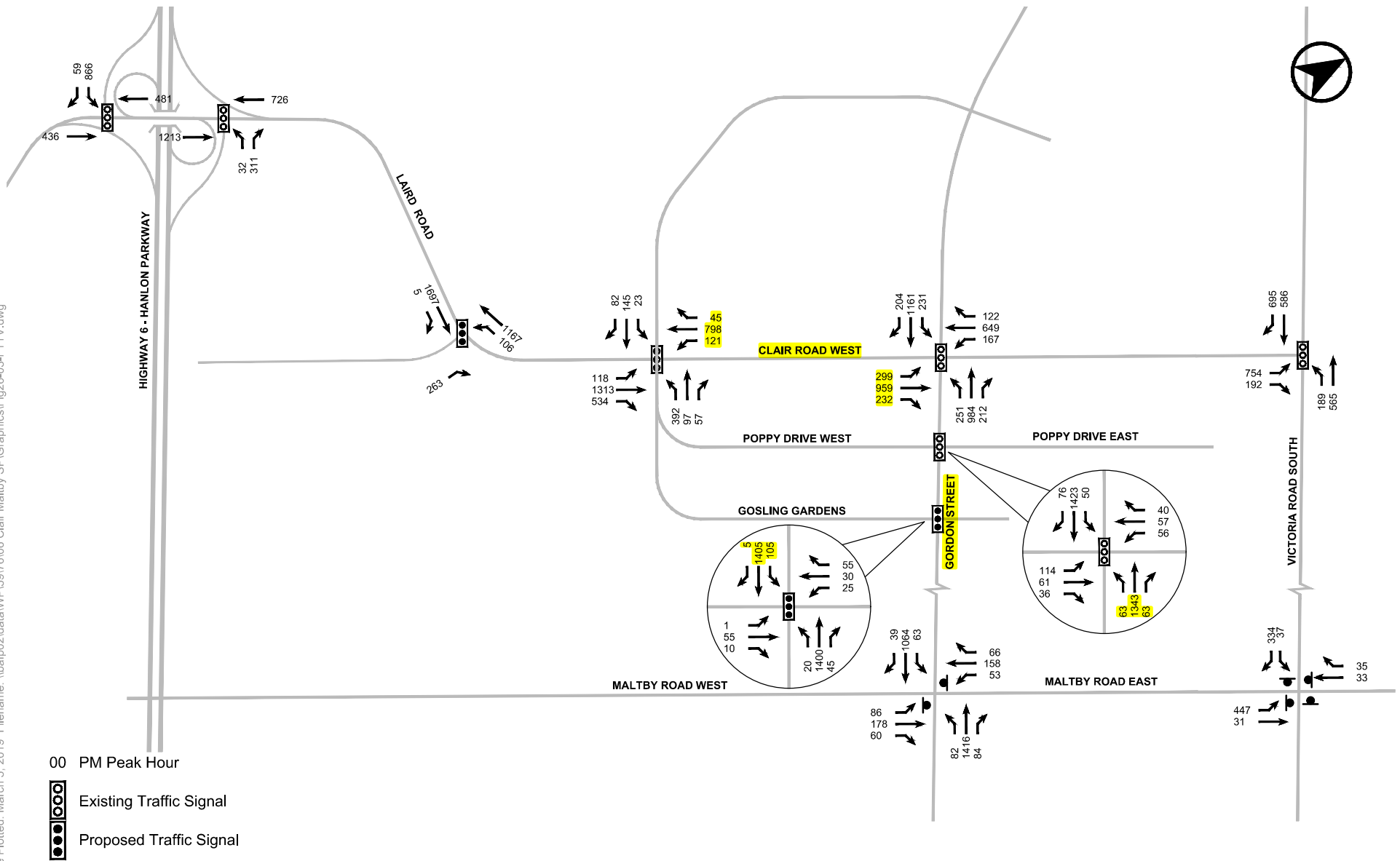
March 6, 2019; Revised February 2021



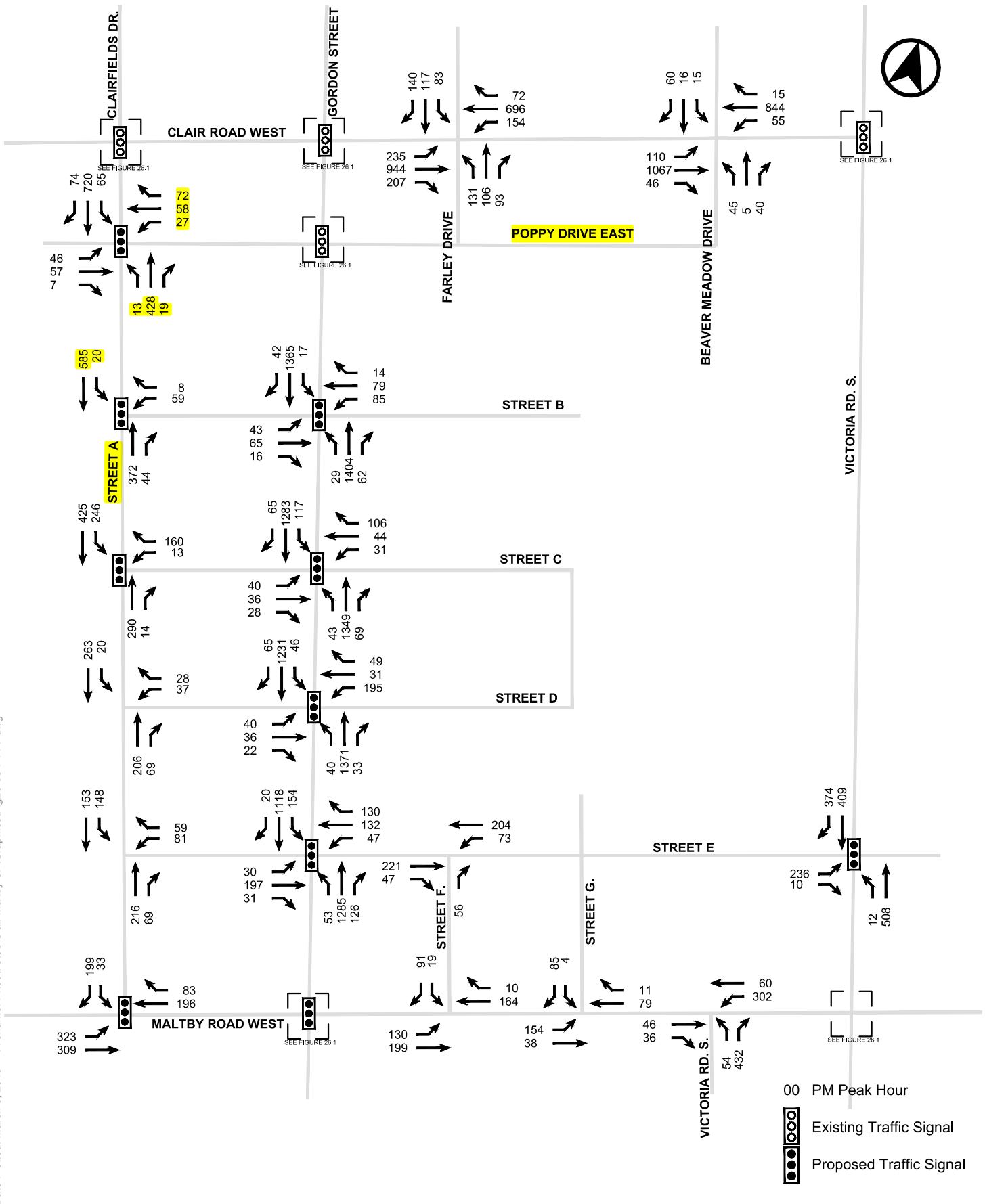
**MOVEMENT
IN URBAN
ENVIRONMENTS**

BAGROUP.COM

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the City of Guelph at: [City of Guelph Flickr](#)
[Link to license](#)



FUTURE TOTAL TRAFFIC VOLUMES



FUTURE TOTAL TRAFFIC VOLUMES

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

Start Time	12-Jun-23		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	*	*	*	*	*	*	113	66	80	79	96	72
01:00	*	*	*	*	*	*	*	*	50	19	39	36	63	53	51	36
02:00	*	*	*	*	*	*	*	*	33	17	22	16	40	35	32	23
03:00	*	*	*	*	*	*	*	*	18	16	17	19	21	24	19	20
04:00	*	*	*	*	*	*	*	*	21	44	18	26	12	16	17	29
05:00	*	*	*	*	*	*	*	*	49	219	32	128	39	67	40	138
06:00	*	*	*	*	*	*	*	*	119	318	68	108	55	113	81	180
07:00	*	*	*	*	*	*	*	*	216	476	101	103	99	108	139	229
08:00	*	*	*	*	*	*	*	*	354	587	161	230	151	208	222	342
09:00	*	*	*	*	*	*	*	*	305	366	242	339	215	310	254	338
10:00	*	*	*	*	*	*	*	*	285	324	349	324	326	347	320	332
11:00	*	*	*	*	*	*	*	*	362	358	367	344	471	434	400	379
12:00 PM	*	*	*	*	*	*	*	*	470	431	366	356	455	446	430	411
01:00	*	*	*	*	*	*	*	*	356	368	355	338	454	466	388	391
02:00	*	*	*	*	*	*	*	*	430	433	423	437	423	404	425	425
03:00	*	*	*	*	*	*	*	*	517	395	374	368	442	395	444	386
04:00	*	*	*	*	*	*	*	*	577	362	379	333	384	348	447	348
05:00	*	*	*	*	*	*	*	*	520	396	363	316	447	382	443	365
06:00	*	*	*	*	*	*	*	*	395	356	327	315	326	378	349	350
07:00	*	*	*	*	*	*	*	*	317	274	262	257	336	303	305	278
08:00	*	*	*	*	*	*	*	*	278	236	302	221	286	290	289	249
09:00	*	*	*	*	*	*	*	*	166	152	183	164	202	198	184	171
10:00	*	*	*	*	*	*	*	*	153	104	100	115	145	143	133	121
11:00	*	*	*	*	*	*	*	*	154	84	127	92	69	63	117	80
Lane	0	0	0	0	0	0	0	0	6145	6335	5090	5051	5541	5610	5625	5693
Day	0		0		0		0		12480		10141		11151		11318	
AM Peak	-	-	-	-	-	-	-	-	11:00	08:00	11:00	11:00	11:00	11:00	11:00	11:00
Vol.	-	-	-	-	-	-	-	-	362	587	367	344	471	434	400	379
PM Peak	-	-	-	-	-	-	-	-	16:00	14:00	14:00	14:00	12:00	13:00	16:00	14:00
Vol.	-	-	-	-	-	-	-	-	577	433	423	437	455	466	447	425

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

Start Time	19-Jun-23		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	35	23	0	0	0	0	0	0	0	0	*	*	*	*	7	5
01:00	14	13	0	0	0	0	0	0	0	0	*	*	*	*	3	3
02:00	9	16	0	0	0	0	0	0	*	*	*	*	*	*	2	4
03:00	13	22	0	0	0	0	0	0	*	*	*	*	*	*	3	6
04:00	22	53	0	0	0	0	0	0	*	*	*	*	*	*	6	13
05:00	54	259	0	0	0	0	0	0	*	*	*	*	*	*	14	65
06:00	115	311	0	0	0	0	0	0	*	*	*	*	*	*	29	78
07:00	1	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
08:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
09:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
10:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
11:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
12:00 PM	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
01:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
02:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
03:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
04:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
05:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
06:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
07:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
08:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
09:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
10:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
11:00	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
Lane	263	697	0	0	0	0	0	0	0	0	0	0	0	0	64	174
Day	960		0		0		0		0		0		0		238	
AM Peak	06:00	06:00	-	-	-	-	-	-	-	-	-	-	-	-	06:00	06:00
Vol.	115	311	-	-	-	-	-	-	-	-	-	-	-	-	29	78
PM Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comb. Total	960	0	0	0	12480	10141	11151	11556
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ADT	ADT 5,157	AADT 4,848
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City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/16/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	52	6	0	1	0	0	1	0	0	0	0	0	0	60
02:00	0	36	3	0	0	0	0	0	1	0	0	0	0	0	40
03:00	0	12	5	0	1	1	0	0	2	0	0	0	1	0	22
04:00	0	18	3	1	1	0	0	0	2	0	0	0	0	0	25
05:00	1	36	10	2	2	0	0	1	4	0	0	0	0	3	59
06:00	2	96	18	8	15	1	1	2	0	0	0	0	0	1	144
07:00	9	158	29	8	19	3	1	1	4	1	0	0	1	27	261
08:00	7	272	72	8	28	5	0	3	2	0	0	0	1	30	428
09:00	8	235	63	10	34	4	2	2	4	0	0	0	0	7	369
10:00	5	245	56	6	11	4	0	8	1	0	0	0	0	8	344
11:00	11	308	64	4	24	5	1	8	0	0	1	0	0	12	438
12 PM	10	430	67	4	12	3	1	4	5	1	0	0	0	31	568
13:00	5	314	53	5	18	3	0	6	7	1	0	0	0	18	430
14:00	12	379	70	5	15	4	1	3	3	0	1	0	0	27	520
15:00	23	470	61	13	19	2	2	1	4	0	0	0	0	30	625
16:00	13	538	84	6	21	2	2	3	0	0	0	0	0	28	697
17:00	14	498	62	5	16	1	3	6	2	0	1	0	0	21	629
18:00	7	369	65	8	8	0	0	1	1	0	0	0	0	18	477
19:00	3	304	46	2	11	1	0	1	2	2	0	0	2	9	383
20:00	5	277	44	2	4	0	1	0	0	0	0	0	0	3	336
21:00	0	172	22	2	3	2	0	0	0	0	0	0	0	0	201
22:00	0	155	17	2	6	0	0	0	1	0	0	0	0	4	185
23:00	1	164	13	2	4	0	0	0	1	0	0	0	0	1	186
Total	136	5538	933	103	273	41	15	51	46	5	3	0	5	278	7427
Percent	1.8%	74.6%	12.6%	1.4%	3.7%	0.6%	0.2%	0.7%	0.6%	0.1%	0.0%	0.0%	0.1%	3.7%	
AM Peak	11:00	11:00	08:00	09:00	09:00	08:00	09:00	10:00	05:00	07:00	11:00		03:00	08:00	
Vol.	11	308	72	10	34	5	2	8	4	1	1		1	30	
PM Peak	15:00	16:00	16:00	15:00	16:00	14:00	17:00	13:00	13:00	19:00	14:00		19:00	12:00	
Vol.	23	538	84	13	21	4	3	6	7	2	1		2	31	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/17/23	0	102	6	2	2	0	0	0	0	0	0	0	0	0	112
01:00	0	37	2	0	0	0	0	0	0	0	0	0	0	0	39
02:00	0	16	5	0	0	0	0	1	0	0	0	0	0	0	22
03:00	0	12	4	0	1	0	0	0	0	0	0	0	0	0	17
04:00	0	13	2	0	2	0	0	0	1	0	0	0	0	0	18
05:00	1	25	3	0	3	0	0	0	0	0	0	0	0	0	32
06:00	1	46	8	2	7	1	0	1	1	0	0	0	0	1	68
07:00	1	75	9	2	10	0	0	0	1	0	0	0	0	2	100
08:00	4	113	24	2	13	1	0	1	1	0	0	0	0	1	160
09:00	5	182	27	3	14	0	0	2	0	0	1	0	0	7	241
10:00	5	296	23	3	7	0	0	2	0	0	0	0	0	11	347
11:00	8	287	36	2	11	2	0	0	0	0	0	0	1	18	365
12 PM	2	286	50	3	12	2	0	1	0	0	0	0	0	8	364
13:00	10	275	44	2	8	3	0	0	0	0	0	0	0	11	353
14:00	3	342	49	4	10	0	0	0	0	0	0	0	0	13	421
15:00	4	312	45	2	7	0	0	0	0	0	0	0	0	2	372
16:00	4	301	43	3	14	0	0	1	2	0	0	0	1	8	377
17:00	6	278	50	3	11	1	0	0	1	0	0	0	0	11	361
18:00	2	257	40	2	9	2	0	2	0	0	0	0	0	11	325
19:00	2	216	27	2	3	0	1	1	0	0	0	0	1	7	260
20:00	3	233	52	3	4	0	0	0	0	0	0	0	0	5	300
21:00	1	140	27	2	6	0	0	0	0	0	0	0	0	6	182
22:00	1	79	9	2	7	0	0	0	0	0	0	0	0	1	99
23:00	0	108	9	3	5	0	0	0	0	0	0	0	0	1	126
Total	63	4031	594	47	166	12	1	12	7	0	1	0	3	124	5061
Percent	1.2%	79.6%	11.7%	0.9%	3.3%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	2.5%	
AM Peak	11:00	10:00	11:00	09:00	09:00	11:00		09:00	04:00		09:00		11:00	11:00	
Vol.	8	296	36	3	14	2		2	1		1		1	18	
PM Peak	13:00	14:00	20:00	14:00	16:00	13:00	19:00	18:00	16:00				16:00	14:00	
Vol.	10	342	52	4	14	3	1	2	2				1	13	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classified	Total
06/18/23	1	47	7	2	3	0	0	0	0	0	0	0	0	0	60
01:00	0	39	7	0	1	0	0	0	0	0	0	0	0	0	47
02:00	0	24	5	0	1	0	0	0	0	0	0	0	0	0	30
03:00	0	14	2	0	0	0	0	0	0	0	0	0	0	0	16
04:00	0	5	1	0	2	0	0	0	1	0	0	0	0	0	9
05:00	0	23	3	0	2	0	0	0	1	0	0	0	0	0	29
06:00	0	35	5	0	1	0	0	0	0	0	0	0	0	0	41
07:00	0	59	11	0	1	0	0	1	0	1	0	0	0	1	74
08:00	0	84	23	0	5	0	0	0	1	0	0	0	0	0	113
09:00	3	125	22	3	3	1	0	0	1	0	0	0	0	3	161
10:00	5	165	56	2	9	1	0	1	2	0	0	0	0	3	244
11:00	2	257	57	6	20	0	1	2	0	0	0	0	1	7	353
12 PM	6	267	46	4	6	1	0	1	0	0	0	0	0	10	341
13:00	7	269	46	2	7	0	0	0	0	0	0	0	0	9	340
14:00	3	256	36	1	11	1	0	1	0	0	0	0	0	8	317
15:00	4	256	44	4	11	0	0	1	2	0	0	0	0	9	331
16:00	4	235	29	3	9	1	0	1	0	0	0	0	0	6	288
17:00	4	273	26	2	17	1	1	2	0	0	0	0	1	8	335
18:00	6	187	35	2	7	2	0	2	0	0	0	0	0	3	244
19:00	3	198	38	1	8	1	0	0	0	0	0	0	1	2	252
20:00	1	172	30	0	5	1	0	0	1	0	0	0	2	2	214
21:00	1	123	20	0	7	0	0	0	0	0	0	0	0	0	151
22:00	0	94	11	0	3	0	0	0	0	0	0	0	0	1	109
23:00	0	45	7	0	0	0	0	0	0	0	0	0	0	0	52
Total	50	3252	567	32	139	10	2	12	9	1	0	0	5	72	4151
Percent	1.2%	78.3%	13.7%	0.8%	3.3%	0.2%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.1%	1.7%	
AM Peak	10:00	11:00	11:00	11:00	11:00	09:00	11:00	11:00	10:00	07:00			11:00	11:00	
Vol.	5	257	57	6	20	1	1	2	2	1			1	7	
PM Peak	13:00	17:00	12:00	12:00	17:00	18:00	17:00	17:00	15:00				20:00	12:00	
Vol.	7	273	46	4	17	2	1	2	2				2	10	

Clair Rd W

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/19/23	0	31	5	0	1	0	0	0	0	0	0	0	0	0	37
01:00	0	14	1	0	0	0	0	0	0	0	0	0	0	0	15
02:00	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
03:00	0	10	3	0	1	0	0	0	0	0	0	0	0	0	14
04:00	0	13	4	1	1	1	0	0	3	0	0	0	0	0	23
05:00	1	49	4	0	0	2	0	0	0	0	0	0	0	0	56
06:00	3	82	12	3	8	1	0	3	2	0	0	0	0	6	120
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	206	31	4	11	4	0	3	5	0	0	0	0	7	275
Percent	1.5%	74.9%	11.3%	1.5%	4.0%	1.5%	0.0%	1.1%	1.8%	0.0%	0.0%	0.0%	0.0%	2.5%	
AM Peak Vol.	06:00	06:00	06:00	06:00	06:00	05:00		06:00	04:00					06:00	
PM Peak Vol.	3	82	12	3	8	2		3	3					6	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/23/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.															
PM Peak Vol.															
Grand Total	253	13027	2125	186	589	67	18	78	67	6	4	0	13	481	16914
Percent	1.5%	77.0%	12.6%	1.1%	3.5%	0.4%	0.1%	0.5%	0.4%	0.0%	0.0%	0.0%	0.1%	2.8%	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/16/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	18	3	0	2	0	0	0	0	0	0	0	0	0	23
02:00	0	13	3	0	4	0	0	0	0	0	0	0	0	0	20
03:00	0	16	3	0	0	0	0	0	0	0	0	0	0	0	19
04:00	0	40	9	0	4	0	0	0	0	0	0	0	0	0	53
05:00	0	213	31	2	15	2	1	0	0	0	0	0	0	1	265
06:00	5	308	44	5	8	2	0	3	3	0	0	0	0	7	385
07:00	14	441	72	10	26	1	0	3	1	0	0	0	2	6	576
08:00	7	521	97	14	30	5	2	9	5	0	1	0	0	19	710
09:00	8	288	75	12	32	7	1	6	1	0	0	0	1	11	442
10:00	10	268	57	10	23	9	1	4	3	0	0	0	0	7	392
11:00	12	319	44	10	19	8	2	5	5	0	0	0	0	9	433
12 PM	5	399	63	4	15	4	2	3	3	0	0	0	0	23	521
13:00	8	314	54	7	28	8	3	5	5	0	0	0	0	13	445
14:00	20	380	54	7	20	5	2	9	7	0	0	1	1	17	523
15:00	5	354	52	12	17	3	4	4	4	0	0	0	1	22	478
16:00	13	331	43	8	14	3	0	1	2	0	0	0	1	22	438
17:00	11	379	54	3	16	2	0	0	1	0	0	0	0	13	479
18:00	8	345	45	3	12	3	0	1	0	0	1	0	0	12	430
19:00	5	265	37	8	5	1	0	3	2	0	0	0	0	5	331
20:00	4	232	30	5	6	1	1	1	1	0	0	0	0	4	285
21:00	2	144	21	4	9	0	0	0	0	0	0	0	0	4	184
22:00	1	107	9	4	1	2	1	0	0	0	0	0	0	1	126
23:00	3	79	7	4	6	0	0	0	1	0	0	0	0	1	101
Total	141	5774	907	132	312	66	20	57	44	0	2	1	6	197	7659
Percent	1.8%	75.4%	11.8%	1.7%	4.1%	0.9%	0.3%	0.7%	0.6%	0.0%	0.0%	0.0%	0.1%	2.6%	
AM Peak	07:00	08:00	08:00	08:00	09:00	10:00	08:00	08:00	08:00		08:00		07:00	08:00	
Vol.	14	521	97	14	32	9	2	9	5		1		2	19	
PM Peak	14:00	12:00	12:00	15:00	13:00	13:00	15:00	14:00	14:00		18:00	14:00	14:00	12:00	
Vol.	20	399	63	12	28	8	4	9	7		1	1	1	23	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/17/23	0	57	7	2	0	0	0	0	0	0	0	0	0	0	66
01:00	0	32	4	0	0	0	0	0	0	0	0	0	0	0	36
02:00	0	15	1	0	0	0	0	0	0	0	0	0	0	0	16
03:00	0	14	3	1	1	0	0	0	0	0	0	0	0	0	19
04:00	0	24	1	0	0	0	0	0	0	0	0	0	0	1	26
05:00	2	103	16	3	3	0	0	0	0	0	0	0	0	0	127
06:00	1	79	12	4	8	1	0	0	0	0	0	0	0	2	107
07:00	2	77	12	4	5	1	0	0	0	0	0	0	0	1	102
08:00	1	183	24	6	11	1	0	0	1	0	0	0	0	2	229
09:00	6	263	44	5	12	1	0	0	2	0	0	0	0	4	337
10:00	4	262	36	2	10	1	0	1	1	0	0	0	0	5	322
11:00	5	288	29	4	8	0	0	2	0	0	0	0	0	6	342
12 PM	9	275	47	4	8	3	1	2	0	0	0	0	0	5	354
13:00	10	261	45	4	11	1	1	0	0	0	0	0	0	3	336
14:00	10	347	44	2	15	2	2	2	2	0	0	0	0	8	434
15:00	8	299	41	4	5	2	0	1	1	1	0	0	0	4	366
16:00	9	267	35	4	7	0	0	0	0	0	0	0	1	8	331
17:00	6	242	40	4	11	3	0	0	0	0	0	0	1	7	314
18:00	3	261	34	4	3	0	0	2	0	0	0	0	1	5	313
19:00	5	208	29	2	7	1	0	2	1	0	0	0	0	1	256
20:00	2	177	26	4	5	0	1	0	0	0	0	0	0	5	220
21:00	1	127	25	4	2	0	0	0	0	0	0	0	0	4	163
22:00	0	84	17	5	4	1	0	0	1	0	0	0	0	2	114
23:00	0	70	11	4	5	0	0	0	0	0	0	0	0	1	91
Total	84	4015	583	76	141	18	5	12	9	1	0	0	3	74	5021
Percent	1.7%	80.0%	11.6%	1.5%	2.8%	0.4%	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	1.5%	
AM Peak	09:00	11:00	09:00	08:00	09:00	06:00		11:00	09:00					11:00	
Vol.	6	288	44	6	12	1		2	2					6	
PM Peak	13:00	14:00	12:00	22:00	14:00	12:00	14:00	12:00	14:00	15:00			16:00	14:00	
Vol.	10	347	47	5	15	3	2	2	2	1			1	8	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/18/23	0	48	6	2	2	0	0	1	0	0	0	0	0	0	59
01:00	0	31	4	0	5	0	0	0	0	0	0	0	0	0	40
02:00	0	21	3	1	1	0	0	0	0	0	0	0	0	0	26
03:00	0	14	4	0	0	0	0	0	0	0	0	0	0	0	18
04:00	0	9	2	0	1	0	0	0	0	0	0	0	0	0	12
05:00	0	41	8	0	1	0	0	0	0	0	0	0	0	0	50
06:00	0	71	9	0	5	0	0	0	0	0	0	0	0	0	85
07:00	1	70	7	0	1	0	0	2	0	0	0	0	0	0	81
08:00	2	133	20	0	0	0	0	0	0	0	0	0	0	1	156
09:00	7	184	31	4	4	0	0	0	0	0	0	0	0	2	232
10:00	7	197	34	4	12	0	0	1	0	0	0	0	0	5	260
11:00	9	234	51	7	21	0	0	0	0	0	0	0	0	3	325
12 PM	8	256	53	4	7	1	0	1	0	0	0	0	0	4	334
13:00	11	269	43	3	12	1	0	1	1	0	0	0	0	8	349
14:00	6	244	35	3	3	2	1	3	1	0	0	0	0	5	303
15:00	3	251	26	3	2	1	1	1	0	0	1	0	0	7	296
16:00	6	218	20	5	6	1	0	0	1	0	0	0	1	3	261
17:00	7	233	27	7	5	1	1	0	1	0	0	0	0	4	286
18:00	6	228	32	4	6	4	0	1	0	0	0	0	0	2	283
19:00	5	180	22	0	13	1	1	0	1	0	0	0	0	4	227
20:00	3	172	30	0	7	1	0	0	1	0	0	0	0	3	217
21:00	8	121	13	0	6	0	0	0	0	0	0	0	0	0	148
22:00	1	88	14	0	2	0	0	0	0	0	0	0	0	2	107
23:00	0	39	5	0	3	0	0	0	0	0	0	0	0	0	47
Total	90	3352	499	47	125	13	4	11	6	0	1	0	1	53	4202
Percent	2.1%	79.8%	11.9%	1.1%	3.0%	0.3%	0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	1.3%	
AM Peak	11:00	11:00	11:00	11:00	11:00			07:00						10:00	
Vol.	9	234	51	7	21			2						5	
PM Peak	13:00	13:00	12:00	17:00	19:00	18:00	14:00	14:00	13:00		15:00		16:00	13:00	
Vol.	11	269	53	7	13	4	1	3	1		1		1	8	

Clair Rd W

WB[illegible]

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/23/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.															
PM Peak Vol.															
Grand Total	321	13685	2114	259	604	100	34	82	62	1	4	1	10	332	17609
Percent	1.8%	77.7%	12.0%	1.5%	3.4%	0.6%	0.2%	0.5%	0.4%	0.0%	0.0%	0.0%	0.1%	1.9%	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/16/23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	70	9	0	3	0	0	1	0	0	0	0	0	0	83
02:00	0	49	6	0	4	0	0	0	1	0	0	0	0	0	60
03:00	0	28	8	0	1	1	0	0	2	0	0	0	1	0	41
04:00	0	58	12	1	5	0	0	0	2	0	0	0	0	0	78
05:00	1	249	41	4	17	2	1	1	4	0	0	0	0	4	324
06:00	7	404	62	13	23	3	1	5	3	0	0	0	0	8	529
07:00	23	599	101	18	45	4	1	4	5	1	0	0	3	33	837
08:00	14	793	169	22	58	10	2	12	7	0	1	0	1	49	1138
09:00	16	523	138	22	66	11	3	8	5	0	0	0	1	18	811
10:00	15	513	113	16	34	13	1	12	4	0	0	0	0	15	736
11:00	23	627	108	14	43	13	3	13	5	0	1	0	0	21	871
12 PM	15	829	130	8	27	7	3	7	8	1	0	0	0	54	1089
13:00	13	628	107	12	46	11	3	11	12	1	0	0	0	31	875
14:00	32	759	124	12	35	9	3	12	10	0	1	1	1	44	1043
15:00	28	824	113	25	36	5	6	5	8	0	0	0	1	52	1103
16:00	26	869	127	14	35	5	2	4	2	0	0	0	1	50	1135
17:00	25	877	116	8	32	3	3	6	3	0	1	0	0	34	1108
18:00	15	714	110	11	20	3	0	2	1	0	1	0	0	30	907
19:00	8	569	83	10	16	2	0	4	4	2	0	0	2	14	714
20:00	9	509	74	7	10	1	2	1	1	0	0	0	0	7	621
21:00	2	316	43	6	12	2	0	0	0	0	0	0	0	4	385
22:00	1	262	26	6	7	2	1	0	1	0	0	0	0	5	311
23:00	4	243	20	6	10	0	0	0	2	0	0	0	0	2	287
Total	277	11312	1840	235	585	107	35	108	90	5	5	1	11	475	15086
Percent	1.8%	75.0%	12.2%	1.6%	3.9%	0.7%	0.2%	0.7%	0.6%	0.0%	0.0%	0.0%	0.1%	3.1%	
AM Peak	07:00	08:00	08:00	08:00	09:00	10:00	09:00	11:00	08:00	07:00	08:00		07:00	08:00	
Vol.	23	793	169	22	66	13	3	13	7	1	1		3	49	
PM Peak	14:00	17:00	12:00	15:00	13:00	13:00	15:00	14:00	13:00	19:00	14:00	14:00	19:00	12:00	
Vol.	32	877	130	25	46	11	6	12	12	2	1	1	2	54	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/17/23	0	159	13	4	2	0	0	0	0	0	0	0	0	0	178
01:00	0	69	6	0	0	0	0	0	0	0	0	0	0	0	75
02:00	0	31	6	0	0	0	0	1	0	0	0	0	0	0	38
03:00	0	26	7	1	2	0	0	0	0	0	0	0	0	0	36
04:00	0	37	3	0	2	0	0	0	1	0	0	0	0	1	44
05:00	3	128	19	3	6	0	0	0	0	0	0	0	0	0	159
06:00	2	125	20	6	15	2	0	1	1	0	0	0	0	3	175
07:00	3	152	21	6	15	1	0	0	1	0	0	0	0	3	202
08:00	5	296	48	8	24	2	0	1	2	0	0	0	0	3	389
09:00	11	445	71	8	26	1	0	2	2	0	1	0	0	11	578
10:00	9	558	59	5	17	1	0	3	1	0	0	0	0	16	669
11:00	13	575	65	6	19	2	0	2	0	0	0	0	1	24	707
12 PM	11	561	97	7	20	5	1	3	0	0	0	0	0	13	718
13:00	20	536	89	6	19	4	1	0	0	0	0	0	0	14	689
14:00	13	689	93	6	25	2	2	2	2	0	0	0	0	21	855
15:00	12	611	86	6	12	2	0	1	1	1	0	0	0	6	738
16:00	13	568	78	7	21	0	0	1	2	0	0	0	2	16	708
17:00	12	520	90	7	22	4	0	0	1	0	0	0	1	18	675
18:00	5	518	74	6	12	2	0	4	0	0	0	0	1	16	638
19:00	7	424	56	4	10	1	1	3	1	0	0	0	1	8	516
20:00	5	410	78	7	9	0	1	0	0	0	0	0	0	10	520
21:00	2	267	52	6	8	0	0	0	0	0	0	0	0	10	345
22:00	1	163	26	7	11	1	0	0	1	0	0	0	0	3	213
23:00	0	178	20	7	10	0	0	0	0	0	0	0	0	2	217
Total	147	8046	1177	123	307	30	6	24	16	1	1	0	6	198	10082
Percent	1.5%	79.8%	11.7%	1.2%	3.0%	0.3%	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	2.0%	
AM Peak	11:00	11:00	09:00	08:00	09:00	06:00		10:00	08:00		09:00		11:00	11:00	
Vol.	13	575	71	8	26	2		3	2		1		1	24	
PM Peak	13:00	14:00	12:00	12:00	14:00	12:00	14:00	18:00	14:00	15:00			16:00	14:00	
Vol.	20	689	97	7	25	5	2	4	2	1			2	21	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/18/23	1	95	13	4	5	0	0	1	0	0	0	0	0	0	119
01:00	0	70	11	0	6	0	0	0	0	0	0	0	0	0	87
02:00	0	45	8	1	2	0	0	0	0	0	0	0	0	0	56
03:00	0	28	6	0	0	0	0	0	0	0	0	0	0	0	34
04:00	0	14	3	0	3	0	0	0	1	0	0	0	0	0	21
05:00	0	64	11	0	3	0	0	0	1	0	0	0	0	0	79
06:00	0	106	14	0	6	0	0	0	0	0	0	0	0	0	126
07:00	1	129	18	0	2	0	0	3	0	1	0	0	0	1	155
08:00	2	217	43	0	5	0	0	0	1	0	0	0	0	1	269
09:00	10	309	53	7	7	1	0	0	1	0	0	0	0	5	393
10:00	12	362	90	6	21	1	0	2	2	0	0	0	0	8	504
11:00	11	491	108	13	41	0	1	2	0	0	0	0	1	10	678
12 PM	14	523	99	8	13	2	0	2	0	0	0	0	0	14	675
13:00	18	538	89	5	19	1	0	1	1	0	0	0	0	17	689
14:00	9	500	71	4	14	3	1	4	1	0	0	0	0	13	620
15:00	7	507	70	7	13	1	1	2	2	0	1	0	0	16	627
16:00	10	453	49	8	15	2	0	1	1	0	0	0	1	9	549
17:00	11	506	53	9	22	2	2	2	1	0	0	0	1	12	621
18:00	12	415	67	6	13	6	0	3	0	0	0	0	0	5	527
19:00	8	378	60	1	21	2	1	0	1	0	0	0	1	6	479
20:00	4	344	60	0	12	2	0	0	2	0	0	0	2	5	431
21:00	9	244	33	0	13	0	0	0	0	0	0	0	0	0	299
22:00	1	182	25	0	5	0	0	0	0	0	0	0	0	3	216
23:00	0	84	12	0	3	0	0	0	0	0	0	0	0	0	99
Total	140	6604	1066	79	264	23	6	23	15	1	1	0	6	125	8353
Percent	1.7%	79.1%	12.8%	0.9%	3.2%	0.3%	0.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.1%	1.5%	
AM Peak	10:00	11:00	11:00	11:00	11:00	09:00	11:00	07:00	10:00	07:00			11:00	11:00	
Vol.	12	491	108	13	41	1	1	3	2	1			1	10	
PM Peak	13:00	13:00	12:00	17:00	17:00	18:00	17:00	14:00	15:00		15:00		20:00	13:00	
Vol.	18	538	99	9	22	6	2	4	2		1		2	17	

Clair Rd W

EB, WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/19/23	0	51	8	0	2	0	0	0	0	0	0	0	0	0	61
01:00	0	25	4	0	0	0	0	0	0	0	0	0	0	0	29
02:00	0	21	4	0	1	0	0	0	0	0	0	0	0	0	26
03:00	0	27	9	0	1	0	0	0	0	0	0	0	0	0	37
04:00	0	55	14	1	1	1	2	0	3	0	1	0	0	0	78
05:00	3	256	50	2	6	3	0	0	3	0	0	0	0	3	326
06:00	7	315	67	5	26	3	3	5	2	0	0	0	0	11	444
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10	750	156	8	37	7	5	5	8	0	1	0	0	15	1002
Percent	1.0%	74.9%	15.6%	0.8%	3.7%	0.7%	0.5%	0.5%	0.8%	0.0%	0.1%	0.0%	0.0%	1.5%	
AM Peak Vol.	06:00	06:00	06:00	06:00	06:00	05:00	06:00	06:00	04:00		04:00			06:00	
PM Peak Vol.	7	315	67	5	26	3	3	5	3		1			11	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
06/23/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.															
PM Peak Vol.															
Grand Total	574	26712	4239	445	1193	167	52	160	129	7	8	1	23	813	34523
Percent	1.7%	77.4%	12.3%	1.3%	3.5%	0.5%	0.2%	0.5%	0.4%	0.0%	0.0%	0.0%	0.1%	2.4%	

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/16/23	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	0	1	1	3	19	18	11	6	1	0	0	60
02:00	0	0	1	1	4	10	11	11	2	0	0	0	40
03:00	0	1	0	2	3	8	6	0	2	0	0	0	22
04:00	0	0	1	1	3	7	3	4	4	2	0	0	25
05:00	3	1	2	4	9	11	16	10	3	0	0	0	59
06:00	2	1	0	6	17	36	42	27	12	1	0	0	144
07:00	31	5	10	9	33	64	66	29	14	0	0	0	261
08:00	35	1	3	17	41	118	155	36	20	1	0	1	427
09:00	10	5	0	8	42	84	129	64	26	1	0	0	369
10:00	11	4	2	9	34	93	129	35	24	1	1	1	343
11:00	17	3	7	36	109	99	112	37	15	2	1	0	438
12 PM	45	24	39	76	108	128	116	24	5	1	0	2	566
13:00	22	5	9	27	67	105	136	41	17	1	0	0	430
14:00	34	5	4	25	83	125	169	51	20	3	0	1	519
15:00	43	5	12	27	86	176	198	47	26	2	0	3	622
16:00	29	1	9	28	74	181	242	87	42	3	0	1	696
17:00	27	2	4	13	62	159	246	82	31	3	0	0	629
18:00	22	1	2	16	66	109	169	58	28	5	1	0	477
19:00	10	2	1	8	33	99	124	67	34	2	3	0	383
20:00	2	2	2	6	37	91	129	44	20	2	1	0	336
21:00	0	1	1	8	28	53	78	19	10	2	0	1	200
22:00	4	1	2	8	31	42	56	28	13	0	0	0	185
23:00	2	2	4	5	25	50	63	25	9	1	0	0	186
Total	349	72	116	341	998	1867	2413	837	383	34	7	10	7417

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB	Start	30	40	45	50	55	60	65	70	80	90	100	
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/17/23	0	0	0	1	15	29	40	15	11	0	1	0	112
01:00	0	1	0	2	1	12	11	6	6	0	0	0	39
02:00	0	0	0	0	1	4	6	4	7	0	0	0	22
03:00	0	1	1	1	4	3	3	1	3	0	0	0	17
04:00	0	0	0	0	1	5	6	4	2	0	0	0	18
05:00	0	2	0	0	4	8	15	0	3	0	0	0	32
06:00	1	2	1	0	5	14	14	16	13	2	0	0	68
07:00	3	4	2	1	10	14	28	24	11	3	0	0	100
08:00	4	2	0	3	17	28	54	30	18	2	1	1	159
09:00	9	3	1	9	20	52	89	35	21	1	0	1	240
10:00	14	3	0	4	16	91	156	48	15	0	0	0	347
11:00	21	4	0	13	36	96	127	46	20	2	0	0	365
12 PM	8	1	3	12	48	88	126	52	24	2	0	0	364
13:00	15	2	4	10	23	71	146	54	25	2	0	1	352
14:00	17	2	2	13	42	98	150	71	23	2	0	1	420
15:00	3	2	0	5	23	75	136	77	48	2	0	1	371
16:00	10	1	7	8	33	72	140	60	38	5	2	1	376
17:00	15	2	0	7	19	64	135	75	39	5	0	0	361
18:00	12	3	6	4	18	53	117	73	36	2	0	1	324
19:00	7	1	2	6	23	59	91	45	23	2	0	1	259
20:00	6	2	1	12	28	73	120	36	22	0	0	0	300
21:00	5	3	6	14	22	49	48	26	9	0	0	0	182
22:00	3	3	2	3	4	17	37	16	14	0	0	0	99
23:00	0	1	2	2	11	29	47	23	9	2	0	0	126
Total	153	45	40	130	424	1104	1842	837	440	34	4	8	5053

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/18/23	0	1	0	2	5	13	22	12	5	0	0	0	60
01:00	1	0	0	2	4	10	23	3	4	0	0	0	47
02:00	0	1	0	0	3	6	11	5	3	1	0	0	30
03:00	0	0	0	0	2	5	5	2	1	1	0	0	16
04:00	0	0	0	0	1	2	4	1	1	0	0	0	9
05:00	0	0	1	0	5	2	10	9	2	0	0	0	29
06:00	0	0	1	2	3	6	13	11	4	1	0	0	41
07:00	1	2	1	1	2	14	29	10	11	3	0	0	74
08:00	0	1	0	4	16	24	43	13	12	0	0	0	113
09:00	3	1	1	5	16	30	64	24	15	2	0	0	161
10:00	4	2	0	2	20	47	93	42	31	3	0	0	244
11:00	8	2	0	4	21	60	124	73	50	9	2	0	353
12 PM	12	2	2	7	19	68	124	67	36	3	1	0	341
13:00	15	4	0	3	30	76	118	64	24	5	1	0	340
14:00	9	0	0	4	33	68	126	51	20	6	0	0	317
15:00	10	2	0	1	18	39	127	75	54	5	0	0	331
16:00	7	0	2	2	7	53	130	48	35	2	0	2	286
17:00	8	2	3	2	27	45	119	83	42	3	0	1	334
18:00	5	5	2	7	11	24	87	58	38	4	2	1	243
19:00	6	3	3	5	12	36	91	60	35	1	0	0	252
20:00	2	0	1	7	11	36	79	48	28	1	1	0	214
21:00	0	1	3	5	13	31	59	26	12	1	0	0	151
22:00	1	1	0	3	9	27	39	16	9	4	0	0	109
23:00	0	0	0	2	4	13	22	7	2	2	0	0	52
Total	92	30	20	70	292	735	1562	808	474	57	7	4	4147

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB

Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/19/23	1	1	0	1	3	5	13	7	6	0	0	0	37
01:00	0	0	0	0	2	2	7	2	1	1	0	0	15
02:00	0	0	0	0	0	3	4	2	0	0	0	0	9
03:00	0	0	0	0	1	4	6	1	1	1	0	0	14
04:00	0	0	1	2	4	4	6	2	3	1	0	0	23
05:00	3	0	1	0	6	8	19	13	3	2	1	0	56
06:00	9	2	3	2	10	18	38	20	15	3	0	0	120
07:00	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	3	5	5	26	44	93	47	29	8	1	0	275

Clair Rd W

EB[illegible]

Clair Rd W

EB[illegible]

Clair Rd W

EB[illegible]

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB	Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/23/23		0	0	0	0	0	0	0	0	0	0	0	0	0
01:00		0	0	0	0	0	0	0	0	0	0	0	0	0
02:00		*	*	*	*	*	*	*	*	*	*	*	*	*
03:00		*	*	*	*	*	*	*	*	*	*	*	*	*
04:00		*	*	*	*	*	*	*	*	*	*	*	*	*
05:00		*	*	*	*	*	*	*	*	*	*	*	*	*
06:00		*	*	*	*	*	*	*	*	*	*	*	*	*
07:00		*	*	*	*	*	*	*	*	*	*	*	*	*
08:00		*	*	*	*	*	*	*	*	*	*	*	*	*
09:00		*	*	*	*	*	*	*	*	*	*	*	*	*
10:00		*	*	*	*	*	*	*	*	*	*	*	*	*
11:00		*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM		*	*	*	*	*	*	*	*	*	*	*	*	*
13:00		*	*	*	*	*	*	*	*	*	*	*	*	*
14:00		*	*	*	*	*	*	*	*	*	*	*	*	*
15:00		*	*	*	*	*	*	*	*	*	*	*	*	*
16:00		*	*	*	*	*	*	*	*	*	*	*	*	*
17:00		*	*	*	*	*	*	*	*	*	*	*	*	*
18:00		*	*	*	*	*	*	*	*	*	*	*	*	*
19:00		*	*	*	*	*	*	*	*	*	*	*	*	*
20:00		*	*	*	*	*	*	*	*	*	*	*	*	*
21:00		*	*	*	*	*	*	*	*	*	*	*	*	*
22:00		*	*	*	*	*	*	*	*	*	*	*	*	*
23:00		*	*	*	*	*	*	*	*	*	*	*	*	*
Total		0	0	0	0	0	0	0	0	0	0	0	0	0

Grand Total	608	150	181	546	1740	3750	5910	2529	1326	133	19	22	16892
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Stats

15th Percentile : 52 KPH
 50th Percentile : 60 KPH
 85th Percentile : 66 KPH
 95th Percentile : 73 KPH

Mean Speed(Average) : 59 KPH
 15 KPH Pace Speed : 55-69 KPH
 Number in Pace : 12189
 Percent in Pace : 72.1%
 Number of Vehicles > 50 KPH : 15081
 Percent of Vehicles > 50 KPH : 89.2%

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB

Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/16/23	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	0	1	3	1	3	7	4	4	0	0	0	23
02:00	0	0	0	0	1	5	7	4	3	0	0	0	20
03:00	0	0	0	1	2	4	4	5	2	1	0	0	19
04:00	0	0	0	0	4	3	19	15	12	0	0	0	53
05:00	2	4	2	6	24	34	86	52	44	9	2	0	265
06:00	7	3	2	9	21	64	138	78	51	7	4	1	384
07:00	8	1	0	11	31	99	219	121	77	8	0	1	575
08:00	20	5	8	6	46	163	280	115	58	8	1	0	710
09:00	11	6	2	6	18	70	158	97	66	6	2	0	442
10:00	9	1	2	6	36	79	142	63	51	2	0	1	391
11:00	9	7	6	9	40	101	158	66	34	3	0	0	433
12 PM	23	1	2	6	46	116	208	80	34	3	2	0	521
13:00	19	8	1	18	40	87	158	74	33	5	2	0	445
14:00	21	4	1	13	44	112	205	85	27	7	4	0	523
15:00	20	2	1	8	47	93	184	77	39	6	0	1	477
16:00	24	7	1	3	22	53	167	92	57	9	2	1	437
17:00	14	3	2	4	26	89	183	98	52	7	1	0	479
18:00	12	6	3	7	28	93	170	65	41	4	1	0	430
19:00	6	1	1	2	19	65	131	65	38	3	0	0	331
20:00	5	0	2	4	23	51	117	42	35	2	1	3	282
21:00	4	0	1	7	30	46	54	27	14	1	0	0	184
22:00	1	1	1	3	14	33	38	21	12	1	1	0	126
23:00	2	4	1	6	10	17	28	25	8	0	0	0	101
Total	217	64	40	138	573	1480	2861	1371	792	92	23	8	7651

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB													
Start	30	40	45	50	55	60	65	70	80	90	100		
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/17/23	0	0	0	4	10	16	19	10	7	0	0	0	66
01:00	0	0	0	2	3	6	17	3	3	2	0	0	36
02:00	0	0	0	0	2	3	4	3	3	0	0	1	15
03:00	1	1	1	0	0	4	9	2	1	0	0	0	19
04:00	1	0	0	2	0	3	13	3	4	0	0	0	26
05:00	0	4	2	2	9	18	34	26	24	5	3	0	127
06:00	2	2	2	2	4	13	25	24	26	6	0	1	106
07:00	1	3	1	3	10	14	28	23	18	1	0	0	102
08:00	3	0	1	2	11	32	88	49	39	4	0	0	229
09:00	6	5	4	10	17	70	114	74	34	2	1	0	337
10:00	7	0	0	5	16	49	119	87	34	5	0	0	322
11:00	10	1	0	4	22	61	142	70	30	2	0	0	342
12 PM	7	3	5	4	20	71	134	78	29	3	0	0	354
13:00	5	0	1	5	9	59	131	75	45	6	0	0	336
14:00	11	3	0	15	26	85	188	67	35	4	0	0	434
15:00	6	2	6	9	32	67	134	60	46	4	0	0	366
16:00	8	5	0	4	21	58	118	63	42	7	2	3	328
17:00	8	2	0	5	16	51	112	66	50	3	1	0	314
18:00	6	2	0	2	16	54	128	58	41	5	1	0	313
19:00	1	0	2	4	20	42	101	45	33	6	2	0	256
20:00	6	2	1	4	27	46	74	34	21	3	1	1	219
21:00	4	1	1	8	19	43	50	21	11	3	1	1	162
22:00	5	2	2	0	15	26	35	17	10	2	0	0	114
23:00	1	2	0	2	6	24	29	18	6	1	2	0	91
Total	99	40	29	98	331	915	1846	976	592	74	14	7	5014

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB													
Start	30	40	45	50	55	60	65	70	80	90	100		
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/18/23	0	1	2	2	5	11	26	5	7	0	0	0	59
01:00	1	0	0	2	2	5	18	8	3	1	0	0	40
02:00	0	2	1	1	0	8	9	1	4	0	0	0	26
03:00	0	0	0	0	1	3	11	2	1	0	0	0	18
04:00	0	0	0	1	0	2	4	4	1	0	0	0	12
05:00	0	3	1	2	2	7	20	3	8	3	1	0	50
06:00	0	2	4	2	4	25	26	14	6	2	0	0	85
07:00	0	1	2	1	7	16	30	17	6	1	0	0	81
08:00	3	0	1	6	25	34	49	25	13	0	0	0	156
09:00	2	2	0	5	14	54	93	31	27	3	0	1	231
10:00	5	4	1	2	14	36	89	67	39	2	1	0	260
11:00	6	2	1	0	14	36	106	74	74	10	1	1	324
12 PM	4	2	2	4	24	32	133	85	43	4	0	1	333
13:00	7	4	2	7	14	56	138	71	46	4	0	0	349
14:00	5	1	0	5	20	53	113	66	38	0	2	0	303
15:00	7	2	1	4	14	37	130	64	34	3	0	0	296
16:00	2	2	1	9	10	51	88	60	33	4	0	1	260
17:00	6	6	0	1	13	33	119	62	41	4	1	0	286
18:00	4	3	1	4	15	51	89	63	47	4	2	0	283
19:00	6	1	2	2	10	43	78	54	27	3	1	0	227
20:00	4	0	0	4	9	45	79	41	31	3	1	0	217
21:00	0	1	3	4	22	24	55	23	12	4	0	0	148
22:00	2	0	1	3	10	28	34	22	7	0	0	0	107
23:00	1	0	0	2	4	7	19	6	6	2	0	0	47
Total	65	39	26	73	253	697	1556	868	554	57	10	4	4198

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB													
Start	30	40	45	50	55	60	65	70	80	90	100		
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/19/23	0	2	0	0	0	10	5	4	3	0	0	0	24
01:00	0	0	0	0	2	3	6	1	2	0	0	0	14
02:00	0	0	0	0	2	1	6	3	5	0	0	0	17
03:00	0	0	0	1	1	4	9	3	5	0	0	0	23
04:00	0	0	0	0	2	7	17	15	13	0	1	0	55
05:00	4	1	2	5	7	45	99	53	43	8	2	1	269
06:00	5	4	2	6	7	44	118	59	62	11	4	2	322
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9	7	4	12	21	114	260	138	133	19	7	3	724

Clair Rd W

WB[illegible]

Clair Rd W

WB[illegible]

Clair Rd W

WB[illegible]

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

WB	Start	30	40	45	50	55	60	65	70	80	90	100	
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/23/23	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Grand Total	390	150	99	321	1178	3206	6523	3353	2071	242	54	22	17587
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Stats

15th Percentile : 54 KPH
50th Percentile : 61 KPH
85th Percentile : 68 KPH
95th Percentile : 76 KPH

Mean Speed(Average) : 62 KPH
15 KPH Pace Speed : 55-69 KPH
Number in Pace : 13082
Percent in Pace : 74.3%
Number of Vehicles > 50 KPH : 16413
Percent of Vehicles > 50 KPH : 93.2%

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB

Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/16/23	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	0	0	2	4	4	22	25	15	10	1	0	0	83
02:00	0	0	1	1	5	15	18	15	5	0	0	0	60
03:00	0	1	0	3	5	12	10	5	4	1	0	0	41
04:00	0	0	1	1	7	10	22	19	16	2	0	0	78
05:00	5	5	4	10	33	45	102	62	47	9	2	0	324
06:00	9	4	2	15	38	100	180	105	63	8	4	1	528
07:00	39	6	10	20	64	163	285	150	91	8	0	1	836
08:00	55	6	11	23	87	281	435	151	78	9	1	1	1137
09:00	21	11	2	14	60	154	287	161	92	7	2	0	811
10:00	20	5	4	15	70	172	271	98	75	3	1	2	734
11:00	26	10	13	45	149	200	270	103	49	5	1	0	871
12 PM	68	25	41	82	154	244	324	104	39	4	2	2	1087
13:00	41	13	10	45	107	192	294	115	50	6	2	0	875
14:00	55	9	5	38	127	237	374	136	47	10	4	1	1042
15:00	63	7	13	35	133	269	382	124	65	8	0	4	1099
16:00	53	8	10	31	96	234	409	179	99	12	2	2	1133
17:00	41	5	6	17	88	248	429	180	83	10	1	0	1108
18:00	34	7	5	23	94	202	339	123	69	9	2	0	907
19:00	16	3	2	10	52	164	255	132	72	5	3	0	714
20:00	7	2	4	10	60	142	246	86	55	4	2	3	618
21:00	4	1	2	15	58	99	132	46	24	3	0	1	384
22:00	5	2	3	11	45	75	94	49	25	1	1	0	311
23:00	4	6	5	11	35	67	91	50	17	1	0	0	287
Total	566	136	156	479	1571	3347	5274	2208	1175	126	30	18	15068

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB													
Start	30	40	45	50	55	60	65	70	80	90	100		
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/17/23	0	0	0	5	25	45	59	25	18	0	1	0	178
01:00	0	1	0	4	4	18	28	9	9	2	0	0	75
02:00	0	0	0	0	3	7	10	7	10	0	0	1	37
03:00	1	2	2	1	4	7	12	3	4	0	0	0	36
04:00	1	0	0	2	1	8	19	7	6	0	0	0	44
05:00	0	6	2	2	13	26	49	26	27	5	3	0	159
06:00	3	4	3	2	9	27	39	40	39	8	0	1	174
07:00	4	7	3	4	20	28	56	47	29	4	0	0	202
08:00	7	2	1	5	28	60	142	79	57	6	1	1	388
09:00	15	8	5	19	37	122	203	109	55	3	1	1	577
10:00	21	3	0	9	32	140	275	135	49	5	0	0	669
11:00	31	5	0	17	58	157	269	116	50	4	0	0	707
12 PM	15	4	8	16	68	159	260	130	53	5	0	0	718
13:00	20	2	5	15	32	130	277	129	70	8	0	1	688
14:00	28	5	2	28	68	183	338	138	58	6	0	1	854
15:00	9	4	6	14	55	142	270	137	94	6	0	1	737
16:00	18	6	7	12	54	130	258	123	80	12	4	4	704
17:00	23	4	0	12	35	115	247	141	89	8	1	0	675
18:00	18	5	6	6	34	107	245	131	77	7	1	1	637
19:00	8	1	4	10	43	101	192	90	56	8	2	1	515
20:00	12	4	2	16	55	119	194	70	43	3	1	1	519
21:00	9	4	7	22	41	92	98	47	20	3	1	1	344
22:00	8	5	4	3	19	43	72	33	24	2	0	0	213
23:00	1	3	2	4	17	53	76	41	15	3	2	0	217
Total	252	85	69	228	755	2019	3688	1813	1032	108	18	15	10067

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB													
Start	30	40	45	50	55	60	65	70	80	90	100		
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/18/23	0	2	2	4	10	24	48	17	12	0	0	0	119
01:00	2	0	0	4	6	15	41	11	7	1	0	0	87
02:00	0	3	1	1	3	14	20	6	7	1	0	0	56
03:00	0	0	0	0	3	8	16	4	2	1	0	0	34
04:00	0	0	0	1	1	4	8	5	2	0	0	0	21
05:00	0	3	2	2	7	9	30	12	10	3	1	0	79
06:00	0	2	5	4	7	31	39	25	10	3	0	0	126
07:00	1	3	3	2	9	30	59	27	17	4	0	0	155
08:00	3	1	1	10	41	58	92	38	25	0	0	0	269
09:00	5	3	1	10	30	84	157	55	42	5	0	1	392
10:00	9	6	1	4	34	83	182	109	70	5	1	0	504
11:00	14	4	1	4	35	96	230	147	124	19	3	1	677
12 PM	16	4	4	11	43	100	257	152	79	7	1	1	674
13:00	22	8	2	10	44	132	256	135	70	9	1	0	689
14:00	14	1	0	9	53	121	239	117	58	6	2	0	620
15:00	17	4	1	5	32	76	257	139	88	8	0	0	627
16:00	9	2	3	11	17	104	218	108	68	6	0	3	546
17:00	14	8	3	3	40	78	238	145	83	7	1	1	620
18:00	9	8	3	11	26	75	176	121	85	8	4	1	526
19:00	12	4	5	7	22	79	169	114	62	4	1	0	479
20:00	6	0	1	11	20	81	158	89	59	4	2	0	431
21:00	0	2	6	9	35	55	114	49	24	5	0	0	299
22:00	3	1	1	6	19	55	73	38	16	4	0	0	216
23:00	1	0	0	4	8	20	41	13	8	4	0	0	99
Total	157	69	46	143	545	1432	3118	1676	1028	114	17	8	8345

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB

Start Time	29	30 39	40 44	45 49	50 54	55 59	60 64	65 69	70 79	80 89	90 99	100 9999	Total
06/19/23	1	3	0	1	3	15	18	11	9	0	0	0	61
01:00	0	0	0	0	4	5	13	3	3	1	0	0	29
02:00	0	0	0	0	2	4	10	5	5	0	0	0	26
03:00	0	0	0	1	2	8	15	4	6	1	0	0	37
04:00	0	0	1	2	6	11	23	17	16	1	1	0	78
05:00	7	1	3	5	13	53	118	66	46	10	3	1	325
06:00	14	6	5	8	17	62	156	79	77	14	4	2	442
07:00	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	10	9	17	47	158	353	185	162	27	8	3	999

Clair Rd W

EB, WB[illegible]

Clair Rd W

EB, WB[illegible]

Clair Rd W

EB, WB[illegible]

City of Guelph

Transportation Services

Site Code:

Clair Rd W
btwn Clairfields Dr and Gosling Gardens

EB, WB													
Start		30	40	45	50	55	60	65	70	80	90	100	
Time	29	39	44	49	54	59	64	69	79	89	99	9999	Total
06/23/23	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Grand Total	998	300	280	867	2918	6956	12433	5882	3397	375	73	44	34479
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Stats

15th Percentile : 53 KPH
 50th Percentile : 60 KPH
 85th Percentile : 67 KPH
 95th Percentile : 75 KPH

Mean Speed(Average) : 60 KPH
 15 KPH Pace Speed : 55-69 KPH
 Number in Pace : 25271
 Percent in Pace : 73.2%
 Number of Vehicles > 50 KPH : 31494
 Percent of Vehicles > 50 KPH : 91.2%

South Poppy Lands ENVIRONMENTAL NOISE ASSESSMENT

Guelph, Ontario

Project Number:

Date:

Design By:

File:

Future

48696-500

February 12, 2026

MPW

Q:\48696\500\Noise Assessment - South Poppy Lands\48696-500 - Traffic and Setback Calculations - Revised Volumes.xlsx



Future Traffic Volumes (2031)

Projected future traffic volumes (PM Peak) for the year 2031 are taken from BA Group, Clair-Maltby Secondary Plan, Transportation Master Plan Study (Feb. 2021).

FIGURE 26.1 - FUTURE TOTAL TRAFFIC VOLUMES							Converted
Street No.	Street	Direction	PM Peak	Direction	PM Peak	Combined	AADT
S1	Clair Road West	Eastbound	1,490	Westbound	964	2,454	24,540
S2	Gordon Street	Northbound	1,469	Southbound	1,515	2,984	29,840

FIGURE 26.2 - FUTURE TOTAL TRAFFIC VOLUMES							Converted
Street No.	Street	Direction	PM Peak	Direction	PM Peak	Combined	AADT
S3	Future Street A	Northbound	460	Southbound	605	1,065	10,650
S4	Poppy Drive	Westbound	157	Eastbound	141	298	2,980

Assumed distribution of truck traffic for Clair Road West and Gordon Street is taken from current ADT data received for City for Clair Road West between Clairfields Drive and Gosling Gardens (June 16, 2023 to June 19, 2023). Street A and Poppy Drive West are assumed at typical 2% truck traffic volumes.

% Med. Trucks: 6.4%

% Med. Trucks: 2.0%

% Hea. Trucks: 4.6%

% Hea. Trucks: 2.0%

ASSUMED TRAFFIC DATA						Speed Limit	Road
Street No.	Street	Cars	Med. Trucks	Heavy Trucks	Total	(km/hr)	Gradient (%)
S1	Clair Road West	21,841	1,571	1,129	24,540	60	1.5
S2	Gordon Street	26,558	1,910	1,373	29,840	70	3.0
S3	Future Street A	10,224	213	213	10,650	60	2.0
S4	Poppy Drive	2,861	60	60	2,980	40	0.6

ASSUMED TRAFFIC DATA		Daytime (90%)				Nighttime (10%)			
Street No.	Street	Cars	Med. Trucks	Heavy Trucks	Total	Cars	Med. Trucks	Heavy Trucks	Total
S1	Clair Road West	19,657	1,414	1,016	22,086	2,184	157	113	2,454
S2	Gordon Street	23,902	1,719	1,235	26,856	2,656	191	137	2,984
S3	Future Street A	9,202	192	192	9,585	1,022	21	21	1,065
S4	Poppy Drive	2,575	54	54	2,682	286	6	6	298

Appendix C

STAMSON Output Files

STAMSON 5.0 NORMAL REPORT Date: 12-02-2026 09:47:44
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s155din.te Time Period: Day/Night 16/8 hours
Description: CLAIR ROAD WEST - 55/50DBA INDOOR

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

Car traffic volume : 19657/2184 veh/TimePeriod
Medium truck volume : 1414/157 veh/TimePeriod
Heavy truck volume : 1016/113 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 144.54 / 115.41 m
Receiver height : 4.50 / 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.46 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	71.76	0.00	-15.46	-1.30	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.46 m

ROAD (0.00 + 50.00 + 0.00) = 50.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	65.23	0.00	-13.92	-1.30	0.00	0.00	0.00	50.00

Segment Leq : 50.00 dBA

Total Leq All Segments: 50.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 50.00

STAMSON 5.0 NORMAL REPORT Date: 12-02-2026 09:50:23
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s155dout.te Time Period: Day/Night 16/8 hours
Description: CLAIR ROAD WEST - 55DBA OUTDOOR

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

Car traffic volume : 19657/2184 veh/TimePeriod
Medium truck volume : 1414/157 veh/TimePeriod
Heavy truck volume : 1016/113 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 125.36 / 101.32 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.46 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	71.76	0.00	-15.31	-1.46	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.46 m

ROAD (0.00 + 50.00 + 0.00) = 50.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	65.23	0.00	-13.77	-1.46	0.00	0.00	0.00	50.00

Segment Leq : 50.00 dBA

Total Leq All Segments: 50.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 50.00

STAMSON 5.0 NORMAL REPORT Date: 12-02-2026 09:54:12
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s255din.te Time Period: Day/Night 16/8 hours
Description: GORDON STREET - 55/50DBA INDOOR

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

Car traffic volume : 23902/2656 veh/TimePeriod
Medium truck volume : 1719/191 veh/TimePeriod
Heavy truck volume : 1235/137 veh/TimePeriod
Posted speed limit : 70 km/h
Road gradient : 3 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 214.87 / 171.54 m
Receiver height : 4.50 / 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.46 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	74.47	0.00	-18.16	-1.30	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.46 m

ROAD (0.00 + 50.00 + 0.00) = 50.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	67.93	0.00	-16.63	-1.30	0.00	0.00	0.00	50.00

Segment Leq : 50.00 dBA

Total Leq All Segments: 50.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 50.00

STAMSON 5.0 NORMAL REPORT Date: 12-02-2026 09:57:33
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s255dout.te Time Period: Day/Night 16/8 hours
Description: GORDON STREET - 55DBA OUTDOOR

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

Car traffic volume : 23902/2656 veh/TimePeriod
Medium truck volume : 1719/191 veh/TimePeriod
Heavy truck volume : 1235/137 veh/TimePeriod
Posted speed limit : 70 km/h
Road gradient : 3 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 182.43 / 147.38 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.46 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	74.47	0.00	-18.01	-1.46	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.46 m

ROAD (0.00 + 50.00 + 0.00) = 50.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	67.93	0.00	-16.47	-1.46	0.00	0.00	0.00	50.00

Segment Leq : 50.00 dBA

Total Leq All Segments: 50.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 50.00

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 14:54:33
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s355din.te Time Period: Day/Night 16/8 hours
Description: FUTURE STREET A - 55/50DBA INDOOR

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

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 61.59 / 48.98 m
Receiver height : 4.50 / 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	66.01	0.00	-9.69	-1.32	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.19 m

ROAD (0.00 + 50.00 + 0.00) = 50.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	59.43	0.00	-8.12	-1.32	0.00	0.00	0.00	50.00

Segment Leq : 50.00 dBA

Total Leq All Segments: 50.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 50.00

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 14:55:35
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s355dout.te Time Period: Day/Night 16/8 hours
Description: FUTURE STREET A - 55DBA OUTDOOR

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

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 56.44 / 48.98 m
Receiver height : 1.50 / 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	66.01	0.00	-9.55	-1.46	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.19 m

ROAD (0.00 + 50.00 + 0.00) = 50.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	59.43	0.00	-8.12	-1.32	0.00	0.00	0.00	50.00

Segment Leq : 50.00 dBA

Total Leq All Segments: 50.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 50.00

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 14:56:44
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s360dout.te Time Period: Day/Night 16/8 hours
Description: FUTURE STREET A - 60DBA OUTDOOR

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

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 28.20 / 22.67 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 60.00 + 0.00) = 60.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	66.01	0.00	-4.55	-1.46	0.00	0.00	0.00	60.00

Segment Leq : 60.00 dBA

Total Leq All Segments: 60.00 dBA

Results segment # 1: (night)

Source height = 1.19 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	59.43	0.00	-2.98	-1.46	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 60.00
(NIGHT): 55.00

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 14:58:10
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s365din.te Time Period: Day/Night 16/8 hours
Description: FUTURE STREET A - 65/60DBA INDOOR

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

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 15.00 / 15.00 m
Receiver height : 4.50 / 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 64.69 + 0.00) = 64.69 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	66.01	0.00	0.00	-1.32	0.00	0.00	0.00	64.69

Segment Leq : 64.69 dBA

Total Leq All Segments: 64.69 dBA

Results segment # 1: (night)

Source height = 1.19 m

ROAD (0.00 + 58.11 + 0.00) = 58.11 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	59.43	0.00	0.00	-1.32	0.00	0.00	0.00	58.11

Segment Leq : 58.11 dBA

Total Leq All Segments: 58.11 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 64.69
(NIGHT): 58.11

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 15:00:56
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s455din.te Time Period: Day/Night 16/8 hours
Description: POPPY DRIVE - 55/50DBA INDOOR

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

Car traffic volume : 2575/308 veh/TimePeriod
Medium truck volume : 54/7 veh/TimePeriod
Heavy truck volume : 54/7 veh/TimePeriod
Posted speed limit : 40 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 15.12 / 15.00 m
Receiver height : 4.50 / 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 55.00 + 0.00) = 55.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	56.37	0.00	-0.05	-1.32	0.00	0.00	0.00	55.00

Segment Leq : 55.00 dBA

Total Leq All Segments: 55.00 dBA

Results segment # 1: (night)

Source height = 1.21 m

ROAD (0.00 + 49.09 + 0.00) = 49.09 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.58	50.40	0.00	0.00	-1.32	0.00	0.00	0.00	49.09

Segment Leq : 49.09 dBA

Total Leq All Segments: 49.09 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.00
(NIGHT): 49.09

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 15:01:33
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: s455dout.te Time Period: Day/Night 16/8 hours
Description: POPPY DRIVE - 55DBA OUTDOOR

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

Car traffic volume : 2575/308 veh/TimePeriod
Medium truck volume : 54/7 veh/TimePeriod
Heavy truck volume : 54/7 veh/TimePeriod
Posted speed limit : 40 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 15.00 / 15.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 54.92 + 0.00) = 54.92 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	56.37	0.00	0.00	-1.46	0.00	0.00	0.00	54.92

Segment Leq : 54.92 dBA

Total Leq All Segments: 54.92 dBA

Results segment # 1: (night)

Source height = 1.21 m

ROAD (0.00 + 48.95 + 0.00) = 48.95 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	50.40	0.00	0.00	-1.46	0.00	0.00	0.00	48.95

Segment Leq : 48.95 dBA

Total Leq All Segments: 48.95 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 54.92
(NIGHT): 48.95

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 15:33:25
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: olalun.te Time Period: Day/Night 16/8 hours
Description: OLA1 - UNATTENUATED

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

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 32.38 / 32.38 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: (day)

Source height = 1.19 m

ROAD (0.00 + 59.00 + 0.00) = 59.00 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	66.01	0.00	-5.55	-1.46	0.00	0.00	0.00	59.00

Segment Leq : 59.00 dBA

Total Leq All Segments: 59.00 dBA

Results segment # 1: (night)

Source height = 1.19 m

ROAD (0.00 + 52.43 + 0.00) = 52.43 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.66	59.43	0.00	-5.55	-1.46	0.00	0.00	0.00	52.43

Segment Leq : 52.43 dBA

Total Leq All Segments: 52.43 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 59.00
(NIGHT): 52.43

STAMSON 5.0 NORMAL REPORT Date: 17-02-2026 15:35:34
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: olalat.te Time Period: Day/Night 16/8 hours
Description: OLA1 - ATTENUATED

Road data, segment # 1: REAR YARD (day/night)

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: REAR YARD (day/night)

Angle1 Angle2 : -90.00 deg 28.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 32.38 / 32.38 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 28.00 deg
Barrier height : 0.00 m
Barrier receiver distance : 1.00 / 1.00 m
Source elevation : 343.65 m
Receiver elevation : 343.82 m
Barrier elevation : 343.82 m
Reference angle : 0.00

Road data, segment # 2: HOUSE (day/night)

Car traffic volume : 9202/1022 veh/TimePeriod
Medium truck volume : 192/21 veh/TimePeriod
Heavy truck volume : 192/21 veh/TimePeriod
Posted speed limit : 60 km/h
Road gradient : 2 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: HOUSE (day/night)

Angle1 Angle2 : 28.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 32.38 / 32.38 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : 28.00 deg Angle2 : 90.00 deg
Barrier height : 6.00 m
Barrier receiver distance : 3.00 / 3.00 m
Source elevation : 343.65 m
Receiver elevation : 343.82 m
Barrier elevation : 343.82 m
Reference angle : 0.00

Results segment # 1: REAR YARD (day)

Source height = 1.19 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.19	1.50	1.49	345.31

ROAD (0.00 + 57.53 + 0.00) = 57.53 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	28	0.66	66.01	0.00	-5.55	-2.93	0.00	0.00	-0.08	57.45*
-90	28	0.66	66.01	0.00	-5.55	-2.93	0.00	0.00	0.00	57.53

* Bright Zone !

Segment Leq : 57.53 dBA

Results segment # 2: HOUSE (day)

Source height = 1.19 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.19	1.50	1.46	345.28

ROAD (0.00 + 40.05 + 0.00) = 40.05 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
28	90	0.31	66.01	0.00	-4.38	-5.80	0.00	0.00	-15.79	40.05

Segment Leq : 40.05 dBA

Total Leq All Segments: 57.61 dBA

Results segment # 1: REAR YARD (night)

Source height = 1.19 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.19	1.50	1.49	345.31

ROAD (0.00 + 50.95 + 0.00) = 50.95 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	28	0.66	59.43	0.00	-5.55	-2.93	0.00	0.00	-0.08	50.87*
-90	28	0.66	59.43	0.00	-5.55	-2.93	0.00	0.00	0.00	50.95

* Bright Zone !

Segment Leq : 50.95 dBA

Results segment # 2: HOUSE (night)

Source height = 1.19 m

Barrier height for grazing incidence

Source Height (m)	Receiver Height (m)	Barrier Height (m)	Elevation of Barrier Top (m)
1.19	1.50	1.46	345.28

ROAD (0.00 + 33.47 + 0.00) = 33.47 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
28	90	0.31	59.43	0.00	-4.38	-5.80	0.00	0.00	-15.79	33.47

Segment Leq : 33.47 dBA

Total Leq All Segments: 51.03 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 57.61
(NIGHT): 51.03

South Poppy Lands ENVIRONMENTAL NOISE ASSESSMENT

Guelph, Ontario

Project Number:

Date:

Design By:

File:

48696-500

February 17, 2026

MPW

Q:\48696\500\Noise Assessment - South Poppy Lands\48696-500 - Traffic and Setback Calculations - Revised Volumes.xlsx



Hand Calculation of Setbacks

$$I_2 = I_1 - 10 \log (D_2/D_1) \text{ [dBA]}$$

where; I_1 = sound level, in dBA, of initial calculation at distance D_1

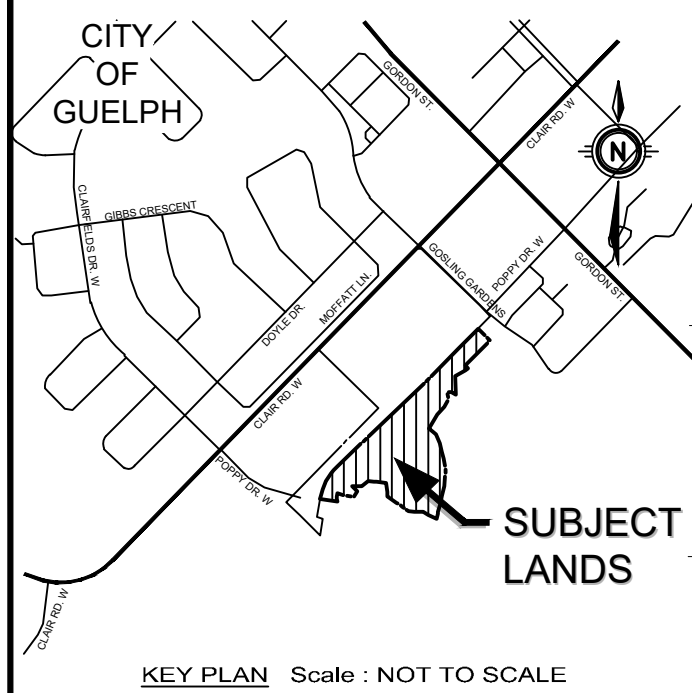
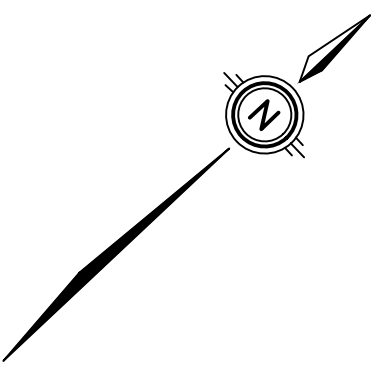
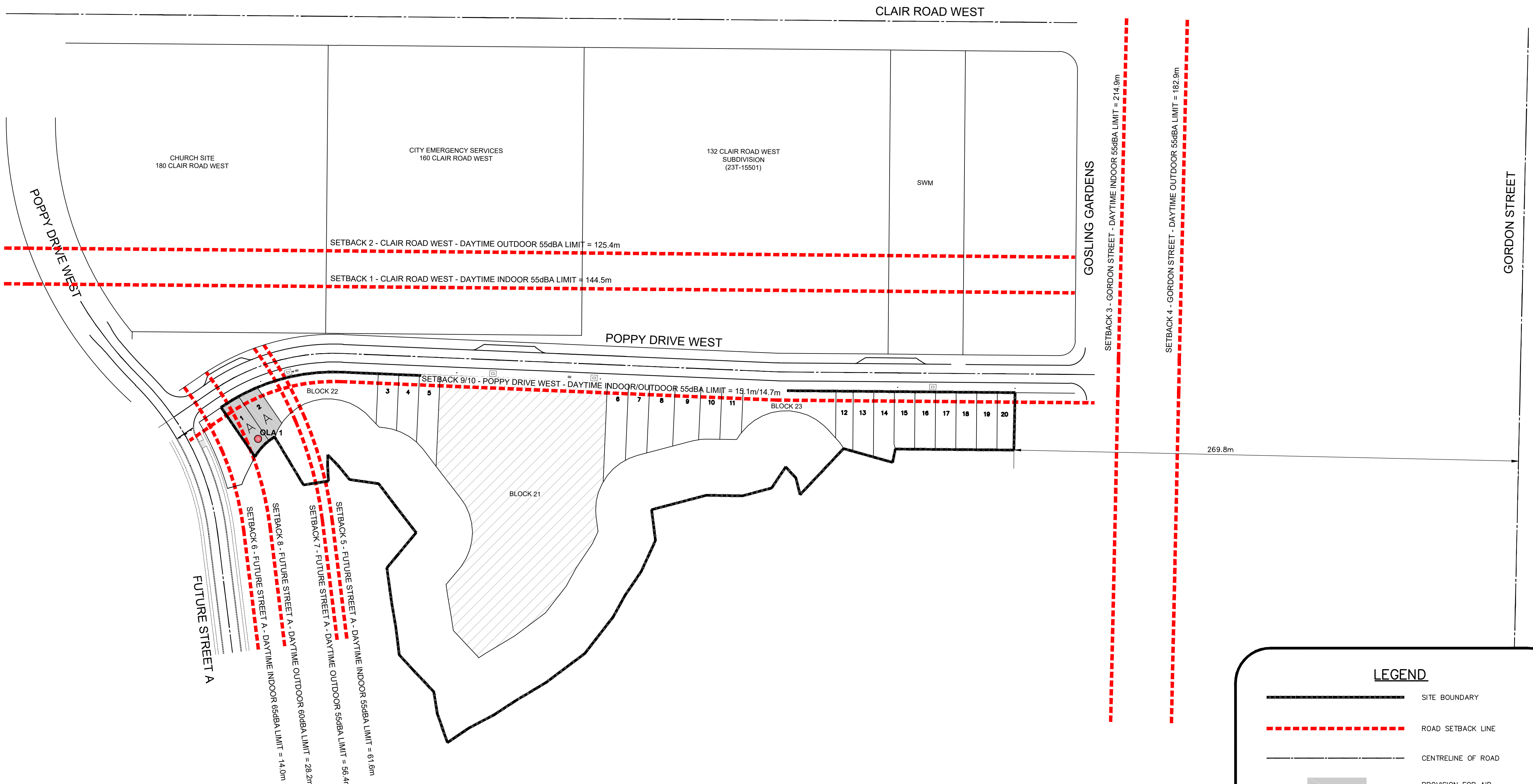
I_2 = sound level, in dBA, of initial calculation at distance D_2

D_1 = resulting distance beyond D_2 where noise intensity I_2 is achieved

D_2 = distance of initial noise intensity (I_2) calculation (15m for the minimum distance calculable by Stamson)

Setback No.	Street	Setback	I_1	I_2	D_2	D_1
6	Future Street A	Daytime - Indoor Setback (65 dBA)	65.00	64.69	15.00	13.97
6	Future Street A	Nighttime - Indoor Setback (60 dBA)	60.00	58.11	15.00	9.71
9	Poppy Drive	Nighttime - Indoor Setback (50 dBA)	50.00	49.09	15.00	12.16
10	Poppy Drive	Daytime - Outdoor Setback (55 dBA)	55.00	54.92	15.00	14.73

Drawings



LEGEND

ALL DIMENSIONS AND ELEVATIONS ARE IN METRES
UNLESS OTHERWISE NOTED.
PIPE SIZES ARE IN MILLIMETRES.

The position of existing above ground and underground utilities and facilities are not necessarily shown on the drawings, and where shown, the accuracy of the position of such utilities and facilities is not guaranteed. Before starting work, the contractor shall confirm the exact location of all existing utilities and facilities, and shall assume all liability for damage to them. Drawings shall not be used for construction unless sealed. All work to be performed in accordance with the Occupational Health & Safety Act 1990.

GENERAL NOTES

1. SITE BENCHMARKS - ELEVATIONS ARE BASED ON CITY OF GUELPH BENCHMARKS.
E891 - BENCHMARK ON TRAFFIC CONTROL BASE ON NW CORNER OF CLAIR ROAD AND GORDON STREET
ELEV = 340.350

2. TOPOGRAPHICAL INFORMATION SURVEYED BY MTE CONSULTANT INC. DATED APRIL 2021.

3. LEGAL PLAN PROVIDED BY VAN HARTEN SURVEYING INC. PROJECT No. 21167-15 DATED JUN 11/21.

No.	DATE	DESCRIPTION	BY:	CHKD.
3	26.07.09	RE-ISSUED FOR DPA	D.F.H.	V.A.L.
2	26.03.09	RE-ISSUED FOR DPA	D.F.H.	V.A.L.
1	25.06.20	ISSUED FOR DRAFT PLAN APPROVAL	D.F.H.	V.A.L.

SCHEDULE OF REVISIONS

CITY OF Guelph
Making a Difference

ENGINEERING DEPARTMENT

NOISE ASSESSMENT PLAN

MATTAMY HOMES LIMITED
SOUTH POPPY LANDS

DESIGNED BY: M.P.W.	APPROVED BY: V.A.L.
------------------------	------------------------



MTE PROJECT No. 48696-500	CHECKED BY: M.P.W.
SCALE: 1:1250	CONTRACT No.
DATE DRAWN: May 13, 2025	DRAWING No. NA1.1
DRAWN BY: A.X.L.	

LEGEND

—

SITE BOUNDARY

ROAD SETBACK LINE

—

CENTRELINE OF ROAD

PROVISION FOR AIR CONDITIONING & A TYPE C NOISE WARNING CLAUSE

NOISE ASSESSMENT TO BE COMPLETED AS PART OF SITE PLAN APPROVAL PROCESS

B

NOISE BARRIER REQUIREMENT ANALYSIS & A TYPE B NOISE WARNING CLAUSE

A

A TYPE A NOISE WARNING CLAUSE

OLA 1

OUTDOOR LIVING AREA (OLA)