

TRAFFIC IMPACT ASSESSMENT

SPICER'S BAKERY, RAMPARTS CAR PARK AND ANDY BRENNAN
PARK PROJECT

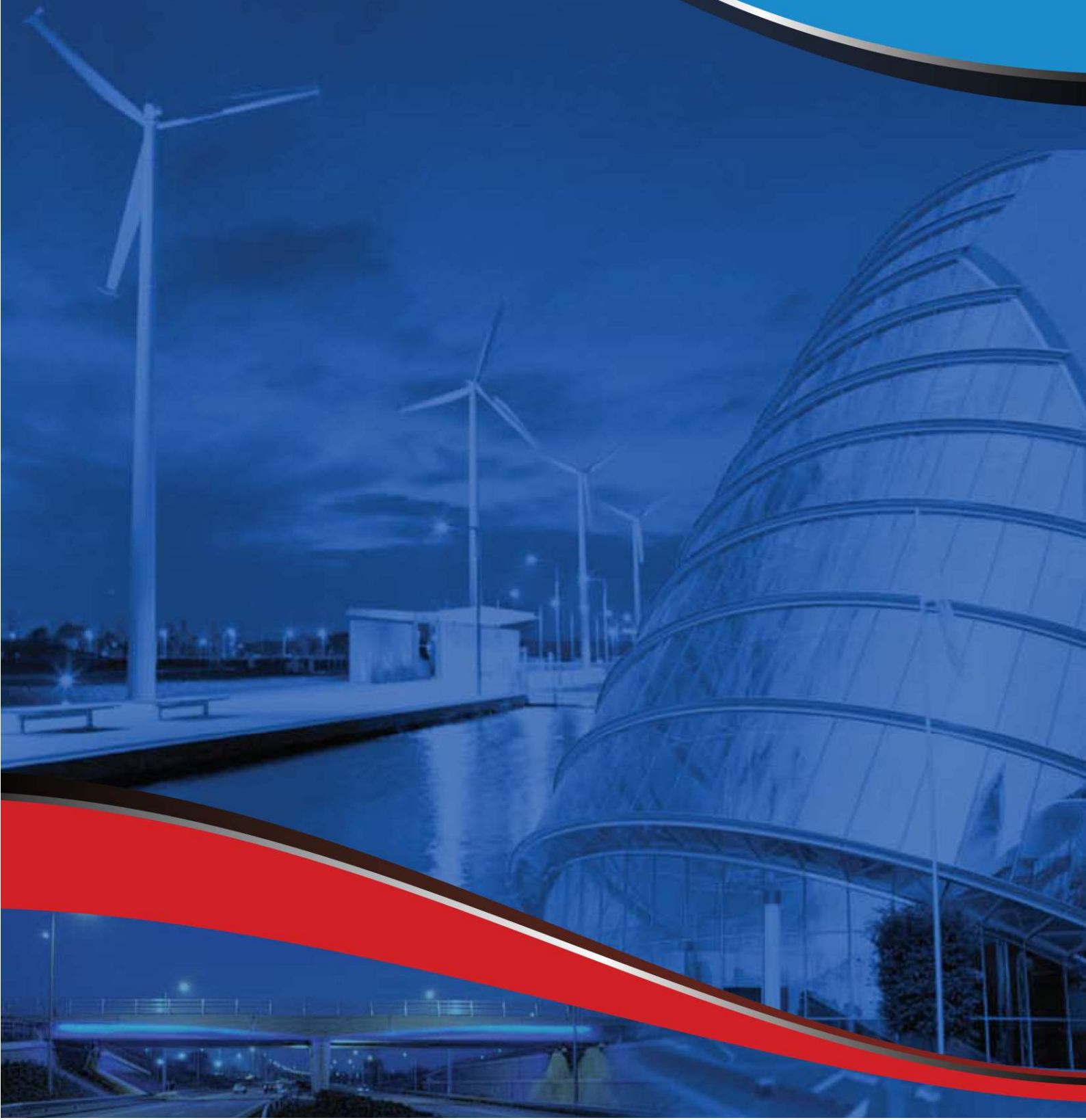
Meath County Council
P340
20 December 2022



OCSC

O'CONNOR | SUTTON | CRONIN

Multidisciplinary
Consulting Engineers



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DOCUMENT CONTROL & HISTORY

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1 INTRODUCTION

APPOINTMENT

O'Connor Sutton Cronin & Associates (OCSC) have been appointed by Meath County Council to prepare this Traffic Impact Assessment concerning the development of the Athlumney Lands (Spicer's Mill) located in Navan, County Meath.

STUDY AREA

The proposed development is located primarily in the jurisdiction of the Meath County Council (MCC). The exact location of the development can be seen in the figure below.

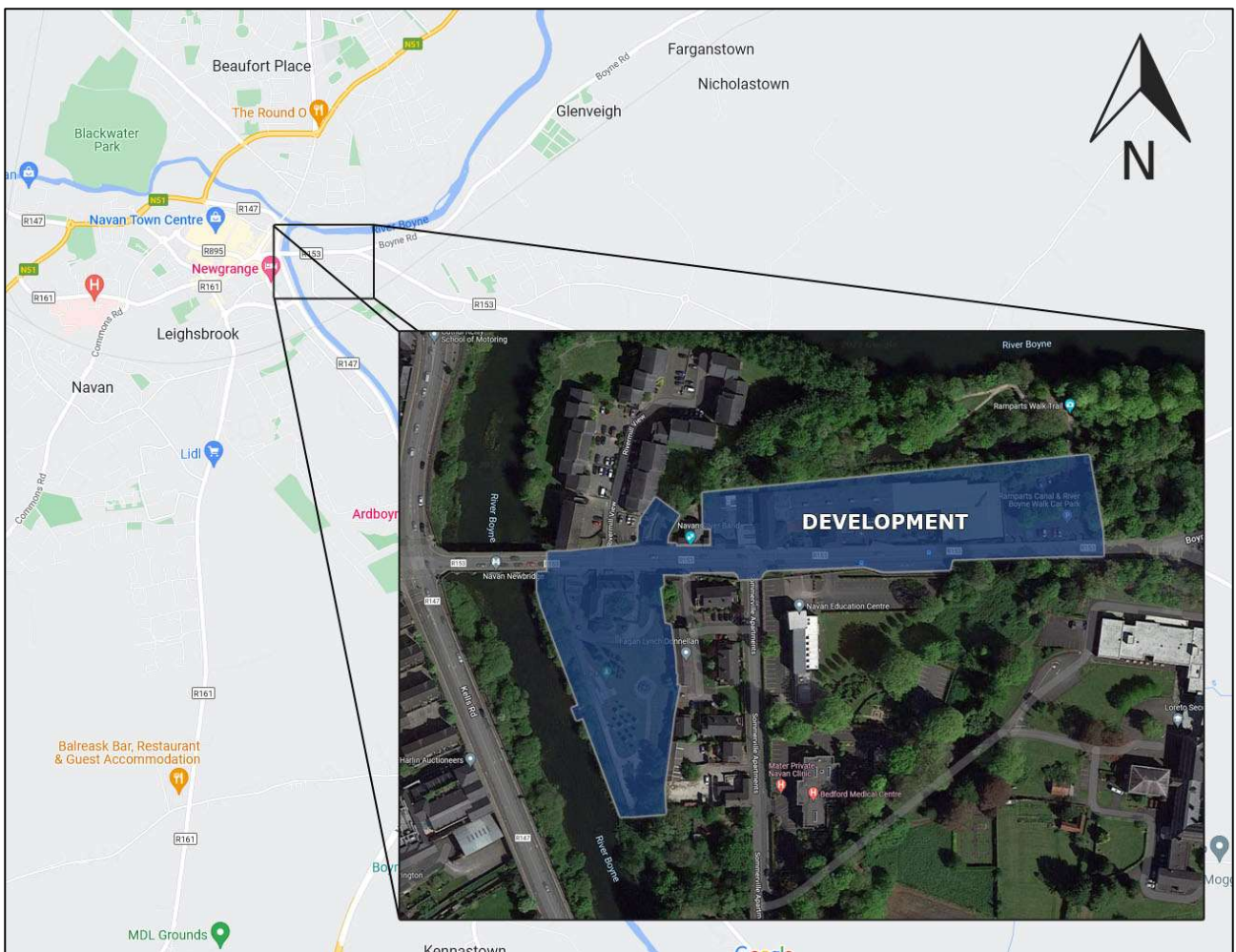


Figure 1: Development Locality Plan

In carrying out the above, this assessment has given due consideration to the relevant guidelines including:

- *Traffic & Transport Assessment Guidelines (2014)* as published by the former National Roads Authority (NRA) now Transport Infrastructure Ireland (TII);
- *Guidelines for Traffic Impact Assessment (1997)* as published by the Chartered Institute of Highways & Transportation;
- *Meath County Development Plan 2021 – 2027*.

2 BACKGROUND TRAFFIC VOLUMES

Background traffic volumes are based on junction surveys conducted at several locations in the study area. The exact locations of these junctions are highlighted in the figure below.



Figure 2: Surveyed Junctions

Details of these junction surveys used for this development are shown in the table overleaf:

No	Junction	Source	Survey Date	Survey Times
1	R147/Watergate Street/Pollboy Bridge	NDC	29/11/2022	07:00 to 19:00
2	R147/Timmons Hill/R153	NDC	29/11/2022	07:00 to 19:00
3	R153/Sommerville Apts	NDC	29/11/2022	07:00 to 19:00
4	R153/Boyne Road	NDC	29/11/2022	07:00 to 19:00

Table 1: Junction Survey Details

An eight-fold classification system was used which recorded cars, taxis, light goods vehicles, two classes of heavy goods vehicles, public service vehicles, motorcycles, and bicycles.

Junction surveys also include queue length surveys which recorded the maximum queue lengths observed on a per-lane basis at each approach of each junction over 15-minute intervals.

A full copy of the results of all traffic surveys can be found in *Appendix A*, attached to this report.

The recorded flows during the above peak hours, and across the course of an average day are shown in the following:

- Diagram 1: 2022 A.M. Peak Hour Base Flows (08:00 – 09:00);
- Diagram 2: 2022 P.M. Peak Hour Base Flows (17:00 – 18:00);

These diagrams, and all others referenced in this text, can be found in *Appendix B*, attached to this report. Any apparent discrepancy in flows between sites may be attributed to vehicles accessing developments and minor roads between surveyed junctions.

3 THE RECEIVING ENVIRONMENT

The receiving environment is urban in nature. The existing primary artery through the study area is the R153 which is an 8.5 km long regional road located in central County Meath. The road connects Navan with Balrath. The access to the development will be via existing access on the R153.

Outside of the study area, development-generated traffic will dissipate considerably and so is expected to have a negligible impact on the operation of the wider network. While there is substantial variation in the type of traffic travelling on the links locally, during the peak travel hours, they would primarily be expected to carry commuter traffic.

As noted earlier, base traffic levels have been surveyed on the local network during 2022. By combining these base flows with the traffic generation estimates for the proposed development, the following peaks were identified:

- A.M. Peak Hour: 08:00 – 09:00;
- P.M. Peak Hour: 17:00 – 18:00.

4 CHARACTERISTICS OF THE DEVELOPMENT

DEVELOPMENT & SITE OVERVIEW

The site is currently brownfield with several buildings on-site, including the Original Spicer’s Mill/Bakery workspaces which is a protected structure. The proposed site plan can be seen in the figure below:

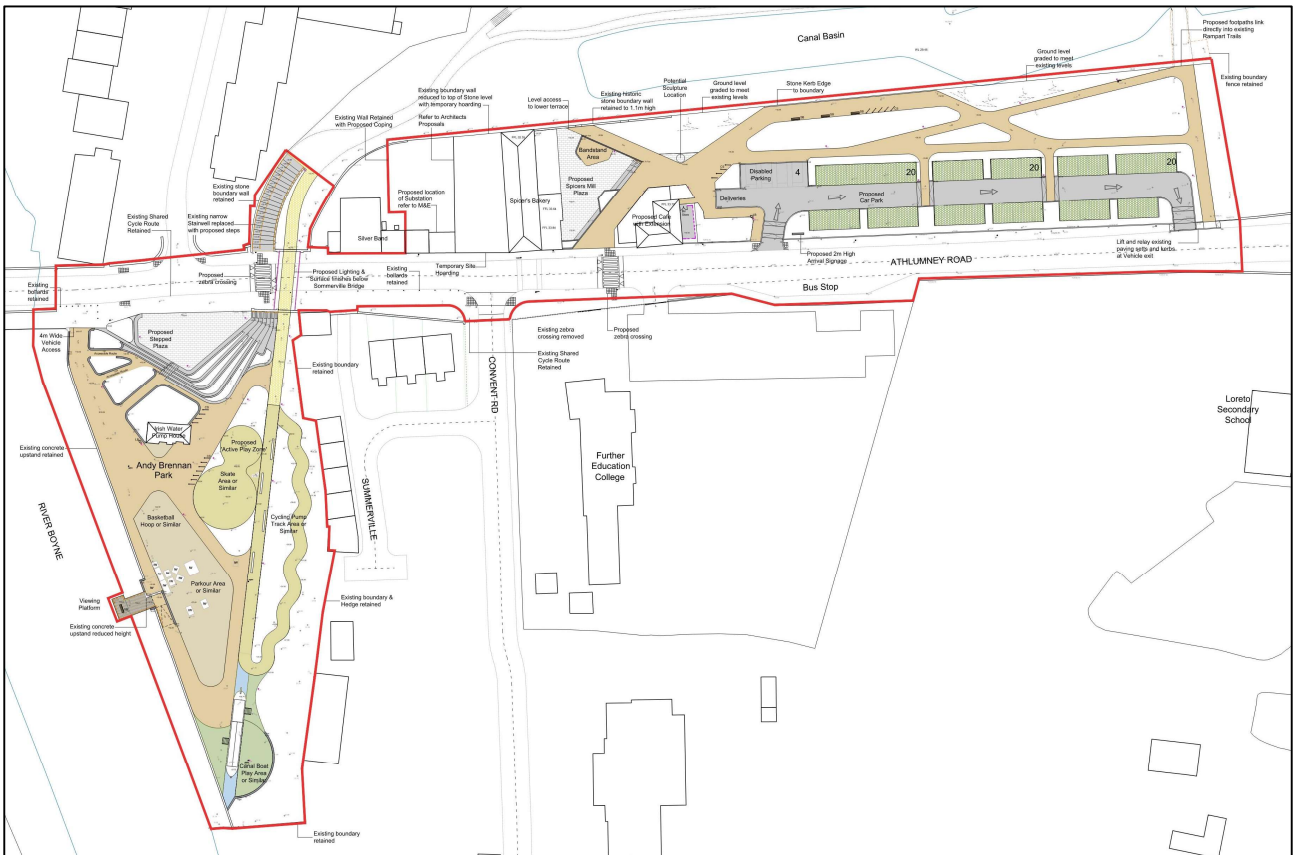


Figure 3: Proposed Site Layout

Two buildings are proposed to be kept on-site and refurbished. The main warehouse/shed structure covering the majority of the site will be demolished, and an extension to the existing car park will be constructed in this area. The works on the remaining extent of the site will mainly comprise landscaping. The planned works to the site can be seen in the figure overleaf.

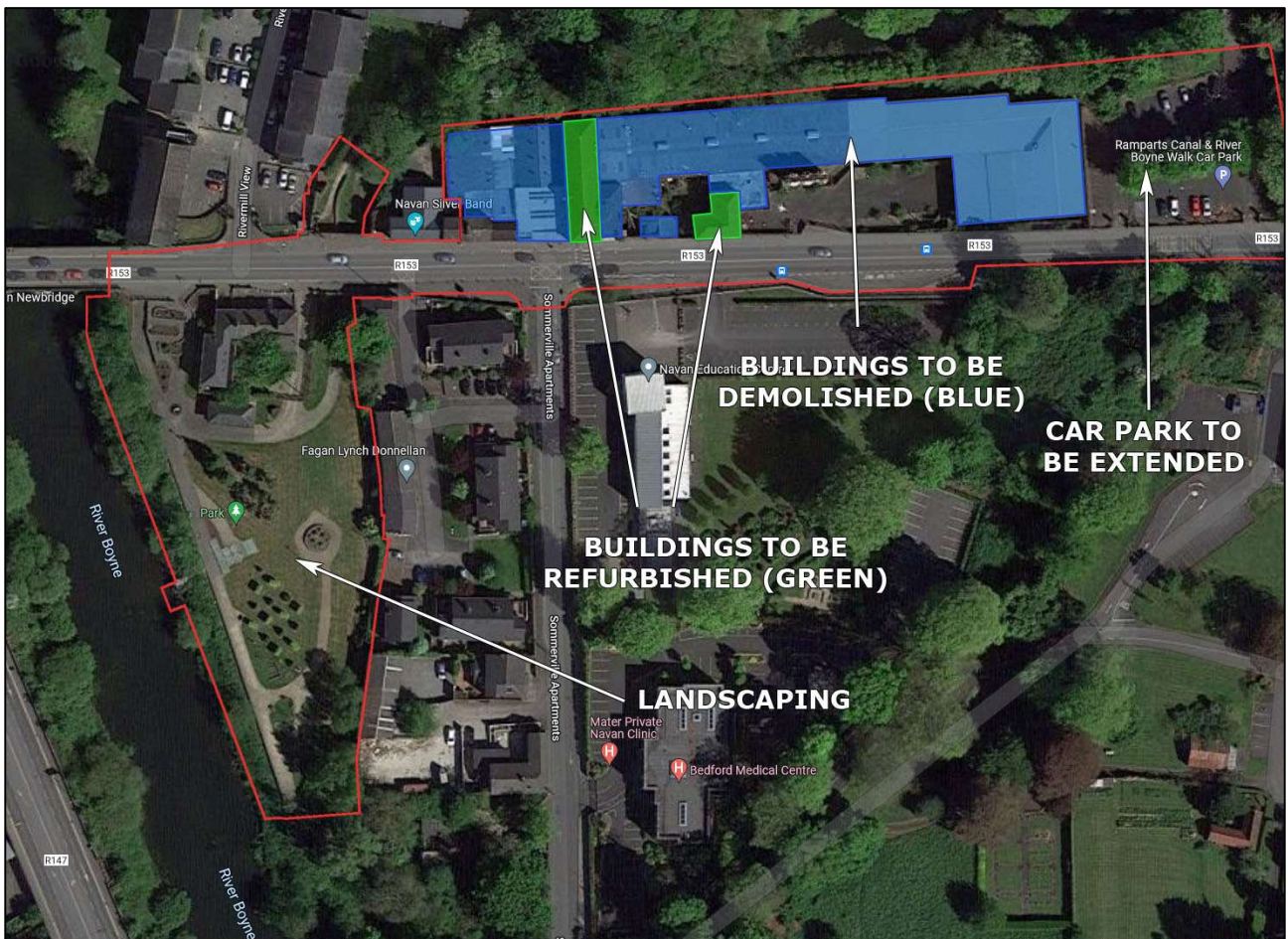


Figure 4: Planned Site Works

Swept path analyses were carried out on the proposed accesses to the site. These can be seen in the following drawings submitted separately:

- P340-OCSC-XX-XX-SK-C-0010
- P340-OCSC-XX-XX-SK-C-0011

The proposed development will provide the following car and bicycle parking spaces:

- 60 no. car parking spaces;
- 4 no. disabled bay spaces;
- 20 no. bicycle stands comprising:
 - 11 no. stands at Andy Brennan Park;
 - 9 no. stands at Spicer’s Bakery/car park.

TRIP GENERATION

The proposed development is a leisure facility which will mostly generate trips outside of peak hours and over weekends.

The main driving factor for the number of potential trips generated is the proposed number of car parking spaces. From survey data, it was determined that the current development provides for a total of 53 no. car parking spaces, including one disabled bay.

The current proposed development includes a total of 60 no. car parking spaces, including the provision of 4 no. disabled bays. This means that the proposal will provide an additional 11 no. car parking spaces as compared to the existing development.

It can therefore be concluded that the proposed development can generate a maximum of 11 additional vehicle trips on the local road network during peak hours. This is a very conservative assumption as it is highly unlikely that the additional parking will be fully utilised during peak hours, especially considering the previous statement that the proposed development is a leisure facility which generally generates its highest trips outside of peak hours.

To highlight the conservative nature of this assessment methodology, the survey data was investigated. The access to the parking area is between Junctions 3 and 4. The following table shows the vehicles leaving and arriving at these respective junctions during the morning peak:

Direction	From	To	Volume Difference
Eastbound	Junction 3	Junction 4	10
	324	314	
Westbound	Junction 4	Junction 3	-2
	291	293	

Table 2: AM Peak Parking Generation

From the above table, it can be concluded that during the survey period, through the morning peak period a total of 10 vehicles entered the parking while a total of 2 vehicles left the parking. This means the parking generated a total of 12 vehicles. There are a total of 53 no. car parking spaces which mean that utilisation during the morning was approximately 23%. A similar exercise was conducted for the afternoon peak:

Direction	From	To	Volume Difference
Eastbound	Junction 3	Junction 4	-6
	541	547	
Westbound	Junction 4	Junction 3	10
	289	279	

Table 3: PM Peak Parking Generation

From the above table, it can again be concluded that during the survey period, through the afternoon peak period a total of 10 vehicles entered the parking while a total of 6 vehicles left the parking. This means the parking generated a total of 16 vehicles with the utilisation of approximately 30%.

Applying these calculated utilisation percentages to the previously stated 11 no. additional car parking spaces yield the following:

- Approximate trips generated during the morning peak: 3 vehicles
- Approximate trips generated during the afternoon peak: 4 vehicles

Thus, assuming a 100% utilisation during peak hours for a total trip generation of 11 vehicles is considered very conservative and should provide an absolute worst-case scenario.

5 POTENTIAL IMPACT OF DEVELOPMENT CONSTRUCTION

Relative to the operation stage, the construction period will be temporary. Construction traffic is expected to consist of the following categories:

- Private vehicles owned and driven by site construction staff and by full-time site supervisory staff and occasional professional supervisory staff i.e. design team members and supervisory staff from utility companies;
- Materials delivery and removal vehicles.

It is difficult to assess the exact quantum of traffic that will be generated during the construction period as it will vary throughout the construction process as different activities have different associated transportation needs. However, the following points are noted concerning construction traffic:

- In general, the construction day will begin and end outside of peak travel hours. As a result, the majority of workers travelling to and from the site will arrive before the a.m. peak hour and depart after the p.m. peak hour;
- On-site parking will be provided for use by critical staff only with the remainder of staff encouraged to travel by the numerous public transport options serving the locality;
- Adequate on-site compounding will be provided to prevent any potential overflow onto the local transport network;
- The potential for construction staff to be brought to the site in vans/minibuses will be investigated;
- Excavation and materials delivery vehicles travelling to and from the site will be spread across the course of the working day meaning the number of HGVs travelling during the peak hours will be relatively low.

Overall it is expected that the level of traffic generated by the construction works will be less than that generated by the operational phase of the development during the peak traffic hours. As a result, a detailed analysis of this stage has not been deemed necessary and the impact is considered to be negligible.

It is noted that an Outline Construction Management Plan has been prepared and submitted as part of this planning application. However, it is expected that a Construction Management Plan

will be submitted by the contractor to the Local Authority for agreement before the commencement of construction, giving details on the following:

- Daily and weekly working hours;
- Agreed haul routes for incoming materials;
- Licensed hauliers to be used;
- Disposal sites;
- Travel arrangements for construction personnel;
- Appropriate on-site parking arrangements for construction personnel to prevent overspill parking on the local road network;
- Temporary construction entrances are to be provided;
- Wheel wash facilities if required;
- Road cleaning and sweeping measures to be put in place if required;
- Temporary construction signage is to be put in place and maintained;
- Any proposed traffic management measures such as temporary traffic lights and signage on any public roads.

6 POTENTIAL IMPACT OF DEVELOPMENT OPERATION

Section 11.2.1 of the *Meath County Development Plan 2021 – 2027* specifies the County's requirements in terms of traffic and transport assessments. It states that:

"Traffic and Transport Assessments (TTA), Road Safety Audits (RSA) and Road Safety Impact Assessments are required to accompany planning applications for major developments with significant potential to generate traffic and or which could create a significant hazard or safety performance impact on a major road, particularly national roads. When preparing the TTA regard should be had to the provision of the 'Design Manual for Urban Roads and Streets and the 'Traffic Management Guidelines, 2012'. Where a Transport and Traffic Assessment identifies necessary on and off-site improvements for the development to be able to proceed, the developer will be required to fund the improvements by entering into a formal agreement with the Council.

The requirement for a TTA is at the discretion of the Council but the following thresholds can be used for guidance purposes only:

- *Traffic to and from the proposed development exceeds 10% of the traffic flow on the adjoining road;*
- *Traffic to and from the proposed development exceeds 5% of the traffic flow on the adjoining road where congestion exists;*
- *Residential development in excess of 100 dwellings (Applications for 100 or more dwellings are decided by An Bord Pleanála as an SHD);*
- *Retail and leisure development in excess of 1,000 sq.m;*
- *Industrial development in excess of 5,000 sq.m, and; and*
- *Distribution and warehousing in excess of 10,000 sq.m.*

This is in line with The Traffic and Transport Assessment Guidelines (TII - May 2014), Table 2.1 which specifies certain Traffic Management Guidelines Thresholds for Transport Assessments.

From the above, of particular interest are Thresholds 1 and 2. These specify at which point junctions need to be analysed. From interrogating the queue length surveys, it was determined that Junctions 1, 3, and 4 do not experience congestion and as such, threshold 1 can be used for these. Junction 2 does experience some congestion, especially on the eastern approach. This means that threshold 2 applies to this junction only.

To determine which junctions, require detailed analysis, the development trips projected to be added to each junction were compared to the base year volumes obtained through the surveys at that junction and expressed as a percentage figure. This is shown in the table below:

	Criteria	AM			PM			Requires Analysis
		2022 DN	Dev Trips	% Impact	2022 DN	Dev Trips	% Impact	
Junction 1	10%	1651	5	0.32%	2002	6	0.28%	No
Junction 2	5%	1907	9	0.45%	1903	9	0.47%	No
Junction 3	10%	873	9	1.05%	926	9	1.02%	No
Junction 4	10%	677	2	0.27%	903	2	0.17%	No

Table 4: Junction Impact

From the above table, it is evident that the percentage impact on Junctions 1, 3, and 4 is well below the 10% threshold, while the percentage impact on Junction 2 is also well below the 5% threshold. Based on this, none of the surveyed junctions requires detailed analysis as the impact of the proposed development on these junctions can be considered to be negligible.

It should again be stressed that the methodology used for the trip generation for this development is very conservative and it is highly likely that the figures shown above will be significantly lower in reality. The cited figures represent a worst-case scenario.

Using the previously calculated utilisation based on survey data yields the following junction impacts:

	Criteria	AM			PM			Requires Analysis
		2022 DN	Dev Trips	% Impact	2022 DN	Dev Trips	% Impact	
Junction 1	10%	1651	1	0.09%	2002	2	0.10%	No
Junction 2	5%	1907	2	0.12%	1903	3	0.17%	No
Junction 3	10%	873	3	0.29%	926	3	0.37%	No
Junction 4	10%	677	0	0.07%	903	1	0.06%	No

Table 5: Junction Impact Based on Surveys

As can be seen in the above table, should the less conservative approach be used using this calculated utilisation to determine the generated trips, the percentage impact is very low and further highlights the negligible impact of the development on the junctions and local road network.

7 REMEDIAL/MITIGATION MEASURES

Using a worst-case scenario trip generation volume, the percentage impact on the surveyed junctions is still below the thresholds TII and the Meath County Development Plan specify for detailed junction analysis.

This means that the impact of the development on the local road network can be considered to be negligible and no remedial or mitigation measures are needed.

8 MONITORING

While it has been demonstrated that the proposed development can be accommodated on the current road infrastructure, it is nevertheless recommended that the local area should be monitored in terms of transportation efficiencies in the future.

9 VERIFICATION

This report was compiled and verified by:

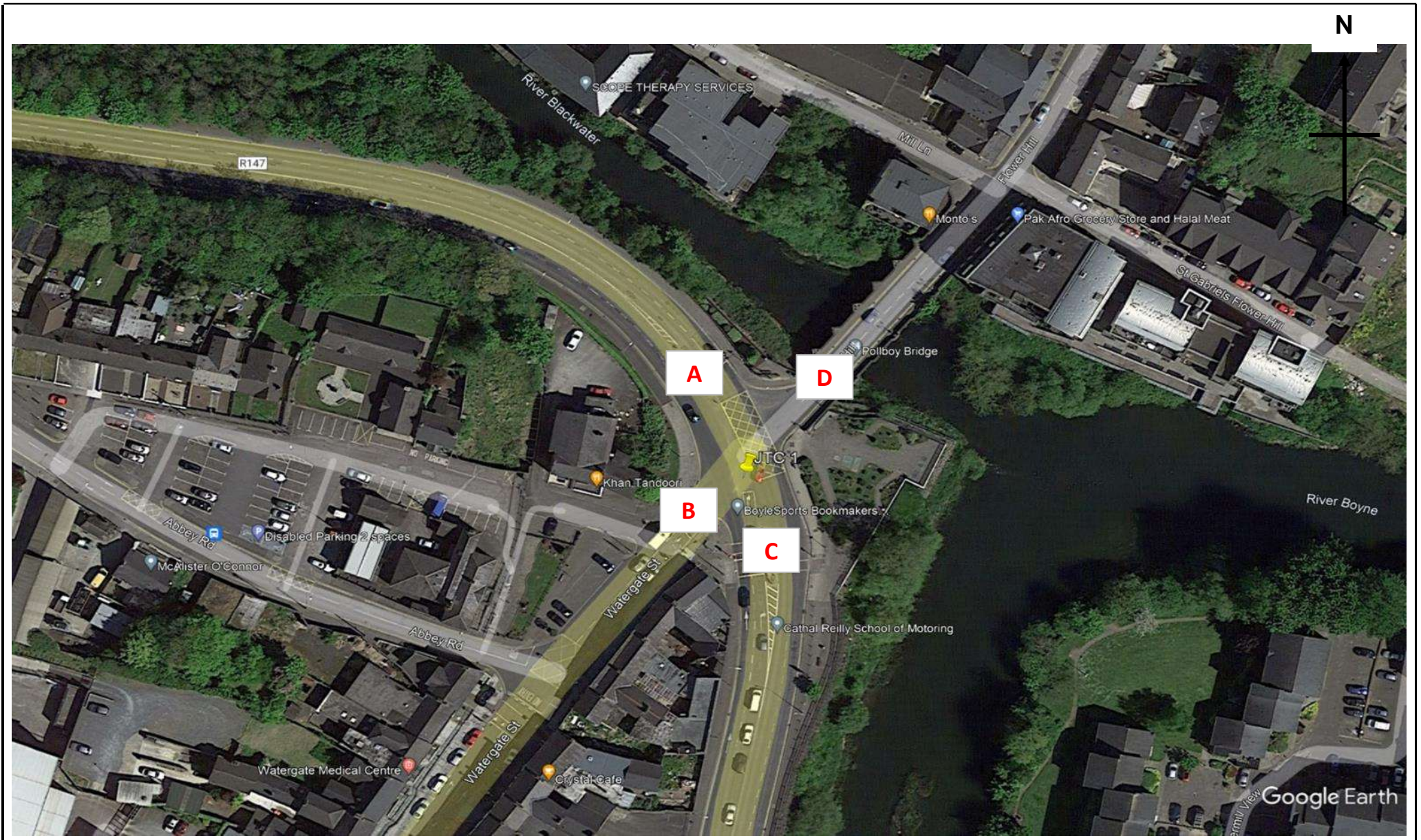
Wian Marais BE (US), BE (Hons) (UP), Professional Engineer (ECSA)

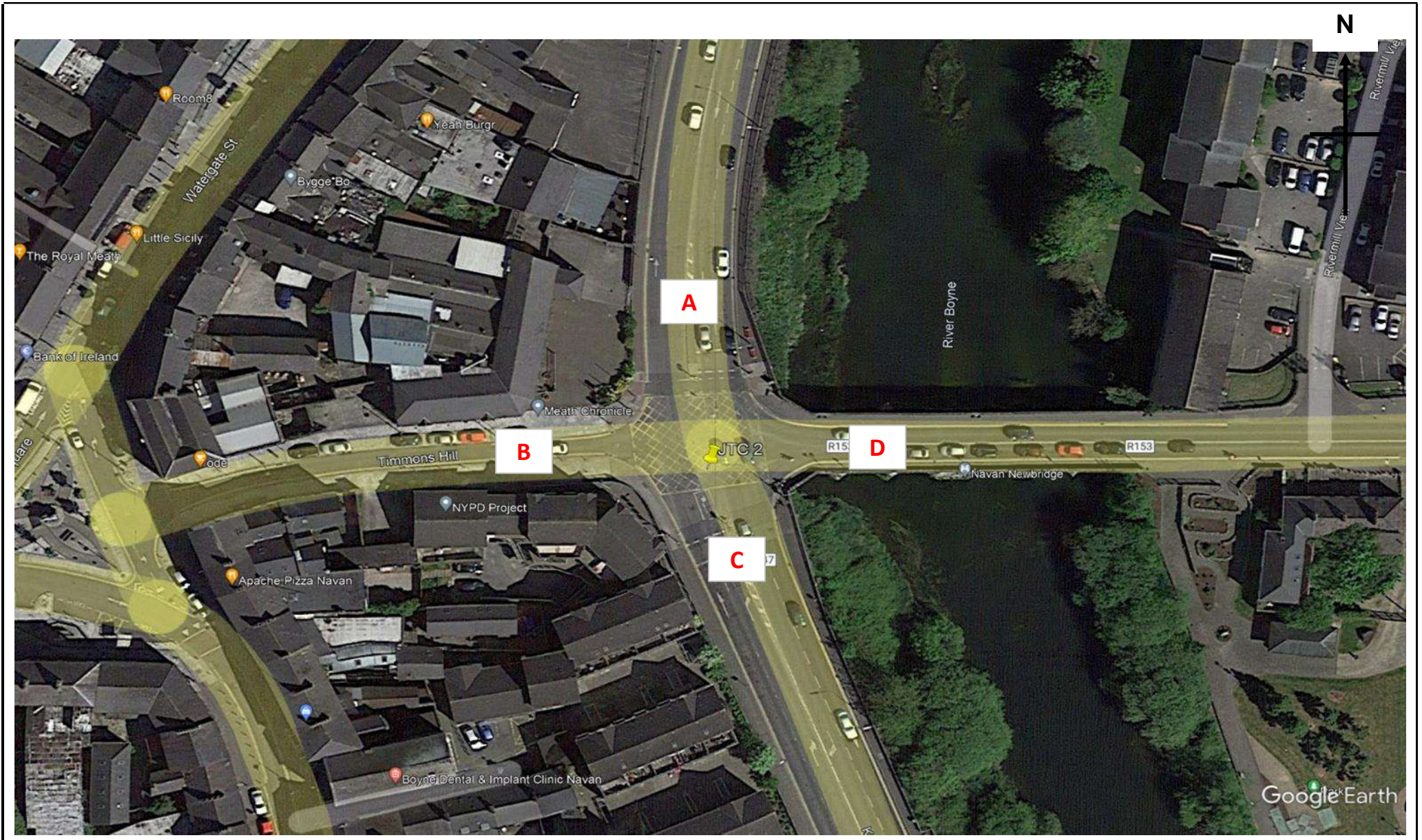
Civil Engineer

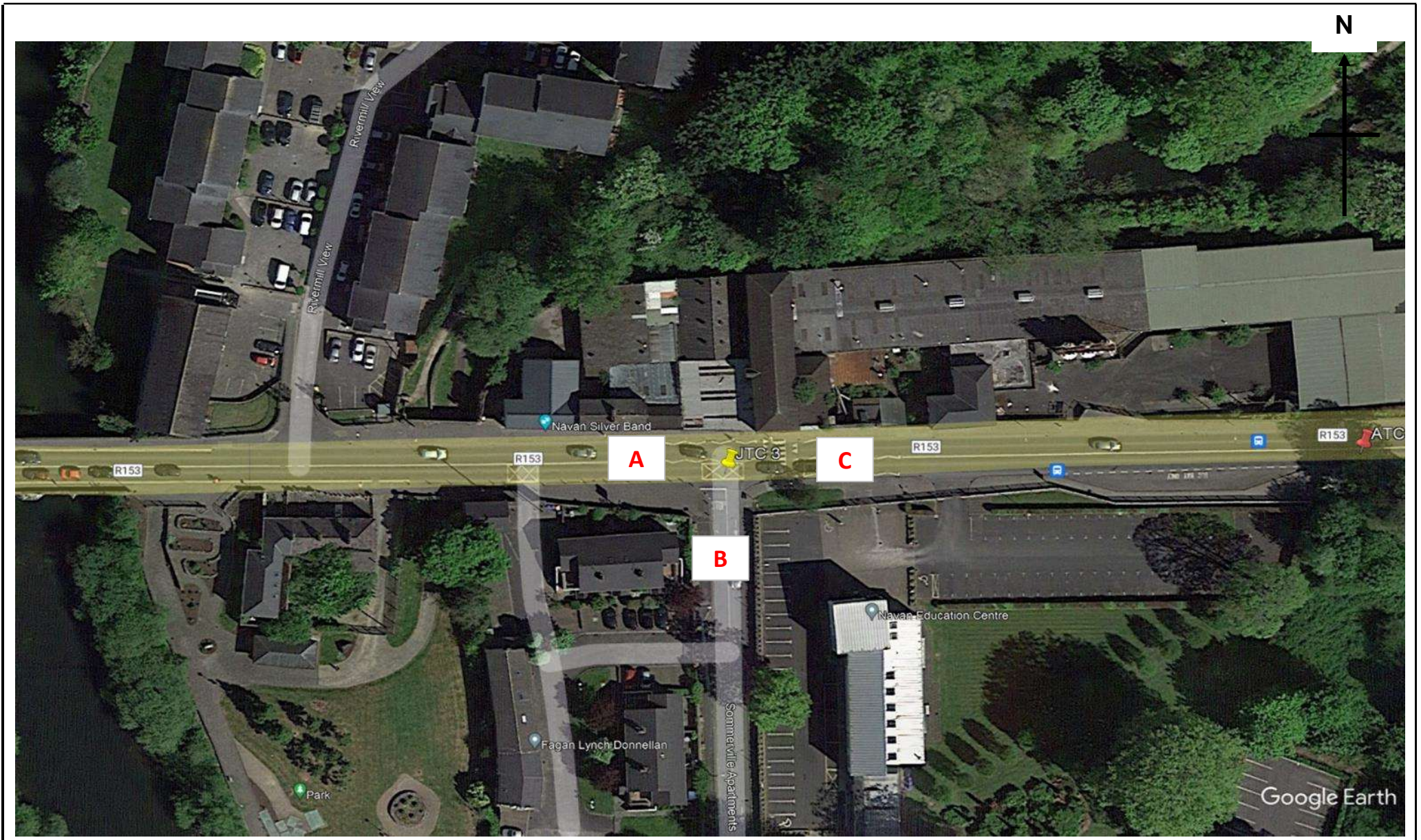
O'Connor Sutton Cronin & Associates

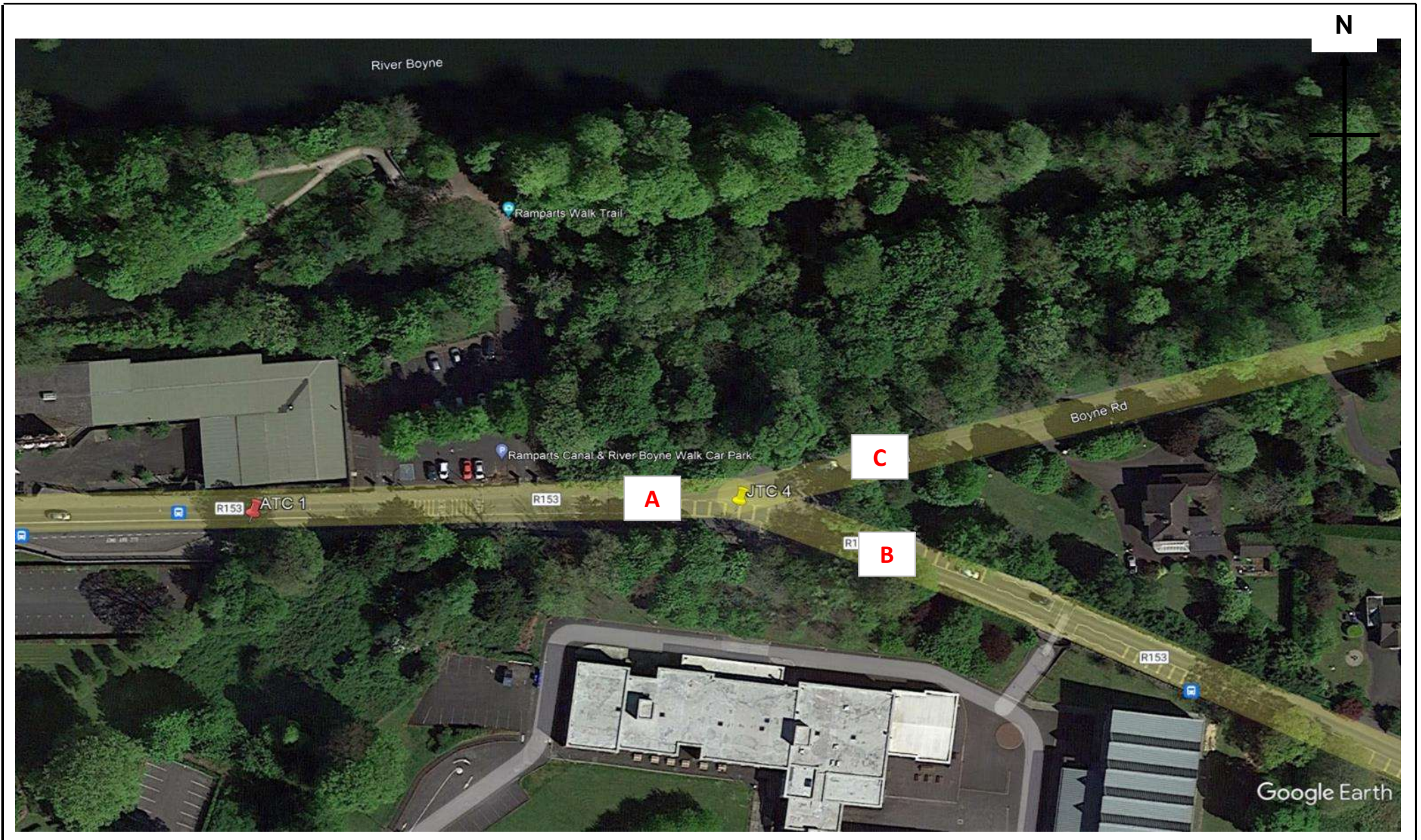


Appendix A **TRAFFIC SURVEY DATA**









Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	A to D - R147(NW) to Pollboy Bridge								Veh. Total	A to C - R147(NW) to R147(S)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	2	0	1	0	0	0	0	0	3	120	2	47	2	2	4	0	0	177
07:15	4	0	2	0	0	0	0	0	6	127	3	54	2	2	7	0	0	195
07:30	2	0	0	0	0	0	0	0	2	136	2	33	3	4	5	0	0	183
07:45	5	0	0	2	0	0	0	0	7	145	1	32	6	5	7	1	0	197
Hour	13	0	3	2	0	0	0	0	18	528	8	166	13	13	23	1	0	752
08:00	11	1	0	0	1	2	1	0	16	161	0	23	3	6	2	0	0	195
08:15	7	0	0	0	0	0	0	0	7	128	1	13	3	6	4	1	0	156
08:30	9	0	1	0	0	4	0	0	14	167	2	21	5	5	4	1	1	206
08:45	8	0	2	1	0	1	0	0	12	165	0	18	6	9	3	0	0	201
Hour	35	1	3	1	1	7	1	0	49	621	3	75	17	26	13	2	1	758
09:00	9	0	0	0	0	0	0	0	9	135	1	19	6	3	5	0	0	169
09:15	7	0	2	0	0	0	0	0	9	102	2	17	4	7	1	0	0	133
09:30	6	1	1	2	0	0	0	0	10	104	0	23	6	15	0	0	0	148
09:45	3	0	4	0	0	0	0	0	7	101	1	23	4	8	1	0	0	138
Hour	25	1	7	2	0	0	0	0	35	442	4	82	20	33	7	0	0	588
10:00	7	0	3	0	0	1	0	0	11	116	4	21	5	8	2	0	0	156
10:15	6	0	1	0	0	0	0	0	7	103	2	31	5	10	1	0	0	152
10:30	6	0	1	1	0	0	0	0	8	99	5	20	2	8	0	0	0	134
10:45	4	0	1	2	0	0	0	0	7	83	1	21	2	5	2	0	1	115
Hour	23	0	6	3	0	1	0	0	33	401	12	93	14	31	5	0	1	557
11:00	2	0	1	0	0	0	0	0	3	103	0	11	5	5	2	0	0	126
11:15	10	0	2	0	0	0	0	0	12	94	2	21	9	12	1	0	0	139
11:30	5	0	1	0	0	0	0	0	6	78	0	14	3	8	0	0	0	103
11:45	7	1	1	0	0	0	0	0	9	102	0	23	3	4	0	0	0	132
Hour	24	1	5	0	0	0	0	0	30	377	2	69	20	29	3	0	0	500
12:00	11	1	1	1	0	0	0	0	14	92	1	23	5	10	3	0	0	134
12:15	6	0	1	2	0	0	0	0	9	91	2	16	4	10	1	0	0	124
12:30	12	0	2	0	0	0	0	1	15	94	1	20	4	6	1	0	1	127
12:45	10	1	1	0	0	0	0	0	12	100	3	11	7	4	0	1	1	127
Hour	39	2	5	3	0	0	0	1	50	377	7	70	20	30	5	1	2	512
13:00	15	0	0	0	0	0	0	0	15	109	5	21	5	6	4	1	0	151
13:15	7	1	0	0	0	0	0	0	8	110	4	16	3	2	0	0	0	135
13:30	12	0	3	1	0	0	0	0	16	115	2	13	3	10	2	0	0	145
13:45	15	0	2	0	0	0	0	0	17	129	1	22	6	10	3	1	1	173
Hour	49	1	5	1	0	0	0	0	56	463	12	72	17	28	9	2	1	604
14:00	10	0	2	0	0	1	0	0	13	103	1	13	5	3	6	0	0	131
14:15	13	0	1	0	0	1	0	0	15	119	6	14	1	8	2	0	0	150
14:30	8	0	1	0	0	1	0	0	10	119	2	17	1	3	3	0	0	145
14:45	11	1	0	0	0	0	0	0	12	120	1	22	3	10	5	0	0	161
Hour	42	1	4	0	0	3	0	0	50	461	10	66	10	24	16	0	0	587
15:00	11	3	0	0	0	0	0	0	14	102	1	21	5	4	8	0	0	141
15:15	9	1	0	0	0	0	0	0	10	120	1	21	5	10	3	0	0	160
15:30	7	0	0	0	0	0	0	0	7	112	2	17	1	0	4	0	0	136
15:45	12	0	0	0	0	1	0	0	13	135	3	19	3	10	2	0	0	172
Hour	39	4	0	0	0	1	0	0	44	469	7	78	14	24	17	0	0	609
16:00	11	0	2	1	0	0	0	0	14	126	5	13	4	0	3	0	1	152
16:15	40	0	5	2	2	1	0	0	50	150	3	15	4	3	4	0	0	179
16:30	27	0	4	0	0	0	0	0	31	96	3	22	0	3	0	0	0	124
16:45	27	0	4	0	0	0	0	0	31	133	2	31	1	2	2	0	0	171
Hour	105	0	15	3	2	1	0	0	126	505	13	81	9	8	9	0	1	626
17:00	19	0	1	0	0	0	0	0	20	115	2	16	2	0	1	2	0	138
17:15	29	0	0	0	0	0	0	0	29	153	1	15	1	4	0	0	0	174
17:30	21	0	4	0	0	1	0	0	26	131	1	23	4	1	0	0	0	160
17:45	24	0	2	0	0	0	0	0	26	136	4	21	2	0	1	0	0	164
Hour	93	0	7	0	0	1	0	0	101	535	8	75	9	5	2	2	0	636
18:00	18	0	3	0	0	0	0	0	21	130	0	17	1	2	2	0	0	152
18:15	35	0	2	0	0	0	0	0	37	131	1	15	0	1	0	0	0	148
18:30	13	0	2	0	0	0	0	0	15	96	0	9	1	3	0	1	0	110
18:45	18	0	0	0	0	0	0	0	18	145	1	13	0	3	0	0	0	162
Hour	84	0	7	0	0	0	0	0	91	502	2	54	2	9	2	1	0	572
Total	571	11	67	15	3	14	1	1	683	5681	88	981	165	260	111	9	6	7301

Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	A to B - R147(NW) to Watergate St								Veh. Total	B to A - Watergate St to R147(NW)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
07:15	0	0	0	0	0	0	0	0	0	6	0	1	0	0	0	0	0	7
07:30	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	5
07:45	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Hour	0	0	0	0	0	0	0	0	0	14	0	3	0	0	0	0	0	17
08:00	0	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	6
08:15	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0	6
08:30	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	5
08:45	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3
Hour	0	0	0	0	0	0	0	0	0	15	0	2	1	0	2	0	0	20
09:00	0	0	0	0	0	0	0	0	0	4	0	1	0	0	1	0	0	6
09:15	0	0	0	0	0	0	0	0	0	6	0	2	0	0	0	0	0	8
09:30	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
09:45	0	0	0	0	0	0	0	0	0	7	0	1	1	0	0	0	0	9
Hour	0	0	0	0	0	0	0	0	0	22	0	4	1	0	1	0	0	28
10:00	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	0	0	6
10:15	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	5
10:30	0	0	0	0	0	0	0	0	0	6	0	2	0	0	0	0	0	8
10:45	0	0	0	0	0	0	0	0	0	4	0	1	0	0	1	0	0	6
Hour	0	0	0	0	0	0	0	0	0	18	0	5	0	0	2	0	0	25
11:00	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	5
11:15	0	0	0	0	0	0	0	0	0	4	0	3	0	0	0	0	0	7
11:30	0	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	0	8
11:45	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	5
Hour	0	0	0	0	0	0	0	0	0	17	1	6	0	0	1	0	0	25
12:00	0	0	0	0	0	0	0	0	0	8	0	0	0	0	1	0	0	9
12:15	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	0	0	6
12:30	0	0	0	0	0	0	0	0	0	10	0	3	0	0	0	0	0	13
12:45	0	0	0	0	0	0	0	0	0	8	0	2	1	0	0	0	0	11
Hour	0	0	0	0	0	0	0	0	0	31	0	5	1	0	2	0	0	39
13:00	0	0	0	0	0	0	0	0	0	5	0	0	1	0	0	0	1	7
13:15	0	0	0	0	0	0	0	0	0	5	0	2	0	0	1	0	0	8
13:30	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	1	7
13:45	0	0	0	0	0	0	0	0	0	4	1	1	0	0	0	0	0	6
Hour	0	0	0	0	0	0	0	0	0	19	2	3	1	0	1	0	2	28
14:00	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	5
14:15	0	0	0	0	0	0	0	0	0	8	0	1	0	0	1	0	0	10
14:30	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
14:45	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	5
Hour	0	0	0	0	0	0	0	0	0	22	0	4	0	0	1	0	0	27
15:00	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12
15:15	0	0	0	0	0	0	0	0	0	5	1	0	0	0	1	0	0	7
15:30	0	0	0	0	0	0	0	0	0	5	0	3	0	0	0	0	0	8
15:45	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	0	0	8
Hour	0	0	0	0	0	0	0	0	0	29	1	4	0	0	1	0	0	35
16:00	0	0	0	0	0	0	0	0	0	14	0	1	0	0	0	0	1	16
16:15	0	0	0	0	0	0	0	0	0	6	0	1	0	0	0	0	0	7
16:30	0	0	0	0	0	0	0	0	0	6	0	2	0	0	1	0	0	9
16:45	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	4
Hour	0	0	0	0	0	0	0	0	0	29	0	5	0	0	1	0	1	36
17:00	0	0	0	0	0	0	0	0	0	9	0	2	0	0	0	0	0	11
17:15	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	5
17:30	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
17:45	0	0	0	0	0	0	0	0	0	9	0	1	0	0	1	0	0	11
Hour	0	0	0	0	0	0	0	0	0	29	0	5	0	0	1	0	0	35
18:00	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
18:15	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
18:30	0	0	0	0	0	0	0	0	0	7	1	1	0	0	2	0	0	11
18:45	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Hour	0	0	0	0	0	0	0	0	0	19	2	2	0	0	2	0	0	25
Total	0	0	0	0	0	0	0	0	0	264	6	48	4	0	15	0	3	340

Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	B to D - Watergate St to Pollboy Bridge								Veh. Total	B to C - Watergate St to R147(S)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	7	0	4	0	0	0	0	0	11	9	0	2	0	0	2	0	0	13
07:15	9	0	3	0	0	1	0	0	13	12	0	2	0	0	4	0	0	18
07:30	16	2	5	1	0	0	0	0	24	17	1	1	1	0	4	0	0	24
07:45	9	1	3	0	0	4	0	0	17	17	0	1	0	0	3	0	0	21
Hour	41	3	15	1	0	5	0	0	65	55	1	6	1	0	13	0	0	76
08:00	13	0	1	0	0	5	0	0	19	19	1	1	1	1	2	0	0	25
08:15	32	2	0	0	0	0	0	0	34	26	1	2	0	0	6	0	0	35
08:30	32	1	3	0	0	3	0	0	39	26	2	2	0	0	1	0	0	31
08:45	23	0	3	0	0	0	0	0	26	27	2	2	0	0	1	0	0	32
Hour	100	3	7	0	0	8	0	0	118	98	6	7	1	1	10	0	0	123
09:00	31	1	3	1	0	1	0	0	37	15	2	2	2	0	4	0	0	25
09:15	19	1	3	2	0	1	0	0	26	22	1	2	0	0	4	0	0	29
09:30	20	0	6	0	0	2	0	0	28	12	1	4	0	0	2	0	0	19
09:45	29	3	3	0	0	0	0	0	35	18	2	5	0	0	1	0	0	26
Hour	99	5	15	3	0	4	0	0	126	67	6	13	2	0	11	0	0	99
10:00	25	0	5	0	0	2	0	0	32	22	0	1	0	0	1	0	0	24
10:15	19	5	4	0	0	2	0	0	30	24	0	2	0	0	3	0	0	29
10:30	23	3	1	0	0	0	0	0	27	29	1	5	0	0	2	0	0	37
10:45	20	2	7	1	0	0	0	0	30	23	2	5	0	0	2	1	0	33
Hour	87	10	17	1	0	4	0	0	119	98	3	13	0	0	8	1	0	123
11:00	25	0	2	0	0	2	0	0	29	22	1	5	1	0	1	0	0	30
11:15	25	3	2	0	0	1	0	0	31	22	1	4	0	0	2	0	0	29
11:30	24	4	1	0	0	2	0	1	32	24	1	2	1	0	2	0	0	30
11:45	35	1	5	0	0	0	0	0	41	47	6	2	0	0	1	0	0	56
Hour	109	8	10	0	0	5	0	1	133	115	9	13	2	0	6	0	0	145
12:00	28	2	3	0	0	1	0	0	34	35	2	2	2	0	1	0	0	42
12:15	33	6	2	1	0	1	0	0	43	34	1	4	0	0	2	0	0	41
12:30	40	2	4	0	0	1	0	0	47	31	2	2	0	0	2	0	0	37
12:45	27	2	5	0	0	0	0	0	34	34	2	4	0	0	1	0	0	41
Hour	128	12	14	1	0	3	0	0	158	134	7	12	2	0	6	0	0	161
13:00	34	0	7	1	0	2	0	0	44	38	2	2	0	0	1	0	0	43
13:15	43	3	4	1	0	1	0	0	52	43	1	6	0	0	3	0	1	54
13:30	39	0	5	0	0	1	0	0	45	26	2	0	1	0	1	0	0	30
13:45	32	2	6	0	0	1	0	1	42	46	0	3	0	0	1	0	0	50
Hour	148	5	22	2	0	5	0	1	183	153	5	11	1	0	6	0	1	177
14:00	26	2	2	0	0	3	0	0	33	36	0	4	1	0	1	0	0	42
14:15	42	1	4	1	0	0	0	1	49	54	4	2	0	0	3	0	0	63
14:30	32	1	6	1	0	2	0	0	42	34	0	2	0	0	3	0	1	40
14:45	28	2	6	0	0	1	0	0	37	32	1	0	0	0	2	0	0	35
Hour	128	6	18	2	0	6	0	1	161	156	5	8	1	0	9	0	1	180
15:00	32	3	4	0	0	2	0	1	42	41	5	2	0	0	2	0	0	50
15:15	43	2	2	0	0	0	0	0	47	37	1	4	0	0	3	0	0	45
15:30	44	4	5	0	0	3	0	0	56	36	2	6	0	0	1	0	0	45
15:45	33	3	4	0	0	0	0	0	40	38	0	2	1	0	1	0	0	42
Hour	152	12	15	0	0	5	0	1	185	152	8	14	1	0	7	0	0	182
16:00	72	4	10	0	0	3	0	2	91	48	1	6	0	0	2	0	0	57
16:15	45	1	9	0	0	2	0	0	57	44	0	5	0	0	2	0	0	51
16:30	56	1	12	0	0	0	0	0	69	50	1	1	0	0	3	1	0	56
16:45	52	0	9	0	0	2	0	0	63	35	1	1	0	0	1	0	0	38
Hour	225	6	40	0	0	7	0	2	280	177	3	13	0	0	8	1	0	202
17:00	82	1	13	0	0	0	0	0	96	43	1	3	0	0	0	0	0	47
17:15	58	2	3	0	0	0	0	1	64	40	0	2	0	0	1	0	0	43
17:30	71	4	12	0	0	1	0	1	89	49	1	0	0	0	2	0	0	52
17:45	67	2	6	0	0	0	0	0	75	42	1	1	0	0	2	0	0	46
Hour	278	9	34	0	0	1	0	2	324	174	3	6	0	0	5	0	0	188
18:00	72	1	10	0	0	2	0	0	85	48	2	2	0	0	0	0	0	52
18:15	58	2	6	0	0	1	0	0	67	48	0	4	0	0	3	0	0	55
18:30	60	3	7	0	0	0	0	1	71	33	1	6	0	0	3	0	0	43
18:45	38	3	2	0	0	1	0	0	44	34	0	1	0	0	2	1	0	38
Hour	228	9	25	0	0	4	0	1	267	163	3	13	0	0	8	1	0	188
Total	1723	88	232	10	0	57	0	9	2119	1542	59	129	11	1	97	3	2	1844

Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	C to B - R147(S) to Watergate St								Veh. Total	C to A - R147(S) to R147(NW)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	0	0	0	0	0	0	0	0	0	33	0	4	2	0	0	0	0	39
07:15	0	0	0	0	0	0	0	0	0	33	1	5	1	3	5	0	0	48
07:30	0	0	0	0	0	0	0	0	0	41	2	8	2	0	1	0	0	54
07:45	0	0	0	0	0	0	0	0	0	48	0	6	0	2	3	0	0	59
Hour	0	0	0	0	0	0	0	0	0	155	3	23	5	5	9	0	0	200
08:00	0	0	0	0	0	0	0	0	0	40	1	7	0	1	6	0	1	56
08:15	0	0	0	0	0	0	0	1	1	51	1	4	1	1	2	0	0	60
08:30	0	0	0	0	0	0	0	0	0	32	0	5	1	0	1	0	0	39
08:45	0	0	0	0	0	0	0	0	0	58	1	6	3	0	3	0	0	71
Hour	0	0	0	0	0	0	0	1	1	181	3	22	5	2	12	0	1	226
09:00	0	0	0	0	0	0	0	0	0	29	0	10	0	0	2	1	0	42
09:15	0	0	0	0	0	0	0	0	0	44	2	6	2	4	5	0	0	63
09:30	0	0	0	0	0	0	0	0	0	44	1	7	3	3	2	1	0	61
09:45	0	0	0	0	0	0	0	0	0	49	1	6	6	1	3	0	0	66
Hour	0	0	0	0	0	0	0	0	0	166	4	29	11	8	12	2	0	232
10:00	0	0	0	0	0	0	0	0	0	40	1	11	2	2	2	0	0	58
10:15	0	0	0	0	0	0	0	0	0	51	0	8	2	0	5	0	0	66
10:30	0	0	0	0	0	0	0	0	0	30	0	7	5	1	0	0	0	43
10:45	0	0	0	0	0	0	0	0	0	40	3	4	3	4	4	0	2	60
Hour	0	0	0	0	0	0	0	0	0	161	4	30	12	7	11	0	2	227
11:00	0	0	0	0	0	0	0	0	0	38	1	7	2	1	1	0	0	50
11:15	0	0	0	0	0	0	0	0	0	49	1	4	2	0	2	0	0	58
11:30	0	0	0	0	0	0	0	0	0	47	1	10	1	3	4	0	0	66
11:45	0	0	0	0	0	0	0	0	0	32	2	7	2	2	1	0	0	46
Hour	0	0	0	0	0	0	0	0	0	166	5	28	7	6	8	0	0	220
12:00	0	0	0	0	0	0	0	0	0	45	0	10	2	2	1	0	0	60
12:15	0	0	0	0	0	0	0	0	0	48	0	10	4	0	3	0	0	65
12:30	0	0	0	0	0	0	0	0	0	46	2	9	2	0	3	0	0	62
12:45	0	0	0	0	0	0	0	0	0	44	0	7	3	3	1	0	0	58
Hour	0	0	0	0	0	0	0	0	0	183	2	36	11	5	8	0	0	245
13:00	0	0	0	0	0	0	0	0	0	65	1	4	2	0	3	0	1	76
13:15	0	0	0	0	0	0	0	0	0	53	1	10	1	2	1	0	0	68
13:30	0	0	0	0	0	0	0	0	0	50	3	5	1	1	1	0	0	61
13:45	0	0	0	0	0	0	0	0	0	55	1	11	1	2	1	0	0	71
Hour	0	0	0	0	0	0	0	0	0	223	6	30	5	5	6	0	1	276
14:00	0	0	0	0	0	0	0	0	0	66	0	6	5	1	3	0	0	81
14:15	0	0	0	0	0	0	0	0	0	51	1	7	2	2	2	1	0	66
14:30	0	0	0	0	0	0	0	0	0	43	0	5	1	1	2	0	0	52
14:45	0	0	0	0	0	0	0	0	0	52	1	7	2	1	2	0	0	65
Hour	0	0	0	0	0	0	0	0	0	212	2	25	10	5	9	1	0	264
15:00	0	0	0	0	0	0	0	0	0	47	1	8	2	2	5	1	0	66
15:15	0	0	0	0	0	0	0	0	0	45	1	11	2	0	1	0	0	60
15:30	0	0	0	0	0	0	0	0	0	50	1	7	3	0	0	0	0	61
15:45	0	0	0	0	0	0	0	0	0	61	0	3	1	0	1	0	0	66
Hour	0	0	0	0	0	0	0	0	0	203	3	29	8	2	7	1	0	253
16:00	0	0	0	0	0	0	0	0	0	60	0	11	2	1	2	1	0	77
16:15	0	0	0	0	0	0	0	0	0	42	1	4	3	0	3	0	0	53
16:30	0	0	0	0	0	0	0	0	0	43	0	10	1	0	3	0	1	58
16:45	0	0	0	0	0	0	0	0	0	53	0	14	1	0	0	0	1	69
Hour	0	0	0	0	0	0	0	0	0	198	1	39	7	1	8	1	2	257
17:00	0	0	0	0	0	0	0	0	0	51	0	11	2	0	1	0	1	66
17:15	0	0	0	0	0	0	0	0	0	46	0	6	0	0	0	0	0	52
17:30	0	0	0	0	0	0	0	0	0	42	0	9	0	1	2	0	0	54
17:45	0	0	0	0	0	0	0	0	0	44	1	9	0	1	2	0	0	57
Hour	0	0	0	0	0	0	0	0	0	183	1	35	2	2	5	0	1	229
18:00	0	0	0	0	0	0	0	0	0	36	2	5	0	0	2	1	0	46
18:15	0	0	0	0	0	0	0	0	0	42	0	6	1	0	1	0	0	50
18:30	0	0	0	0	0	0	0	0	0	49	0	5	0	0	4	0	0	58
18:45	0	0	0	0	0	0	0	0	0	42	0	5	0	0	0	0	0	47
Hour	0	0	0	0	0	0	0	0	0	169	2	21	1	0	7	1	0	201
Total	0	0	0	0	0	0	0	1	1	2200	36	347	84	48	102	6	7	2830

Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	To Arm A - R147(NW)								Veh. Total	From Arm A - R147(NW)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	35	0	4	2	0	0	0	0	41	122	2	48	2	2	4	0	0	180
07:15	39	1	6	1	3	5	0	0	55	131	3	56	2	2	7	0	0	201
07:30	44	2	10	2	0	1	0	0	59	138	2	33	3	4	5	0	0	185
07:45	51	0	6	0	2	3	0	0	62	150	1	32	8	5	7	1	0	204
Hour	169	3	26	5	5	9	0	0	217	541	8	169	15	13	23	1	0	770
08:00	44	1	7	0	1	8	0	1	62	172	1	23	3	7	4	1	0	211
08:15	56	1	5	1	1	2	0	0	66	135	1	13	3	6	4	1	0	163
08:30	36	0	6	1	0	1	0	0	44	176	2	22	5	5	8	1	1	220
08:45	60	1	6	4	0	3	0	0	74	173	0	20	7	9	4	0	0	213
Hour	196	3	24	6	2	14	0	1	246	656	4	78	18	27	20	3	1	807
09:00	33	0	11	0	0	3	1	0	48	144	1	19	6	3	5	0	0	178
09:15	50	2	8	2	4	5	0	0	71	109	2	19	4	7	1	0	0	142
09:30	49	1	7	3	3	2	1	0	66	110	1	24	8	15	0	0	0	158
09:45	56	1	7	7	1	3	0	0	75	104	1	27	4	8	1	0	0	145
Hour	188	4	33	12	8	13	2	0	260	467	5	89	22	33	7	0	0	623
10:00	45	1	11	2	2	3	0	0	64	123	4	24	5	8	3	0	0	167
10:15	54	0	10	2	0	5	0	0	71	109	2	32	5	10	1	0	0	159
10:30	36	0	9	5	1	0	0	0	51	105	5	21	3	8	0	0	0	142
10:45	44	3	5	3	4	5	0	2	66	87	1	22	4	5	2	0	1	122
Hour	179	4	35	12	7	13	0	2	252	424	12	99	17	31	6	0	1	590
11:00	40	1	9	2	1	2	0	0	55	105	0	12	5	5	2	0	0	129
11:15	53	1	7	2	0	2	0	0	65	104	2	23	9	12	1	0	0	151
11:30	54	2	10	1	3	4	0	0	74	83	0	15	3	8	0	0	0	109
11:45	36	2	8	2	2	1	0	0	51	109	1	24	3	4	0	0	0	141
Hour	183	6	34	7	6	9	0	0	245	401	3	74	20	29	3	0	0	530
12:00	53	0	10	2	2	2	0	0	69	103	2	24	6	10	3	0	0	148
12:15	53	0	10	4	0	4	0	0	71	97	2	17	6	10	1	0	0	133
12:30	56	2	12	2	0	3	0	0	75	106	1	22	4	6	1	0	2	142
12:45	52	0	9	4	3	1	0	0	69	110	4	12	7	4	0	1	1	139
Hour	214	2	41	12	5	10	0	0	284	416	9	75	23	30	5	1	3	562
13:00	70	1	4	3	0	3	0	2	83	124	5	21	5	6	4	1	0	166
13:15	58	1	12	1	2	2	0	0	76	117	5	16	3	2	0	0	0	143
13:30	55	4	5	1	1	1	0	1	68	127	2	16	4	10	2	0	0	161
13:45	59	2	12	1	2	1	0	0	77	144	1	24	6	10	3	1	1	190
Hour	242	8	33	6	5	7	0	3	304	512	13	77	18	28	9	2	1	660
14:00	70	0	7	5	1	3	0	0	86	113	1	15	5	3	7	0	0	144
14:15	59	1	8	2	2	3	1	0	76	132	6	15	1	8	3	0	0	165
14:30	50	0	5	1	1	2	0	0	59	127	2	18	1	3	4	0	0	155
14:45	55	1	9	2	1	2	0	0	70	131	2	22	3	10	5	0	0	173
Hour	234	2	29	10	5	10	1	0	291	503	11	70	10	24	19	0	0	637
15:00	59	1	8	2	2	5	1	0	78	113	4	21	5	4	8	0	0	155
15:15	50	2	11	2	0	2	0	0	67	129	2	21	5	10	3	0	0	170
15:30	55	1	10	3	0	0	0	0	69	119	2	17	1	0	4	0	0	143
15:45	68	0	4	1	0	1	0	0	74	147	3	19	3	10	3	0	0	185
Hour	232	4	33	8	2	8	1	0	288	508	11	78	14	24	18	0	0	653
16:00	74	0	12	2	1	2	1	1	93	137	5	15	5	0	3	0	1	166
16:15	48	1	5	3	0	3	0	0	60	190	3	20	6	5	5	0	0	229
16:30	49	0	12	1	0	4	0	1	67	123	3	26	0	3	0	0	0	155
16:45	56	0	15	1	0	0	0	1	73	160	2	35	1	2	2	0	0	202
Hour	227	1	44	7	1	9	1	3	293	610	13	96	12	10	10	0	1	752
17:00	60	0	13	2	0	1	0	1	77	134	2	17	2	0	1	2	0	158
17:15	49	0	8	0	0	0	0	0	57	182	1	15	1	4	0	0	0	203
17:30	50	0	9	0	1	2	0	0	62	152	1	27	4	1	1	0	0	186
17:45	53	1	10	0	1	3	0	0	68	160	4	23	2	0	1	0	0	190
Hour	212	1	40	2	2	6	0	1	264	628	8	82	9	5	3	2	0	737
18:00	37	3	6	0	0	2	1	0	49	148	0	20	1	2	2	0	0	173
18:15	47	0	6	1	0	1	0	0	55	166	1	17	0	1	0	0	0	185
18:30	56	1	6	0	0	6	0	0	69	109	0	11	1	3	0	1	0	125
18:45	48	0	5	0	0	0	0	0	53	163	1	13	0	3	0	0	0	180
Hour	188	4	23	1	0	9	1	0	226	586	2	61	2	9	2	1	0	663
Total	2464	42	395	88	48	117	6	10	3170	6252	99	1048	180	263	125	10	7	7984

Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	To Arm B - Watergate St								Veh. Total	From Arm B - Watergate St								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	0	0	0	0	0	0	0	1	1	18	0	6	0	0	2	0	0	26
07:15	0	0	0	0	0	0	0	0	0	27	0	6	0	0	5	0	0	38
07:30	0	0	0	0	0	0	0	0	0	36	3	8	2	0	4	0	0	53
07:45	0	0	0	0	0	0	0	0	0	29	1	4	0	0	7	0	0	41
Hour	0	0	0	0	0	0	0	1	1	110	4	24	2	0	18	0	0	158
08:00	0	0	0	0	0	0	0	0	0	36	1	2	1	1	9	0	0	50
08:15	0	0	0	0	0	0	0	3	3	63	3	3	0	0	6	0	0	75
08:30	0	0	0	0	0	0	0	0	0	62	3	6	0	0	4	0	0	75
08:45	0	0	0	0	0	0	0	1	1	52	2	5	1	0	1	0	0	61
Hour	0	0	0	0	0	0	0	4	4	213	9	16	2	1	20	0	0	261
09:00	0	0	0	0	0	0	0	1	1	50	3	6	3	0	6	0	0	68
09:15	0	0	0	0	0	0	0	0	0	47	2	7	2	0	5	0	0	63
09:30	0	0	0	0	0	0	0	0	0	37	1	10	0	0	4	0	0	52
09:45	0	0	0	0	0	0	0	0	0	54	5	9	1	0	1	0	0	70
Hour	0	0	0	0	0	0	0	1	1	188	11	32	6	0	16	0	0	253
10:00	0	0	0	0	0	0	0	0	0	52	0	6	0	0	4	0	0	62
10:15	0	0	0	0	0	0	0	1	1	46	5	8	0	0	5	0	0	64
10:30	0	0	0	0	0	0	0	0	0	58	4	8	0	0	2	0	0	72
10:45	0	0	0	0	0	0	0	0	0	47	4	13	1	0	3	1	0	69
Hour	0	0	0	0	0	0	0	1	1	203	13	35	1	0	14	1	0	267
11:00	0	0	0	0	0	0	0	0	0	49	1	9	1	0	4	0	0	64
11:15	0	0	0	0	0	0	0	0	0	51	4	9	0	0	3	0	0	67
11:30	0	0	0	0	0	0	0	0	0	55	6	3	1	0	4	0	1	70
11:45	0	0	0	0	0	0	0	0	0	86	7	8	0	0	1	0	0	102
Hour	0	0	0	0	0	0	0	0	0	241	18	29	2	0	12	0	1	303
12:00	0	0	0	0	0	0	0	0	0	71	4	5	2	0	3	0	0	85
12:15	0	0	0	0	0	0	0	0	0	72	7	6	1	0	4	0	0	90
12:30	0	0	0	0	0	0	0	0	0	81	4	9	0	0	3	0	0	97
12:45	0	0	0	0	0	0	0	0	0	69	4	11	1	0	1	0	0	86
Hour	0	0	0	0	0	0	0	0	0	293	19	31	4	0	11	0	0	358
13:00	0	0	0	0	0	0	0	0	0	77	2	9	2	0	3	0	1	94
13:15	0	0	0	0	0	0	0	0	0	91	4	12	1	0	5	0	1	114
13:30	0	0	0	0	0	0	0	0	0	70	3	5	1	0	2	0	1	82
13:45	0	0	0	0	0	0	0	1	1	82	3	10	0	0	2	0	1	98
Hour	0	0	0	0	0	0	0	1	1	320	12	36	4	0	12	0	4	388
14:00	0	0	0	0	0	0	0	0	0	66	2	7	1	0	4	0	0	80
14:15	0	0	0	0	0	0	0	0	0	104	5	7	1	0	4	0	1	122
14:30	0	0	0	0	0	0	0	0	0	73	1	8	1	0	5	0	1	89
14:45	0	0	0	0	0	0	0	0	0	63	3	8	0	0	3	0	0	77
Hour	0	0	0	0	0	0	0	0	0	306	11	30	3	0	16	0	2	368
15:00	0	0	0	0	0	0	0	0	0	85	8	6	0	0	4	0	1	104
15:15	0	0	0	0	0	0	0	1	1	85	4	6	0	0	4	0	0	99
15:30	0	0	0	0	0	0	0	1	1	85	6	14	0	0	4	0	0	109
15:45	0	0	0	0	0	0	0	0	0	78	3	7	1	0	1	0	0	90
Hour	0	0	0	0	0	0	0	2	2	333	21	33	1	0	13	0	1	402
16:00	0	0	0	0	0	0	0	0	0	134	5	17	0	0	5	0	3	164
16:15	0	0	0	0	0	0	0	0	0	95	1	15	0	0	4	0	0	115
16:30	0	0	0	0	0	0	0	0	0	112	2	15	0	0	4	1	0	134
16:45	0	0	0	0	0	0	0	0	0	90	1	11	0	0	3	0	0	105
Hour	0	0	0	0	0	0	0	0	0	431	9	58	0	0	16	1	3	518
17:00	0	0	0	0	0	0	0	0	0	134	2	18	0	0	0	0	0	154
17:15	0	0	0	0	0	0	0	0	0	101	2	7	0	0	1	0	1	112
17:30	0	0	0	0	0	0	0	0	0	128	5	12	0	0	3	0	1	149
17:45	0	0	0	0	0	0	0	0	0	118	3	8	0	0	3	0	0	132
Hour	0	0	0	0	0	0	0	0	0	481	12	45	0	0	7	0	2	547
18:00	0	0	0	0	0	0	0	0	0	121	4	13	0	0	2	0	0	140
18:15	0	0	0	0	0	0	0	0	0	111	2	10	0	0	4	0	0	127
18:30	0	0	0	0	0	0	0	0	0	100	5	14	0	0	5	0	1	125
18:45	0	0	0	0	0	0	0	0	0	78	3	3	0	0	3	1	0	88
Hour	0	0	0	0	0	0	0	0	0	410	14	40	0	0	14	1	1	480
Total	0	0	0	0	0	0	0	10	10	3529	153	409	25	1	169	3	14	4303

Site No. 1
Location R147(NW) / Watergate St / R147(S) / Pollboy Bridge
Date Tuesday 29 November 2022

Time	To Arm C - R147(S)								Veh. Total	From Arm C - R147(S)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	129	2	49	2	2	6	0	0	190	62	0	10	2	4	0	0	0	78
07:15	139	3	56	2	2	11	0	0	213	69	3	20	3	10	5	0	0	110
07:30	153	3	34	4	4	9	0	0	207	99	2	18	3	7	2	0	0	131
07:45	162	1	33	6	5	10	1	2	220	96	1	19	3	4	7	0	0	130
Hour	583	9	172	14	13	36	1	2	830	326	6	67	11	25	14	0	0	449
08:00	180	1	24	4	7	4	0	0	220	102	2	22	3	7	9	0	1	146
08:15	154	2	15	3	6	10	1	4	195	120	2	20	2	5	3	0	1	153
08:30	193	4	23	5	5	5	1	2	238	120	0	12	3	6	4	0	0	145
08:45	192	2	20	6	9	4	0	0	233	110	2	14	5	3	6	0	0	140
Hour	719	9	82	18	27	23	2	6	886	452	6	68	13	21	22	0	2	584
09:00	150	3	21	8	3	9	0	0	194	86	1	21	2	2	7	1	0	120
09:15	124	3	19	4	7	5	0	0	162	85	2	19	6	10	5	0	0	127
09:30	116	1	27	6	15	2	0	0	167	83	1	15	6	8	3	1	0	117
09:45	119	3	28	4	8	2	0	0	164	93	1	16	10	7	4	0	0	131
Hour	509	10	95	22	33	18	0	0	687	347	5	71	24	27	19	2	0	495
10:00	138	4	22	5	8	3	0	0	180	81	2	21	5	6	2	0	1	118
10:15	127	2	33	5	10	4	0	0	181	90	0	14	5	5	5	0	0	119
10:30	128	6	25	2	8	2	0	1	172	64	0	20	6	10	0	0	0	100
10:45	106	3	26	2	5	4	1	1	148	81	3	11	6	8	5	1	2	117
Hour	499	15	106	14	31	13	1	2	681	316	5	66	22	29	12	1	3	454
11:00	125	1	16	6	5	3	0	0	156	84	5	15	6	5	1	0	0	116
11:15	116	3	25	9	12	3	0	0	168	90	3	13	3	7	2	0	0	118
11:30	102	1	16	4	8	2	0	0	133	89	1	23	6	12	4	0	0	135
11:45	149	6	25	3	4	1	0	0	188	91	4	15	2	8	1	0	0	121
Hour	492	11	82	22	29	9	0	0	645	354	13	66	17	32	8	0	0	490
12:00	127	3	25	7	10	4	0	0	176	98	2	17	4	9	1	0	0	131
12:15	125	3	20	4	10	3	0	0	165	94	1	17	5	5	3	0	0	125
12:30	125	3	22	4	6	3	0	1	164	88	3	18	3	3	3	0	0	118
12:45	134	5	15	7	4	1	1	1	168	87	2	24	4	11	1	1	0	130
Hour	511	14	82	22	30	11	1	2	673	367	8	76	16	28	8	1	0	504
13:00	147	7	23	5	6	5	1	0	194	126	2	15	7	5	4	0	1	160
13:15	153	5	22	3	2	3	0	1	189	115	4	24	4	9	2	0	1	159
13:30	141	4	13	4	10	3	0	0	175	101	5	14	5	6	1	0	0	132
13:45	175	1	25	6	10	4	1	1	223	115	1	21	1	8	1	0	0	147
Hour	616	17	83	18	28	15	2	2	781	457	12	74	17	28	8	0	2	598
14:00	139	1	17	6	3	7	0	0	173	133	2	15	7	5	6	0	0	168
14:15	173	10	16	1	8	5	0	0	213	122	3	15	5	8	5	1	0	159
14:30	153	2	19	1	3	6	0	3	187	100	2	18	8	4	3	0	0	135
14:45	152	2	22	3	10	7	0	0	196	131	3	21	6	7	3	0	0	171
Hour	617	15	74	11	24	25	0	3	769	486	10	69	26	24	17	1	0	633
15:00	143	6	23	5	4	10	0	0	191	126	2	24	3	6	6	1	0	168
15:15	157	2	25	5	10	6	0	0	205	107	1	21	2	1	3	0	0	135
15:30	148	4	23	1	0	5	0	0	181	144	2	27	6	1	2	0	0	182
15:45	173	3	21	4	10	3	0	1	215	127	0	16	3	7	2	0	0	155
Hour	621	15	92	15	24	24	0	1	792	504	5	88	14	15	13	1	0	640
16:00	174	6	19	4	0	5	0	1	209	148	1	18	2	6	5	1	1	182
16:15	194	3	20	4	3	6	0	0	230	121	4	18	3	1	6	0	0	153
16:30	146	4	23	0	3	3	1	0	180	148	1	24	1	5	9	0	1	189
16:45	168	3	32	1	2	3	0	0	209	151	0	29	2	4	1	1	1	189
Hour	682	16	94	9	8	17	1	1	828	568	6	89	8	16	21	2	3	713
17:00	158	3	19	2	0	1	2	0	185	148	0	31	3	3	1	0	1	187
17:15	193	1	17	1	4	1	0	0	217	146	2	25	0	1	1	0	0	175
17:30	180	2	23	4	1	2	0	0	212	144	2	25	0	1	2	1	0	175
17:45	178	5	22	2	0	3	0	0	210	148	2	24	0	4	3	0	0	181
Hour	709	11	81	9	5	7	2	0	824	586	6	105	3	9	7	1	1	718
18:00	178	2	19	1	2	2	0	0	204	126	2	18	0	1	2	3	0	152
18:15	179	1	19	0	1	3	0	0	203	133	1	14	1	2	3	2	0	156
18:30	129	1	15	1	3	3	1	0	153	150	0	19	0	1	5	0	0	175
18:45	179	1	14	0	3	2	1	0	200	140	1	19	0	0	1	0	0	161
Hour	665	5	67	2	9	10	2	0	760	549	4	70	1	4	11	5	0	644
Total	7223	147	1110	176	261	208	12	19	9156	5312	86	909	172	258	160	14	11	6922

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	A to D - R147(N) to R153								Veh. Total	A to C - R147(N) to R147(S)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	49	0	11	0	1	3	0	0	64	80	2	40	2	1	3	0	0	128
07:15	39	0	15	0	0	3	0	0	57	89	3	39	2	2	7	0	0	142
07:30	55	1	10	0	2	3	0	0	71	105	2	31	4	2	7	0	0	151
07:45	58	1	10	4	3	3	0	0	79	98	0	20	2	2	7	1	0	130
Hour	201	2	46	4	6	12	0	0	271	372	7	130	10	7	24	1	0	551
08:00	56	0	9	1	3	2	0	1	72	126	1	16	3	4	2	0	0	152
08:15	49	0	5	1	3	3	0	1	62	89	0	8	3	3	5	0	1	109
08:30	90	2	6	0	0	3	1	0	102	119	3	19	4	4	4	1	2	156
08:45	68	1	9	5	2	1	0	0	86	109	2	9	2	8	3	0	0	133
Hour	263	3	29	7	8	9	1	2	322	443	6	52	12	19	14	1	3	550
09:00	61	1	5	1	0	4	0	0	72	94	2	16	7	3	5	0	0	127
09:15	56	1	9	2	3	0	0	0	71	75	1	11	2	4	5	0	0	98
09:30	43	1	13	3	2	0	0	0	62	81	0	14	3	13	2	0	0	113
09:45	43	2	17	0	2	1	0	0	65	74	1	11	4	6	1	0	0	97
Hour	203	5	44	6	7	5	0	0	270	324	4	52	16	26	13	0	0	435
10:00	46	3	9	3	2	0	0	0	63	89	1	13	3	5	3	0	0	114
10:15	50	1	13	2	1	1	0	0	68	67	1	17	3	10	3	0	0	101
10:30	48	3	10	1	0	0	0	0	62	85	3	16	1	6	2	0	1	114
10:45	47	3	15	1	2	1	1	0	70	66	0	13	1	5	3	0	0	88
Hour	191	10	47	7	5	2	1	0	263	307	5	59	8	26	11	0	1	417
11:00	46	1	9	2	2	0	0	1	61	75	0	7	3	3	3	0	1	92
11:15	50	1	11	5	4	2	0	0	73	74	2	15	4	8	1	0	0	104
11:30	35	0	5	2	3	0	0	0	45	67	0	11	2	4	2	0	0	86
11:45	65	4	8	1	1	0	0	0	79	70	2	17	2	4	1	0	0	96
Hour	196	6	33	10	10	2	0	1	258	286	4	50	11	19	7	0	1	378
12:00	69	1	9	1	2	0	0	0	82	70	2	17	6	8	4	0	0	107
12:15	54	0	10	2	2	1	0	1	70	70	3	10	2	8	2	0	0	95
12:30	46	0	8	2	1	1	0	0	58	76	3	13	2	5	2	0	0	101
12:45	63	0	7	4	0	1	0	2	77	69	5	7	3	3	0	0	0	87
Hour	232	1	34	9	5	3	0	3	287	285	13	47	13	24	8	0	0	390
13:00	58	1	9	3	2	2	0	0	75	82	5	13	3	5	3	2	0	113
13:15	67	3	5	0	1	1	0	1	78	98	3	19	3	1	2	0	0	126
13:30	66	1	6	2	3	1	0	0	79	77	3	9	2	7	2	0	0	100
13:45	67	0	7	0	0	1	0	0	75	93	0	17	5	9	2	1	0	127
Hour	258	5	27	5	6	5	0	1	307	350	11	58	13	22	9	3	0	466
14:00	64	1	5	4	1	4	0	0	79	84	1	13	3	3	4	0	0	108
14:15	74	3	4	0	3	1	0	0	85	92	7	12	1	5	4	0	0	121
14:30	63	0	3	1	1	2	0	3	73	83	2	14	0	2	4	0	0	105
14:45	79	0	8	1	2	4	0	0	94	87	2	16	2	8	3	0	1	119
Hour	280	4	20	6	7	11	0	3	331	346	12	55	6	18	15	0	1	453
15:00	67	2	9	0	2	3	0	0	83	73	3	15	4	2	7	0	0	104
15:15	74	1	11	2	2	2	0	0	92	83	2	15	3	8	4	0	0	115
15:30	74	2	8	0	0	1	0	0	85	72	2	15	1	0	4	0	0	94
15:45	85	0	4	1	0	0	0	0	90	80	4	15	3	9	3	0	1	115
Hour	300	5	32	3	4	6	0	0	350	308	11	60	11	19	18	0	1	428
16:00	97	2	5	2	1	1	0	0	108	81	3	16	2	0	4	0	1	107
16:15	105	3	6	1	1	1	0	2	119	77	1	13	2	2	5	0	0	100
16:30	73	2	8	0	1	1	1	0	86	82	2	15	0	1	2	0	0	102
16:45	94	1	11	0	1	1	0	1	109	69	2	22	1	2	2	0	0	98
Hour	369	8	30	3	4	4	1	3	422	309	8	66	5	5	13	0	1	407
17:00	75	2	9	0	0	0	0	0	86	87	0	9	2	0	1	2	0	101
17:15	92	0	9	1	0	0	0	0	102	103	1	9	0	4	1	0	0	118
17:30	91	2	9	0	0	1	0	0	103	91	1	16	3	1	1	0	0	113
17:45	84	0	9	1	0	0	0	0	94	90	5	9	1	0	3	0	0	108
Hour	342	4	36	2	0	1	0	0	385	371	7	43	6	5	6	2	0	440
18:00	90	1	6	1	1	0	0	0	99	88	1	14	0	1	2	0	0	106
18:15	90	1	7	0	1	2	0	0	101	92	0	12	0	0	1	0	1	106
18:30	47	1	4	1	1	0	0	0	54	76	0	9	0	2	3	1	0	91
18:45	79	0	6	0	1	1	1	0	88	114	1	7	0	2	1	0	0	125
Hour	306	3	23	2	4	3	1	0	342	370	2	42	0	5	7	1	1	428
Total	3141	56	401	64	66	63	4	13	3808	4071	90	714	111	195	145	8	9	5343

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	B to D - Timmons Hill to R153								Veh. Total	B to C - Timmons Hill to R147(S)								Veh. Total	
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	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	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	2	2	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	0	0	0	0
15:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	1
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hour	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0	2	2	2

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	C to B - R147(S) to Timmons Hill								Veh. Total	C to A - R147(S) to R147(N)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	1	1	1	0	0	0	0	0	3	29	0	5	1	4	0	0	0	39
07:15	2	0	0	0	0	0	0	0	2	40	2	17	2	11	5	0	0	77
07:30	8	1	0	0	0	0	0	0	9	48	0	9	1	4	3	0	0	65
07:45	11	1	2	1	0	0	0	0	15	59	2	14	3	3	5	0	0	86
Hour	22	3	3	1	0	0	0	0	29	176	4	45	7	22	13	0	0	267
08:00	16	0	3	1	0	0	0	0	20	63	1	18	3	5	6	0	0	96
08:15	23	1	3	0	0	0	0	0	27	70	2	15	2	4	2	0	0	95
08:30	27	0	1	0	0	0	0	0	28	91	0	5	1	4	4	0	0	105
08:45	38	3	1	1	0	1	0	0	44	61	0	9	4	3	5	0	0	82
Hour	104	4	8	2	0	1	0	0	119	285	3	47	10	16	17	0	0	378
09:00	36	3	2	0	0	0	0	0	41	67	1	12	2	3	6	1	0	92
09:15	35	0	0	0	0	0	0	0	35	56	1	15	5	5	5	0	0	87
09:30	16	1	2	0	0	0	0	0	19	46	1	7	6	4	4	0	0	68
09:45	11	1	1	0	0	0	0	1	14	59	0	9	9	6	3	0	0	86
Hour	98	5	5	0	0	0	0	1	109	228	3	43	22	18	18	1	0	333
10:00	10	1	3	0	0	0	0	0	14	54	0	12	1	3	2	0	0	72
10:15	20	1	2	0	0	0	0	0	23	55	0	7	4	3	4	0	0	73
10:30	13	0	1	0	0	0	0	0	14	43	0	14	4	9	0	0	0	70
10:45	22	2	2	0	0	0	0	0	26	48	1	12	5	3	4	0	0	73
Hour	65	4	8	0	0	0	0	0	77	200	1	45	14	18	10	0	0	288
11:00	23	1	2	0	0	0	0	0	26	46	3	8	4	4	1	0	0	66
11:15	19	0	3	0	0	0	0	0	22	60	1	12	3	8	2	0	0	86
11:30	17	1	0	0	0	0	0	1	19	49	0	12	4	7	4	0	0	76
11:45	22	1	1	0	0	0	0	0	24	64	2	9	0	5	1	0	0	81
Hour	81	3	6	0	0	0	0	1	91	219	6	41	11	24	8	0	0	309
12:00	16	2	2	0	0	0	0	0	20	65	0	11	2	6	1	0	0	85
12:15	14	0	2	0	0	0	0	0	16	60	1	9	1	5	3	0	0	79
12:30	13	1	3	0	0	0	0	0	17	66	1	9	3	3	2	0	0	84
12:45	15	1	1	0	0	0	0	0	17	50	2	19	3	9	0	1	0	84
Hour	58	4	8	0	0	0	0	0	70	241	4	48	9	23	6	1	0	332
13:00	12	1	1	0	0	0	0	0	14	74	2	11	7	5	3	0	0	102
13:15	11	3	3	0	0	0	0	0	17	68	1	16	4	6	2	0	0	97
13:30	17	3	0	0	0	0	0	0	20	61	4	6	3	6	1	0	0	81
13:45	25	1	4	0	0	0	0	0	30	69	0	16	1	5	1	0	0	92
Hour	65	8	8	0	0	0	0	0	81	272	7	49	15	22	7	0	0	372
14:00	18	1	1	1	0	2	0	0	23	84	2	11	4	4	6	0	0	111
14:15	14	3	0	0	0	0	0	0	17	81	4	10	5	7	4	1	0	112
14:30	27	1	0	1	0	0	0	0	29	62	1	11	5	3	3	0	0	85
14:45	21	2	0	0	0	0	0	0	23	95	2	18	2	7	3	0	0	127
Hour	80	7	1	2	0	2	0	0	92	322	9	50	16	21	16	1	0	435
15:00	32	0	3	0	0	0	0	0	35	88	2	18	3	4	6	1	0	122
15:15	27	0	0	0	0	0	0	0	27	87	1	15	2	1	2	0	0	108
15:30	20	4	3	0	0	0	0	0	27	101	1	16	4	0	2	0	0	124
15:45	20	0	0	0	0	1	0	0	21	92	0	14	2	8	2	0	0	118
Hour	99	4	6	0	0	1	0	0	110	368	4	63	11	13	12	1	0	472
16:00	27	1	2	1	0	0	0	0	31	108	2	15	2	5	5	1	4	142
16:15	19	1	2	0	0	0	0	0	22	97	2	14	3	1	6	0	0	123
16:30	16	1	3	0	0	0	0	0	20	115	1	19	0	5	7	0	0	147
16:45	18	1	2	0	0	0	0	0	21	112	1	20	1	3	1	1	1	140
Hour	80	4	9	1	0	0	0	0	94	432	6	68	6	14	19	2	5	552
17:00	13	1	1	0	0	0	0	0	15	103	1	20	1	3	1	0	0	129
17:15	12	0	2	0	0	0	1	0	15	104	3	18	0	1	1	0	0	127
17:30	19	1	2	0	0	0	0	0	22	98	2	19	0	0	2	1	0	122
17:45	14	3	2	0	0	0	0	0	19	116	2	21	1	3	3	0	0	146
Hour	58	5	7	0	0	0	1	0	71	421	8	78	2	7	7	1	0	524
18:00	16	1	1	0	0	0	0	0	18	91	1	15	0	1	2	2	0	112
18:15	7	3	1	0	0	0	0	0	11	76	1	10	1	2	3	2	0	95
18:30	15	1	2	0	0	0	0	0	18	80	0	12	0	1	5	0	0	98
18:45	18	0	0	0	0	0	0	0	18	101	0	12	0	0	1	0	0	114
Hour	56	5	4	0	0	0	0	0	65	348	2	49	1	4	11	4	0	419
Total	866	56	73	6	0	4	1	2	1008	3512	57	626	124	202	144	11	5	4681

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	C to D - R147(S) to R153								Veh. Total	D to C - R153 to R147(S)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	12	0	2	1	0	1	0	0	16	9	0	8	0	0	0	0	17	
07:15	13	0	4	2	0	1	0	0	20	14	0	3	0	0	0	0	17	
07:30	11	0	4	0	0	1	0	0	16	20	0	5	0	1	0	0	26	
07:45	17	0	2	0	0	0	0	0	19	22	0	2	0	0	0	0	24	
Hour	53	0	12	3	0	3	0	0	71	65	0	18	0	1	0	0	84	
08:00	36	0	1	0	0	1	0	0	38	20	0	1	0	0	2	0	25	
08:15	44	1	5	0	0	1	0	0	51	28	0	1	0	0	0	2	31	
08:30	27	0	2	1	0	0	0	0	30	19	0	1	0	0	1	0	21	
08:45	19	1	2	1	0	0	0	0	23	17	0	4	0	0	0	0	21	
Hour	126	2	10	2	0	2	0	0	142	84	0	7	0	0	2	1	98	
09:00	20	0	0	0	0	0	0	0	20	10	0	0	0	0	0	0	10	
09:15	31	0	2	2	0	0	0	0	35	12	0	2	1	1	1	0	17	
09:30	14	1	4	1	0	0	0	0	20	24	1	2	0	0	1	0	28	
09:45	14	0	7	2	2	1	0	0	26	17	1	4	0	0	0	0	22	
Hour	79	1	13	5	2	1	0	0	101	63	2	8	1	1	2	0	77	
10:00	17	1	4	0	0	0	0	0	22	16	0	3	0	1	1	0	21	
10:15	15	0	1	3	2	0	0	0	21	8	0	3	0	0	0	0	11	
10:30	15	0	3	0	1	0	0	0	19	15	0	3	1	0	0	0	19	
10:45	21	0	2	1	0	0	0	0	24	16	2	2	1	1	0	0	22	
Hour	68	1	10	4	3	0	0	0	86	55	2	11	2	2	1	0	73	
11:00	18	1	5	1	0	0	0	0	25	20	1	5	0	0	0	0	26	
11:15	16	0	5	0	0	0	0	0	21	14	0	1	0	0	0	0	15	
11:30	22	0	2	1	0	0	0	0	25	22	0	1	3	0	0	1	27	
11:45	25	1	3	1	2	0	0	0	32	20	0	7	0	0	0	0	27	
Hour	81	2	15	3	2	0	0	0	103	76	1	14	3	0	0	1	95	
12:00	25	0	0	0	0	0	0	0	25	13	0	2	1	0	0	0	16	
12:15	24	0	2	0	0	0	0	0	26	16	0	4	0	1	0	1	22	
12:30	14	0	5	1	1	0	0	0	21	15	0	6	0	1	0	0	22	
12:45	21	1	3	0	0	0	0	0	25	22	0	1	2	0	0	0	25	
Hour	84	1	10	1	1	0	0	0	97	66	0	13	3	2	0	1	85	
13:00	20	0	1	2	0	0	0	0	23	26	0	3	0	0	0	0	29	
13:15	29	0	1	0	1	1	0	0	32	20	0	2	3	1	0	0	26	
13:30	12	0	6	1	0	0	0	0	19	12	0	1	0	0	0	0	13	
13:45	22	0	1	0	1	0	0	0	24	20	0	1	1	1	0	0	23	
Hour	83	0	9	3	2	1	0	0	98	78	0	7	4	2	0	0	91	
14:00	17	0	3	0	0	1	0	0	21	24	0	3	1	0	0	0	28	
14:15	20	1	1	0	0	1	0	0	23	22	0	5	0	0	0	0	27	
14:30	30	0	4	0	1	1	0	0	36	11	0	1	0	0	0	0	12	
14:45	21	0	2	0	1	0	0	2	26	17	0	3	0	0	0	0	20	
Hour	88	1	10	0	2	3	0	2	106	74	0	12	1	0	0	0	87	
15:00	26	0	5	0	0	1	0	0	32	14	0	1	0	0	1	0	16	
15:15	23	1	3	0	0	0	1	0	28	13	0	5	1	1	1	1	22	
15:30	32	0	2	1	0	2	0	0	37	25	1	1	0	0	2	0	29	
15:45	27	1	2	0	1	0	0	0	31	18	0	4	1	0	0	0	23	
Hour	108	2	12	1	1	3	1	0	128	70	1	11	2	1	2	3	90	
16:00	28	0	5	0	1	1	0	5	40	16	0	2	0	0	0	0	18	
16:15	33	1	6	1	0	4	0	0	45	5	0	2	0	0	0	0	7	
16:30	43	1	2	0	0	2	1	0	49	11	1	2	0	0	0	0	14	
16:45	31	2	1	0	0	0	0	1	35	10	0	0	0	0	0	0	10	
Hour	135	4	14	1	1	7	1	6	169	42	1	6	0	0	0	0	49	
17:00	38	1	4	0	0	0	0	0	43	13	0	1	0	0	0	0	14	
17:15	41	1	4	0	0	0	0	0	46	11	0	2	0	0	0	0	13	
17:30	34	0	1	0	0	0	0	0	35	10	0	1	0	0	0	0	11	
17:45	33	0	2	0	1	0	0	0	36	11	0	2	0	0	0	0	13	
Hour	146	2	11	0	1	0	0	0	160	45	0	6	0	0	0	0	51	
18:00	42	1	5	0	0	0	0	0	48	12	0	0	0	0	0	0	12	
18:15	25	1	4	0	0	0	0	0	30	14	0	0	0	0	0	0	14	
18:30	28	0	4	0	0	0	0	0	32	18	0	2	0	0	0	0	20	
18:45	30	1	1	0	0	0	0	0	32	19	0	0	0	0	0	0	19	
Hour	125	3	14	0	0	0	0	0	142	63	0	2	0	0	0	0	65	
Total	1176	19	140	23	15	20	2	8	1403	781	7	115	16	9	7	4	945	

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	D to B - R153 to Timmons Hill								Veh. Total	D to A - R153 to R147(N)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	14	1	2	0	0	0	0	0	17	33	0	4	1	0	0	0	0	38
07:15	12	1	0	0	0	1	0	1	15	37	1	4	1	1	0	0	0	44
07:30	20	0	1	0	0	0	0	0	21	43	2	9	2	1	0	0	0	57
07:45	25	0	4	0	0	2	0	1	32	41	0	5	0	2	1	0	0	49
Hour	71	2	7	0	0	3	0	2	85	154	3	22	4	4	1	0	0	188
08:00	10	0	0	0	0	0	0	1	11	37	0	5	0	1	3	0	1	47
08:15	19	0	1	0	0	0	0	0	20	53	0	7	0	1	1	0	1	63
08:30	16	2	0	0	0	1	0	0	19	31	0	4	2	2	1	0	0	40
08:45	36	1	3	0	0	1	0	2	43	47	2	4	1	0	0	0	0	54
Hour	81	3	4	0	0	2	0	3	93	168	2	20	3	4	5	0	2	204
09:00	34	1	3	0	0	1	0	0	39	17	0	9	1	0	1	0	0	28
09:15	23	0	0	0	0	1	0	3	27	27	1	5	0	4	0	0	0	37
09:30	32	0	4	0	0	0	0	1	37	38	1	8	1	4	0	1	0	53
09:45	18	0	2	0	0	0	0	0	20	34	0	7	1	1	0	0	0	43
Hour	107	1	9	0	0	2	0	4	123	116	2	29	3	9	1	1	0	161
10:00	19	2	4	0	0	1	0	0	26	31	1	9	3	3	0	0	0	47
10:15	30	0	1	1	0	0	0	0	32	34	0	8	1	2	1	0	0	46
10:30	19	2	1	0	0	0	0	0	22	25	0	5	2	1	0	0	0	33
10:45	28	2	1	0	0	1	0	0	32	29	2	3	0	5	1	1	1	42
Hour	96	6	7	1	0	2	0	0	112	119	3	25	6	11	2	1	1	168
11:00	14	0	4	0	0	0	0	0	18	35	1	5	1	1	0	0	0	43
11:15	22	0	2	0	0	1	0	0	25	35	2	3	1	0	0	0	0	41
11:30	29	1	2	0	0	0	0	2	34	41	1	7	1	4	0	0	0	54
11:45	19	0	4	0	0	1	0	0	24	27	2	3	2	3	0	0	0	37
Hour	84	1	12	0	0	2	0	2	101	138	6	18	5	8	0	0	0	175
12:00	20	2	0	0	0	0	0	1	23	35	0	8	2	3	0	0	0	48
12:15	25	0	1	0	0	1	0	1	28	33	0	8	4	0	0	0	0	45
12:30	16	0	1	0	0	0	0	0	17	27	2	7	0	0	1	0	0	37
12:45	19	0	2	0	0	1	0	0	22	36	0	4	1	2	1	0	0	44
Hour	80	2	4	0	0	2	0	2	90	131	2	27	7	5	2	0	0	174
13:00	11	0	4	1	0	1	0	0	17	51	0	5	0	0	1	0	1	58
13:15	17	1	1	0	0	1	0	0	20	43	3	8	0	3	0	0	1	58
13:30	25	1	0	0	0	0	0	0	26	44	1	7	2	1	0	0	0	55
13:45	16	0	4	0	0	1	0	0	21	44	1	5	0	2	0	0	0	52
Hour	69	2	9	1	0	3	0	0	84	182	5	25	2	6	1	0	2	223
14:00	16	0	4	0	0	0	0	2	22	50	1	4	3	1	1	0	0	60
14:15	22	0	0	0	0	1	0	0	23	47	0	6	2	2	0	0	0	57
14:30	23	0	1	0	0	0	0	0	24	28	0	6	1	0	0	0	0	35
14:45	21	0	0	2	0	1	1	0	25	37	1	7	3	2	0	0	0	50
Hour	82	0	5	2	0	2	1	2	94	162	2	23	9	5	1	0	0	202
15:00	19	0	2	0	0	0	0	1	22	35	0	6	0	0	1	0	0	42
15:15	22	0	1	0	0	1	0	0	24	23	0	7	0	0	0	0	0	30
15:30	16	1	1	0	0	0	0	0	18	38	1	9	2	1	0	0	0	51
15:45	16	2	0	0	0	0	0	0	18	43	0	1	1	0	0	0	0	45
Hour	73	3	4	0	0	1	0	1	82	139	1	23	3	1	1	0	0	168
16:00	8	2	1	0	0	1	0	1	13	35	0	4	0	0	0	0	0	39
16:15	13	0	2	0	0	0	0	1	16	35	1	5	1	0	0	0	2	44
16:30	16	1	0	0	0	0	0	0	17	27	0	5	1	1	2	0	0	36
16:45	17	1	0	0	0	2	0	0	20	39	0	8	1	0	0	0	0	48
Hour	54	4	3	0	0	3	0	2	66	136	1	22	3	1	2	0	2	167
17:00	11	1	2	0	0	0	0	0	14	49	0	11	2	0	0	0	0	62
17:15	16	0	1	0	0	1	0	0	18	39	0	6	0	0	0	0	0	45
17:30	19	0	0	0	0	1	0	0	20	36	0	4	0	1	0	0	0	41
17:45	19	1	1	0	0	0	0	0	21	42	0	7	0	1	0	1	0	51
Hour	65	2	4	0	0	2	0	0	73	166	0	28	2	2	0	1	0	199
18:00	19	0	1	0	0	1	0	1	22	30	1	3	0	0	0	0	0	34
18:15	13	0	0	0	0	0	0	0	13	59	0	4	1	0	0	0	0	64
18:30	18	0	0	0	0	1	0	0	19	62	0	7	0	0	0	0	0	69
18:45	23	1	0	0	0	1	0	0	25	43	0	7	0	0	0	0	0	50
Hour	73	1	1	0	0	3	0	1	79	194	1	21	1	0	0	0	0	217
Total	935	27	69	4	0	27	1	19	1082	1805	28	283	48	56	16	3	7	2246



Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	To Arm A - R147(N)								Veh. Total	From Arm A - R147(N)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	62	0	9	2	4	0	0	0	77	129	2	51	2	2	6	0	0	192
07:15	77	3	21	3	12	5	0	0	121	128	3	54	2	2	10	0	0	199
07:30	91	2	18	3	5	3	0	0	122	160	3	41	4	4	10	0	0	222
07:45	100	2	19	3	5	6	0	0	135	156	1	30	6	5	10	1	0	209
Hour	330	7	67	11	26	14	0	0	455	573	9	176	14	13	36	1	0	822
08:00	100	1	23	3	6	9	0	1	143	182	1	25	4	7	4	0	1	224
08:15	123	2	22	2	5	3	0	1	158	138	0	13	4	6	8	0	3	172
08:30	122	0	9	3	6	5	0	0	145	209	5	25	4	4	7	2	2	258
08:45	108	2	13	5	3	5	0	0	136	177	3	18	7	10	4	0	0	219
Hour	453	5	67	13	20	22	0	2	582	706	9	81	19	27	23	2	6	873
09:00	84	1	21	3	3	7	1	0	120	155	3	21	8	3	9	0	0	199
09:15	83	2	20	5	9	5	0	0	124	131	2	20	4	7	5	0	0	169
09:30	84	2	15	7	8	4	1	0	121	124	1	27	6	15	2	0	0	175
09:45	93	0	16	10	7	3	0	0	129	117	3	28	4	8	2	0	0	162
Hour	344	5	72	25	27	19	2	0	494	527	9	96	22	33	18	0	0	705
10:00	85	1	21	4	6	2	0	0	119	135	4	22	6	7	3	0	0	177
10:15	89	0	15	5	5	5	0	0	119	117	2	30	5	11	4	0	0	169
10:30	68	0	19	6	10	0	0	0	103	133	6	26	2	6	2	0	1	176
10:45	77	3	15	5	8	5	1	2	116	113	3	28	2	7	4	1	0	158
Hour	319	4	70	20	29	12	1	2	457	498	15	106	15	31	13	1	1	680
11:00	81	4	13	5	5	1	0	0	109	121	1	16	5	5	3	0	2	153
11:15	95	3	15	4	8	2	0	0	127	124	3	26	9	12	3	0	0	177
11:30	90	1	19	5	11	4	0	0	130	102	0	16	4	7	2	0	0	131
11:45	91	4	12	2	8	1	0	0	118	135	6	25	3	5	1	0	0	175
Hour	357	12	59	16	32	8	0	0	484	482	10	83	21	29	9	0	2	636
12:00	100	0	19	4	9	1	0	0	133	139	3	26	7	10	4	0	0	189
12:15	93	1	17	5	5	3	0	0	124	124	3	20	4	10	3	0	1	165
12:30	93	3	16	3	3	3	0	0	121	122	3	21	4	6	3	0	0	159
12:45	86	2	23	4	11	1	1	0	128	132	5	14	7	3	1	0	2	164
Hour	372	6	75	16	28	8	1	0	506	517	14	81	22	29	11	0	3	677
13:00	125	2	16	7	5	4	0	1	160	140	6	22	6	7	5	2	0	188
13:15	111	4	24	4	9	2	0	1	155	165	6	24	3	2	3	0	1	204
13:30	105	5	13	5	7	1	0	0	136	143	4	15	4	10	3	0	0	179
13:45	113	1	21	1	7	1	0	0	144	160	0	24	5	9	3	1	0	202
Hour	454	12	74	17	28	8	0	2	595	608	16	85	18	28	14	3	1	773
14:00	134	3	15	7	5	7	0	0	171	148	2	18	7	4	8	0	0	187
14:15	128	4	16	7	9	4	1	0	169	166	10	16	1	8	5	0	0	206
14:30	90	1	17	6	3	3	0	0	120	146	2	17	1	3	6	0	3	178
14:45	132	3	25	5	9	3	0	0	177	166	2	24	3	10	7	0	1	213
Hour	484	11	73	25	26	17	1	0	637	626	16	75	12	25	26	0	4	784
15:00	123	2	24	3	4	7	1	0	164	140	5	24	4	4	10	0	0	187
15:15	110	1	22	2	1	2	0	0	138	157	3	26	5	10	6	0	0	207
15:30	139	2	25	6	1	2	0	0	175	146	4	23	1	0	5	0	0	179
15:45	135	0	15	3	8	2	0	0	163	165	4	19	4	9	3	0	1	205
Hour	507	5	86	14	14	13	1	0	640	608	16	92	14	23	24	0	1	778
16:00	143	2	19	2	5	5	1	4	181	178	5	21	4	1	5	0	1	215
16:15	132	3	19	4	1	6	0	2	167	182	4	19	3	3	6	0	2	219
16:30	142	1	24	1	6	9	0	0	183	155	4	23	0	2	3	1	0	188
16:45	151	1	28	2	3	1	1	1	188	163	3	33	1	3	3	0	1	207
Hour	568	7	90	9	15	21	2	7	719	678	16	96	8	9	17	1	4	829
17:00	152	1	31	3	3	1	0	0	191	162	2	18	2	0	1	2	0	187
17:15	143	3	24	0	1	1	0	0	172	195	1	18	1	4	1	0	0	220
17:30	134	2	23	0	1	2	1	0	163	182	3	25	3	1	2	0	0	216
17:45	158	2	28	1	4	3	1	0	197	174	5	18	2	0	3	0	0	202
Hour	587	8	106	4	9	7	2	0	723	713	11	79	8	5	7	2	0	825
18:00	121	2	18	0	1	2	2	0	146	178	2	20	1	2	2	0	0	205
18:15	135	1	14	2	2	3	2	0	159	182	1	19	0	1	3	0	1	207
18:30	142	0	19	0	1	5	0	0	167	123	1	13	1	3	3	1	0	145
18:45	144	0	19	0	0	1	0	0	164	193	1	13	0	3	2	1	0	213
Hour	542	3	70	2	4	11	4	0	636	676	5	65	2	9	10	2	1	770
Total	5317	85	909	172	258	160	14	13	6928	7212	146	1115	175	261	208	12	23	9152

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	To Arm C - R147(S)								Veh. Total	From Arm C - R147(S)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	89	2	48	2	1	3	0	0	145	42	1	8	2	4	1	0	0	58
07:15	103	3	42	2	2	7	0	0	159	55	2	21	4	11	6	0	0	99
07:30	125	2	36	4	3	7	0	0	177	67	1	13	1	4	4	0	0	90
07:45	120	0	22	2	2	7	1	0	154	87	3	18	4	3	5	0	0	120
Hour	437	7	148	10	8	24	1	0	635	251	7	60	11	22	16	0	0	367
08:00	146	1	17	3	4	4	0	2	177	115	1	22	4	5	7	0	0	154
08:15	117	0	9	3	3	5	0	3	140	137	4	23	2	4	3	0	0	173
08:30	138	3	20	4	4	4	2	2	177	145	0	8	2	4	4	0	0	163
08:45	126	2	13	2	8	3	0	0	154	118	4	12	6	3	6	0	0	149
Hour	527	6	59	12	19	16	2	7	648	515	9	65	14	16	20	0	0	639
09:00	104	2	16	7	3	5	0	0	137	123	4	14	2	3	6	1	0	153
09:15	87	1	13	3	5	6	0	0	115	122	1	17	7	5	5	0	0	157
09:30	105	1	16	3	13	3	0	0	141	76	3	13	7	4	4	0	0	107
09:45	91	2	15	4	6	1	0	0	119	84	1	17	11	8	4	0	1	126
Hour	387	6	60	17	27	15	0	0	512	405	9	61	27	20	19	1	1	543
10:00	105	1	16	3	6	4	0	0	135	81	2	19	1	3	2	0	0	108
10:15	75	1	20	3	10	3	0	1	113	90	1	10	7	5	4	0	0	117
10:30	100	3	19	2	6	2	0	1	133	71	0	18	4	10	0	0	0	103
10:45	82	2	15	2	6	3	0	0	110	91	3	16	6	3	4	0	0	123
Hour	362	7	70	10	28	12	0	2	491	333	6	63	18	21	10	0	0	451
11:00	95	1	12	3	3	3	0	1	118	87	5	15	5	4	1	0	0	117
11:15	88	2	16	4	8	1	0	0	119	95	1	20	3	8	2	0	0	129
11:30	89	0	12	5	4	2	0	1	113	88	1	14	5	7	4	0	1	120
11:45	90	2	24	2	4	1	0	0	123	111	4	13	1	7	1	0	0	137
Hour	362	5	64	14	19	7	0	2	473	381	11	62	14	26	8	0	1	503
12:00	83	2	19	7	8	4	0	0	123	106	2	13	2	6	1	0	0	130
12:15	86	3	14	2	9	2	0	1	117	98	1	13	1	5	3	0	0	121
12:30	91	3	19	2	6	2	0	0	123	93	2	17	4	4	2	0	0	122
12:45	91	5	8	5	3	0	0	0	112	86	4	23	3	9	0	1	0	126
Hour	351	13	60	16	26	8	0	1	475	383	9	66	10	24	6	1	0	499
13:00	108	5	16	3	5	3	2	0	142	106	3	13	9	5	3	0	0	139
13:15	118	3	21	6	2	2	0	0	152	108	4	20	4	7	3	0	0	146
13:30	89	3	10	2	7	2	0	0	113	90	7	12	4	6	1	0	0	120
13:45	113	0	18	6	10	2	1	0	150	116	1	21	1	6	1	0	0	146
Hour	428	11	65	17	24	9	3	0	557	420	15	66	18	24	8	0	0	551
14:00	108	1	16	4	3	4	0	0	136	119	3	15	5	4	9	0	0	155
14:15	114	7	17	1	5	4	0	0	148	115	8	11	5	7	5	1	0	152
14:30	94	2	15	0	2	4	0	0	117	119	2	15	6	4	4	0	0	150
14:45	104	2	19	2	8	3	0	1	139	137	4	20	2	8	3	0	2	176
Hour	420	12	67	7	18	15	0	1	540	490	17	61	18	23	21	1	2	633
15:00	87	3	16	4	2	8	0	0	120	146	2	26	3	4	7	1	0	189
15:15	96	2	20	4	9	5	1	0	137	137	2	18	2	1	2	1	0	163
15:30	97	3	16	1	0	4	2	0	123	153	5	21	5	0	4	0	0	188
15:45	98	4	19	4	9	3	0	1	138	139	1	16	2	9	3	0	0	170
Hour	378	12	71	13	20	20	3	1	518	575	10	81	12	14	16	2	0	710
16:00	97	3	18	2	0	4	0	1	125	163	3	22	3	6	6	1	9	213
16:15	82	1	15	2	2	5	0	0	107	149	4	22	4	1	10	0	0	190
16:30	93	3	17	0	1	2	0	0	116	174	3	24	0	5	9	1	0	216
16:45	79	2	22	1	2	2	0	0	108	161	4	23	1	3	1	1	2	196
Hour	351	9	72	5	5	13	0	1	456	647	14	91	8	15	26	3	11	815
17:00	100	0	10	2	0	1	2	0	115	154	3	25	1	3	1	0	0	187
17:15	114	1	11	0	4	1	0	0	131	157	4	24	0	1	1	1	0	188
17:30	101	1	17	3	1	1	0	0	124	151	3	22	0	0	2	1	0	179
17:45	101	5	11	1	0	3	0	0	121	163	5	25	1	4	3	0	0	201
Hour	416	7	49	6	5	6	2	0	491	625	15	96	2	8	7	2	0	755
18:00	100	1	14	0	1	2	0	1	119	149	3	21	0	1	2	2	0	178
18:15	106	0	12	0	0	1	0	1	120	108	5	15	1	2	3	2	0	136
18:30	94	0	11	0	2	3	1	0	111	123	1	18	0	1	5	0	0	148
18:45	133	1	7	0	2	1	0	0	144	149	1	13	0	0	1	0	0	164
Hour	433	2	44	0	5	7	1	2	494	529	10	67	1	4	11	4	0	626
Total	4852	97	829	127	204	152	12	17	6290	5554	132	839	153	217	168	14	15	7092

Site No. 2
Location R147(N) / Timmons Hill / R147(S) / R153
Date Tuesday 29 November 2022

Time	To Arm D - R153								Veh. Total	From Arm D - R153								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	61	0	13	1	1	4	0	0	80	56	1	14	1	0	0	0	0	72
07:15	52	0	19	2	0	4	0	0	77	63	2	7	1	1	1	0	1	76
07:30	66	1	14	0	2	4	0	1	88	83	2	15	2	2	0	0	0	104
07:45	75	1	12	4	3	3	0	0	98	88	0	11	0	2	3	0	1	105
Hour	254	2	58	7	6	15	0	1	343	290	5	47	4	5	4	0	2	357
08:00	92	0	10	1	3	3	0	1	110	67	0	6	0	1	5	0	4	83
08:15	93	1	10	1	3	4	0	1	113	100	0	9	0	1	1	0	3	114
08:30	117	2	8	1	0	3	1	0	132	66	2	5	2	2	2	1	0	80
08:45	87	2	11	6	2	1	0	0	109	100	3	11	1	0	1	0	2	118
Hour	389	5	39	9	8	11	1	2	464	333	5	31	3	4	9	1	9	395
09:00	81	1	5	1	0	4	0	0	92	61	1	12	1	0	2	0	0	77
09:15	87	1	11	4	3	0	0	0	106	62	1	7	1	5	2	0	3	81
09:30	57	2	17	4	2	0	0	0	82	94	2	14	1	4	1	1	1	118
09:45	57	2	24	2	4	2	0	0	91	69	1	13	1	1	0	0	0	85
Hour	282	6	57	11	9	6	0	0	371	286	5	46	4	10	5	1	4	361
10:00	63	4	13	3	2	0	0	0	85	66	3	16	3	4	2	0	0	94
10:15	65	1	14	5	3	1	0	0	89	72	0	12	2	2	1	0	0	89
10:30	63	3	13	1	1	0	0	0	81	59	2	9	3	1	0	0	0	74
10:45	68	3	17	2	2	1	1	0	94	73	6	6	1	6	2	1	1	96
Hour	259	11	57	11	8	2	1	0	349	270	11	43	9	13	5	1	1	353
11:00	64	2	14	3	2	0	0	1	86	69	2	14	1	1	0	0	0	87
11:15	66	1	16	5	4	2	0	0	94	71	2	6	1	0	1	0	0	81
11:30	57	0	7	3	3	0	0	0	70	92	2	10	4	4	0	0	3	115
11:45	90	5	11	2	3	0	0	0	111	66	2	14	2	3	1	0	0	88
Hour	277	8	48	13	12	2	0	1	361	298	8	44	8	8	2	0	3	371
12:00	94	1	9	1	2	0	0	0	107	68	2	10	3	3	0	0	1	87
12:15	78	0	12	2	2	1	0	1	96	74	0	13	4	1	1	0	2	95
12:30	60	0	13	3	2	1	0	0	79	58	2	14	0	1	1	0	0	76
12:45	84	1	10	4	0	1	0	3	103	77	0	7	3	2	2	0	0	91
Hour	316	2	44	10	6	3	0	4	385	277	4	44	10	7	4	0	3	349
13:00	78	1	10	5	2	2	0	2	100	88	0	12	1	0	2	0	1	104
13:15	96	3	6	0	2	2	0	1	110	80	4	11	3	4	1	0	1	104
13:30	78	1	12	3	3	1	0	0	98	81	2	8	2	1	0	0	0	94
13:45	89	0	8	0	1	1	0	0	99	80	1	10	1	3	1	0	0	96
Hour	341	5	36	8	8	6	0	3	407	329	7	41	7	8	4	0	2	398
14:00	81	1	8	4	1	5	0	1	101	90	1	11	4	1	1	0	2	110
14:15	94	4	5	0	3	2	0	0	108	91	0	11	2	2	1	0	0	107
14:30	93	0	7	1	2	3	0	4	110	62	0	8	1	0	0	0	0	71
14:45	100	0	10	1	3	4	0	2	120	75	1	10	5	2	1	1	0	95
Hour	368	5	30	6	9	14	0	7	439	318	2	40	12	5	3	1	2	383
15:00	93	2	14	0	2	4	0	0	115	68	0	9	0	0	2	0	1	80
15:15	97	2	14	2	2	2	1	1	121	58	0	13	1	1	2	1	0	76
15:30	106	2	10	1	0	3	0	0	122	79	3	11	2	1	0	2	0	98
15:45	112	1	6	1	1	0	0	0	121	77	2	5	2	0	0	0	0	86
Hour	408	7	44	4	5	9	1	1	479	282	5	38	5	2	4	3	1	340
16:00	125	2	10	2	2	2	0	6	149	59	2	7	0	0	1	0	1	70
16:15	138	4	12	2	1	5	0	2	164	53	1	9	1	0	0	0	3	67
16:30	116	3	10	0	1	3	2	1	136	54	2	7	1	1	2	0	0	67
16:45	125	3	12	0	1	1	0	3	145	66	1	8	1	0	2	0	0	78
Hour	504	12	44	4	5	11	2	12	594	232	6	31	3	1	5	0	4	282
17:00	113	3	13	0	0	0	0	1	130	73	1	14	2	0	0	0	0	90
17:15	133	1	13	1	0	0	0	0	148	66	0	9	0	0	1	0	0	76
17:30	125	2	10	0	0	1	0	1	139	65	0	5	0	1	1	0	0	72
17:45	117	0	11	1	1	0	0	1	131	72	1	10	0	1	0	1	0	85
Hour	488	6	47	2	1	1	0	3	548	276	2	38	2	2	2	1	0	323
18:00	132	2	11	1	1	0	0	2	149	61	1	4	0	0	1	0	1	68
18:15	115	2	11	0	1	2	0	0	131	86	0	4	1	0	0	0	0	91
18:30	75	1	8	1	1	0	0	0	86	98	0	9	0	0	1	0	0	108
18:45	109	1	7	0	1	1	1	1	121	85	1	7	0	0	1	0	0	94
Hour	431	6	37	2	4	3	1	3	487	330	2	24	1	0	3	0	1	361
Total	4317	75	541	87	81	83	6	37	5227	3521	62	467	68	65	50	8	32	4273

Site No. 3
Location R153(W) / Sommerville Apts / R153(E)
Date Tuesday 29 November 2022

Time	A to C - R153(W) to R153(E)								Veh. Total	A to B - R153(W) to Sommerville Apts								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	61	0	14	1	1	4	0	0	81	0	0	0	0	0	0	0	0	0
07:15	51	0	19	1	0	4	0	0	75	1	0	0	0	0	0	0	0	1
07:30	55	2	14	2	1	4	0	0	78	7	0	0	0	0	0	0	0	7
07:45	70	0	11	4	4	2	0	0	91	9	0	0	0	0	1	0	0	10
Hour	237	2	58	8	6	14	0	0	325	17	0	0	0	0	1	0	0	18
08:00	59	0	10	0	2	2	0	0	73	28	0	0	0	0	0	0	1	29
08:15	44	0	9	1	4	5	0	0	63	55	1	1	0	0	0	0	0	57
08:30	55	1	6	1	0	3	1	0	67	51	2	1	0	0	0	0	0	54
08:45	84	2	10	6	2	1	0	0	105	8	0	2	0	0	0	0	0	10
Hour	242	3	35	8	8	11	1	0	308	142	3	4	0	0	0	0	1	150
09:00	69	1	5	1	0	4	0	0	80	7	0	1	0	0	0	0	0	8
09:15	80	0	10	4	3	0	0	0	97	7	0	1	0	0	0	0	0	8
09:30	45	2	16	3	2	0	0	0	68	12	0	0	0	0	0	0	0	12
09:45	53	2	19	3	4	2	0	0	83	9	0	5	0	0	0	0	0	14
Hour	247	5	50	11	9	6	0	0	328	35	0	7	0	0	0	0	0	42
10:00	55	3	14	3	2	0	0	0	77	7	1	0	0	0	0	0	0	8
10:15	51	2	13	5	3	1	0	0	75	13	0	0	0	0	0	0	0	13
10:30	52	2	10	1	1	0	0	0	66	10	1	3	0	0	0	0	0	14
10:45	47	2	15	2	2	1	1	0	70	16	1	2	0	0	0	0	0	19
Hour	205	9	52	11	8	2	1	0	288	46	3	5	0	0	0	0	0	54
11:00	53	1	14	2	2	0	0	0	72	14	1	1	1	0	0	0	1	18
11:15	55	1	13	4	4	2	0	0	79	7	0	1	1	0	0	0	0	9
11:30	44	0	9	3	3	0	0	0	59	11	0	0	0	0	0	0	0	11
11:45	82	5	11	2	3	0	0	0	103	11	0	0	0	0	0	0	0	11
Hour	234	7	47	11	12	2	0	0	313	43	1	2	2	0	0	0	1	49
12:00	82	1	10	1	2	0	0	0	96	8	0	0	0	0	0	0	0	8
12:15	74	0	9	1	2	1	0	1	88	5	0	2	0	0	0	0	0	7
12:30	51	0	13	3	2	1	0	0	70	9	0	0	0	0	0	0	0	9
12:45	68	1	8	3	0	1	0	3	84	15	0	2	0	0	0	0	0	17
Hour	275	2	40	8	6	3	0	4	338	37	0	4	0	0	0	0	0	41
13:00	73	1	9	5	2	2	0	1	93	7	0	0	0	0	0	0	1	8
13:15	88	3	5	0	2	2	0	0	100	7	0	1	0	0	0	0	1	9
13:30	74	1	11	3	2	1	0	0	92	5	0	1	0	0	0	0	0	6
13:45	73	0	8	1	2	1	0	0	85	18	0	0	0	0	0	0	0	18
Hour	308	5	33	9	8	6	0	1	370	37	0	2	0	0	0	0	2	41
14:00	67	1	8	4	1	5	0	1	87	9	0	0	0	0	0	0	0	9
14:15	85	4	4	0	3	2	0	0	98	10	0	1	0	0	0	0	0	11
14:30	84	0	8	1	2	3	0	2	100	8	0	0	0	0	0	0	1	9
14:45	92	0	9	1	3	4	0	1	110	6	0	1	0	0	0	0	0	7
Hour	328	5	29	6	9	14	0	4	395	33	0	2	0	0	0	0	1	36
15:00	80	2	12	0	1	4	0	0	99	9	0	0	0	0	0	0	0	9
15:15	78	2	13	3	3	2	1	1	103	17	0	0	0	0	0	0	0	17
15:30	92	1	10	1	0	3	0	0	107	21	1	0	0	0	0	0	0	22
15:45	102	1	5	1	1	0	0	0	110	13	0	1	0	0	0	0	0	14
Hour	352	6	40	5	5	9	1	1	419	60	1	1	0	0	0	0	0	62
16:00	113	2	9	1	1	2	0	4	132	10	0	0	0	0	0	0	0	10
16:15	115	3	8	3	2	5	0	2	138	23	1	4	0	0	0	0	0	28
16:30	99	3	10	0	1	3	2	0	118	22	0	0	0	0	0	0	0	22
16:45	102	3	12	0	1	1	0	2	121	15	0	0	0	0	0	0	0	15
Hour	429	11	39	4	5	11	2	8	509	70	1	4	0	0	0	0	0	75
17:00	101	3	13	0	0	0	0	1	118	16	0	0	0	0	0	0	0	16
17:15	117	1	13	1	0	0	0	0	132	12	0	0	0	0	0	0	0	12
17:30	117	1	9	0	0	1	0	0	128	11	0	0	0	0	0	0	0	11
17:45	99	2	12	1	1	0	0	1	116	10	0	0	0	0	0	0	0	10
Hour	434	7	47	2	1	1	0	2	494	49	0	0	0	0	0	0	0	49
18:00	129	0	11	1	1	0	0	0	142	4	0	0	0	0	0	0	0	4
18:15	104	3	11	0	1	2	0	0	121	7	0	0	0	0	0	0	0	7
18:30	77	0	7	1	1	0	0	1	87	3	0	1	0	0	0	0	0	4
18:45	100	1	7	0	1	1	1	0	111	3	0	0	0	0	0	0	0	3
Hour	410	4	36	2	4	3	1	1	461	17	0	1	0	0	0	0	0	18
Total	3701	66	506	85	81	82	6	21	4548	586	9	32	2	0	1	0	5	635

Site No. 3
Location R153(W) / Sommerville Apts / R153(E)
Date Tuesday 29 November 2022

Time	B to A - Sommerville Apts to R153(W)								Veh. Total	B to C - Sommerville Apts to R153(E)								Veh. Total	
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		
07:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
07:15	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
07:30	1	0	2	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1
07:45	4	0	1	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	1
Hour	6	0	3	0	0	0	0	0	9	3	0	1	0	0	0	0	0	0	4
08:00	16	0	0	0	0	1	0	0	17	1	0	0	0	0	0	0	0	0	1
08:15	35	0	1	0	0	0	0	2	38	2	0	0	0	0	0	0	0	0	2
08:30	34	2	0	0	0	0	0	1	37	8	0	0	0	0	0	0	0	0	8
08:45	7	0	2	0	0	0	0	1	10	4	0	1	0	0	0	0	0	0	5
Hour	92	2	3	0	0	1	0	4	102	15	0	1	0	0	0	0	0	0	16
09:00	4	0	0	0	0	0	0	0	4	4	0	1	0	0	0	0	0	0	5
09:15	5	0	1	0	0	0	0	2	8	2	0	0	0	0	0	0	0	0	2
09:30	10	0	0	0	0	0	0	0	10	5	0	0	0	0	1	0	0	0	6
09:45	10	0	1	0	0	0	0	0	11	2	0	1	0	0	0	0	0	0	3
Hour	29	0	2	0	0	0	0	2	33	13	0	2	0	0	1	0	0	0	16
10:00	8	1	3	0	0	0	0	0	12	4	0	0	0	0	0	0	0	0	4
10:15	5	0	1	0	0	0	0	0	6	3	0	0	0	0	0	0	0	0	3
10:30	11	0	2	0	0	0	0	0	13	2	0	0	0	0	0	0	0	0	2
10:45	18	1	2	0	0	0	0	0	21	2	0	2	0	0	0	0	0	0	4
Hour	42	2	8	0	0	0	0	0	52	11	0	2	0	0	0	0	0	0	13
11:00	12	1	2	0	0	0	0	0	15	4	0	0	0	0	0	0	0	0	4
11:15	8	0	1	1	0	0	0	0	10	2	0	0	0	0	0	0	0	0	2
11:30	14	0	1	1	0	0	0	1	17	3	0	1	0	0	0	0	0	0	4
11:45	9	0	1	0	0	0	0	0	10	3	0	0	0	0	0	0	0	0	3
Hour	43	1	5	2	0	0	0	1	52	12	0	1	0	0	0	0	0	0	13
12:00	14	0	0	0	0	0	0	2	16	1	0	0	0	0	0	0	0	0	1
12:15	10	0	1	1	0	0	0	0	12	2	0	0	0	0	0	0	0	0	2
12:30	10	0	2	0	0	0	0	0	12	4	0	0	0	0	0	0	0	0	4
12:45	10	0	0	0	0	0	0	0	10	4	0	0	0	0	0	0	0	0	4
Hour	44	0	3	1	0	0	0	2	50	11	0	0	0	0	0	0	0	0	11
13:00	18	0	3	0	0	0	0	0	21	9	0	0	0	0	0	0	0	0	9
13:15	16	0	0	0	0	0	0	1	17	6	0	0	0	0	0	0	0	0	6
13:30	3	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1
13:45	7	0	2	0	0	0	0	0	9	3	0	1	0	0	0	0	0	0	4
Hour	44	0	5	0	0	0	0	1	50	19	0	1	0	0	0	0	0	0	20
14:00	7	0	1	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	3
14:15	5	0	1	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	4
14:30	8	0	1	0	0	0	0	0	9	2	0	0	0	0	0	0	0	0	2
14:45	12	0	0	0	0	0	0	0	12	2	0	0	0	0	0	0	0	0	2
Hour	32	0	3	0	0	0	0	0	35	11	0	0	0	0	0	0	0	0	11
15:00	10	0	0	0	0	0	0	0	10	4	0	1	0	0	0	0	0	0	5
15:15	14	0	2	0	0	0	0	0	16	1	0	0	0	0	0	0	0	0	1
15:30	11	0	1	0	0	0	0	0	12	8	0	0	0	0	0	0	0	0	8
15:45	26	0	0	0	0	0	0	0	26	13	0	1	0	0	0	0	0	0	14
Hour	61	0	3	0	0	0	0	0	64	26	0	2	0	0	0	0	0	0	28
16:00	23	1	0	0	0	0	0	0	24	8	0	0	0	0	0	0	0	0	8
16:15	12	0	2	0	0	0	0	1	15	9	0	0	0	0	0	0	0	0	9
16:30	22	0	1	0	0	0	0	0	23	6	1	0	0	0	0	0	0	0	7
16:45	25	0	0	0	0	0	0	0	25	15	0	1	0	0	0	0	0	0	16
Hour	82	1	3	0	0	0	0	1	87	38	1	1	0	0	0	0	0	0	40
17:00	22	0	0	0	0	0	0	0	22	19	0	0	0	0	0	0	0	0	19
17:15	20	0	0	0	0	0	0	0	20	12	0	0	0	0	0	0	0	0	12
17:30	7	0	0	0	0	0	0	0	7	11	0	0	0	0	0	0	0	0	11
17:45	8	0	0	0	0	0	0	0	8	5	0	0	0	0	0	0	0	0	5
Hour	57	0	0	0	0	0	0	0	57	47	0	0	0	0	0	0	0	0	47
18:00	15	0	0	0	0	0	0	0	15	9	0	0	0	0	0	0	0	0	9
18:15	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	0	5
18:30	4	0	1	0	0	0	0	0	5	4	0	0	0	0	0	0	0	0	4
18:45	4	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	4
Hour	27	0	1	0	0	0	0	0	28	22	0	0	0	0	0	0	0	0	22
Total	559	6	39	3	0	1	0	11	619	228	1	11	0	0	1	0	0	0	241

Site No. 3
Location R153(W) / Sommerville Apts / R153(E)
Date Tuesday 29 November 2022

Time	C to B - R153(E) to Sommerville Apts								Veh. Total	C to A - R153(E) to R153(W)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	1	0	0	0	0	0	0	0	1	59	1	13	1	0	0	0	0	74
07:15	1	0	0	0	0	0	0	0	1	61	2	7	1	1	1	0	0	73
07:30	0	0	0	0	0	0	0	0	0	84	2	14	2	2	0	0	0	104
07:45	2	0	0	0	0	0	0	0	2	83	0	10	0	2	3	0	0	98
Hour	4	0	0	0	0	0	0	0	4	287	5	44	4	5	4	0	0	349
08:00	1	0	1	0	0	0	0	0	2	54	0	6	0	1	4	0	4	69
08:15	0	0	0	0	0	0	0	0	0	53	0	8	0	1	1	0	0	63
08:30	6	0	0	0	0	0	0	0	6	44	0	5	2	2	2	1	0	56
08:45	11	0	1	0	0	0	0	0	12	72	3	8	1	0	1	0	0	85
Hour	18	0	2	0	0	0	0	0	20	223	3	27	3	4	8	1	4	273
09:00	4	0	1	0	0	1	0	0	6	64	1	11	1	2	2	0	1	82
09:15	9	0	0	0	0	0	0	0	9	63	1	6	2	3	2	1	1	79
09:30	6	0	0	0	0	0	0	0	6	74	1	13	1	4	1	0	2	96
09:45	3	0	2	0	0	0	0	0	5	61	2	13	0	1	0	0	0	77
Hour	22	0	3	0	0	1	0	0	26	262	5	43	4	10	5	1	4	334
10:00	4	0	0	0	0	0	0	0	4	56	1	11	3	4	2	0	0	77
10:15	3	0	0	0	0	0	0	0	3	63	0	13	1	2	1	0	0	80
10:30	10	0	1	0	0	0	0	0	11	44	1	7	3	1	0	0	0	56
10:45	6	0	1	0	0	0	0	0	7	59	5	5	1	6	2	1	1	80
Hour	23	0	2	0	0	0	0	0	25	222	7	36	8	13	5	1	1	293
11:00	3	0	1	0	0	0	0	0	4	55	1	12	1	1	0	0	0	70
11:15	2	0	0	0	0	0	0	1	3	66	3	4	1	0	1	0	1	76
11:30	5	0	0	0	0	0	0	0	5	74	1	9	2	4	0	0	1	91
11:45	4	0	1	0	0	0	0	0	5	63	1	14	2	3	1	0	1	85
Hour	14	0	2	0	0	0	0	1	17	258	6	39	6	8	2	0	3	322
12:00	6	0	1	0	0	0	0	0	7	58	3	8	2	3	0	0	0	74
12:15	2	0	1	0	0	0	0	0	3	57	0	16	3	1	2	0	0	79
12:30	4	0	0	0	0	0	0	0	4	55	1	11	0	1	1	0	0	69
12:45	1	0	1	0	0	0	0	0	2	62	0	5	3	2	1	0	0	73
Hour	13	0	3	0	0	0	0	0	16	232	4	40	8	7	4	0	0	295
13:00	5	0	0	0	0	0	0	0	5	71	1	9	1	0	2	0	2	86
13:15	3	0	0	0	0	0	0	0	3	66	3	12	3	4	1	0	1	90
13:30	4	0	0	0	0	0	0	0	4	77	2	9	2	2	0	0	0	92
13:45	14	0	1	0	0	0	0	0	15	70	1	11	1	3	1	0	0	87
Hour	26	0	1	0	0	0	0	0	27	284	7	41	7	9	4	0	3	355
14:00	1	0	1	0	0	0	0	0	2	83	1	11	4	0	1	0	2	102
14:15	1	0	0	0	0	0	0	0	1	78	0	8	2	2	1	0	0	91
14:30	2	0	1	0	0	0	0	0	3	58	0	7	1	1	0	0	0	67
14:45	6	0	1	0	0	0	0	0	7	62	1	11	5	1	2	1	0	83
Hour	10	0	3	0	0	0	0	0	13	281	2	37	12	4	4	1	2	343
15:00	6	0	1	0	0	0	0	0	7	51	0	9	1	0	1	2	0	64
15:15	3	0	0	0	0	0	0	0	3	54	0	10	0	2	2	0	0	68
15:30	7	0	0	0	0	0	0	0	7	63	4	11	3	0	0	0	0	81
15:45	4	0	0	0	0	0	0	0	4	54	2	3	1	0	1	0	1	62
Hour	20	0	1	0	0	0	0	0	21	222	6	33	5	2	4	2	1	275
16:00	2	0	1	0	0	0	0	0	3	43	2	6	2	0	0	0	0	53
16:15	4	0	0	0	0	0	0	0	4	35	0	8	0	1	0	0	1	45
16:30	7	0	0	0	0	0	0	0	7	31	2	6	2	0	4	0	0	45
16:45	7	0	0	0	0	0	0	0	7	40	0	8	0	0	0	0	0	48
Hour	20	0	1	0	0	0	0	0	21	149	4	28	4	1	4	0	1	191
17:00	5	0	0	0	0	0	0	0	5	46	1	18	2	0	1	1	0	69
17:15	2	0	0	0	0	0	0	0	2	43	1	6	0	0	0	0	0	50
17:30	2	0	0	0	0	0	0	0	2	61	1	5	0	1	1	0	0	69
17:45	6	0	0	0	0	0	0	0	6	63	1	10	0	1	0	1	0	76
Hour	15	0	0	0	0	0	0	0	15	213	4	39	2	2	2	2	0	264
18:00	1	0	0	0	0	0	0	0	1	49	1	4	0	0	1	0	1	56
18:15	1	0	0	0	0	0	0	0	1	72	0	5	1	0	0	0	0	78
18:30	1	0	0	0	0	0	0	0	1	92	0	9	0	0	1	0	0	102
18:45	0	0	0	0	0	0	0	1	1	74	1	7	0	0	1	0	0	83
Hour	3	0	0	0	0	0	0	1	4	287	2	25	1	0	3	0	1	319
Total	188	0	18	0	0	1	0	2	209	2920	55	432	64	65	49	8	20	3613



Site No. 3
Location R153(W) / Sommerville Apts / R153(E)
Date Tuesday 29 November 2022

Time	To Arm A - R153(W)								Veh. Total	From Arm A - R153(W)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	59	1	13	1	0	0	0	0	74	61	0	14	1	1	4	0	0	81
07:15	62	2	7	1	1	1	0	0	74	52	0	19	1	0	4	0	0	76
07:30	85	2	16	2	2	0	0	0	107	62	2	14	2	1	4	0	0	85
07:45	87	0	11	0	2	3	0	0	103	79	0	11	4	4	3	0	0	101
Hour	293	5	47	4	5	4	0	0	358	254	2	58	8	6	15	0	0	343
08:00	70	0	6	0	1	5	0	4	86	87	0	10	0	2	2	0	1	102
08:15	88	0	9	0	1	1	0	2	101	99	1	10	1	4	5	0	0	120
08:30	78	2	5	2	2	2	1	1	93	106	3	7	1	0	3	1	0	121
08:45	79	3	10	1	0	1	0	1	95	92	2	12	6	2	1	0	0	115
Hour	315	5	30	3	4	9	1	8	375	384	6	39	8	8	11	1	1	458
09:00	68	1	11	1	2	2	0	1	86	76	1	6	1	0	4	0	0	88
09:15	68	1	7	2	3	2	1	3	87	87	0	11	4	3	0	0	0	105
09:30	84	1	13	1	4	1	0	2	106	57	2	16	3	2	0	0	0	80
09:45	71	2	14	0	1	0	0	0	88	62	2	24	3	4	2	0	0	97
Hour	291	5	45	4	10	5	1	6	367	282	5	57	11	9	6	0	0	370
10:00	64	2	14	3	4	2	0	0	89	62	4	14	3	2	0	0	0	85
10:15	68	0	14	1	2	1	0	0	86	64	2	13	5	3	1	0	0	88
10:30	55	1	9	3	1	0	0	0	69	62	3	13	1	1	0	0	0	80
10:45	77	6	7	1	6	2	1	1	101	63	3	17	2	2	1	1	0	89
Hour	264	9	44	8	13	5	1	1	345	251	12	57	11	8	2	1	0	342
11:00	67	2	14	1	1	0	0	0	85	67	2	15	3	2	0	0	1	90
11:15	74	3	5	2	0	1	0	1	86	62	1	14	5	4	2	0	0	88
11:30	88	1	10	3	4	0	0	2	108	55	0	9	3	3	0	0	0	70
11:45	72	1	15	2	3	1	0	1	95	93	5	11	2	3	0	0	0	114
Hour	301	7	44	8	8	2	0	4	374	277	8	49	13	12	2	0	1	362
12:00	72	3	8	2	3	0	0	2	90	90	1	10	1	2	0	0	0	104
12:15	67	0	17	4	1	2	0	0	91	79	0	11	1	2	1	0	1	95
12:30	65	1	13	0	1	1	0	0	81	60	0	13	3	2	1	0	0	79
12:45	72	0	5	3	2	1	0	0	83	83	1	10	3	0	1	0	3	101
Hour	276	4	43	9	7	4	0	2	345	312	2	44	8	6	3	0	4	379
13:00	89	1	12	1	0	2	0	2	107	80	1	9	5	2	2	0	2	101
13:15	82	3	12	3	4	1	0	2	107	95	3	6	0	2	2	0	1	109
13:30	80	2	9	2	2	0	0	0	95	79	1	12	3	2	1	0	0	98
13:45	77	1	13	1	3	1	0	0	96	91	0	8	1	2	1	0	0	103
Hour	328	7	46	7	9	4	0	4	405	345	5	35	9	8	6	0	3	411
14:00	90	1	12	4	0	1	0	2	110	76	1	8	4	1	5	0	1	96
14:15	83	0	9	2	2	1	0	0	97	95	4	5	0	3	2	0	0	109
14:30	66	0	8	1	1	0	0	0	76	92	0	8	1	2	3	0	3	109
14:45	74	1	11	5	1	2	1	0	95	98	0	10	1	3	4	0	1	117
Hour	313	2	40	12	4	4	1	2	378	361	5	31	6	9	14	0	5	431
15:00	61	0	9	1	0	1	2	0	74	89	2	12	0	1	4	0	0	108
15:15	68	0	12	0	2	2	0	0	84	95	2	13	3	3	2	1	1	120
15:30	74	4	12	3	0	0	0	0	93	113	2	10	1	0	3	0	0	129
15:45	80	2	3	1	0	1	0	1	88	115	1	6	1	1	0	0	0	124
Hour	283	6	36	5	2	4	2	1	339	412	7	41	5	5	9	1	1	481
16:00	66	3	6	2	0	0	0	0	77	123	2	9	1	1	2	0	4	142
16:15	47	0	10	0	1	0	0	2	60	138	4	12	3	2	5	0	2	166
16:30	53	2	7	2	0	4	0	0	68	121	3	10	0	1	3	2	0	140
16:45	65	0	8	0	0	0	0	0	73	117	3	12	0	1	1	0	2	136
Hour	231	5	31	4	1	4	0	2	278	499	12	43	4	5	11	2	8	584
17:00	68	1	18	2	0	1	1	0	91	117	3	13	0	0	0	0	1	134
17:15	63	1	6	0	0	0	0	0	70	129	1	13	1	0	0	0	0	144
17:30	68	1	5	0	1	1	0	0	76	128	1	9	0	0	1	0	0	139
17:45	71	1	10	0	1	0	1	0	84	109	2	12	1	1	0	0	1	126
Hour	270	4	39	2	2	2	2	0	321	483	7	47	2	1	1	0	2	543
18:00	64	1	4	0	0	1	0	1	71	133	0	11	1	1	0	0	0	146
18:15	76	0	5	1	0	0	0	0	82	111	3	11	0	1	2	0	0	128
18:30	96	0	10	0	0	1	0	0	107	80	0	8	1	1	0	0	1	91
18:45	78	1	7	0	0	1	0	0	87	103	1	7	0	1	1	1	0	114
Hour	314	2	26	1	0	3	0	1	347	427	4	37	2	4	3	1	1	479
Total	3479	61	471	67	65	50	8	31	4232	4287	75	538	87	81	83	6	26	5183

Site No. 3
Location R153(W) / Sommerville Apts / R153(E)
Date Tuesday 29 November 2022

Time	To Arm B - Sommerville Apts								Veh. Total	From Arm B - Sommerville Apts								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
07:15	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2
07:30	7	0	0	0	0	0	0	0	7	2	0	2	0	0	0	0	0	4
07:45	11	0	0	0	0	1	0	0	12	5	0	1	0	0	0	0	0	6
Hour	21	0	0	0	0	1	0	0	22	9	0	4	0	0	0	0	0	13
08:00	29	0	1	0	0	0	0	1	31	17	0	0	0	0	1	0	0	18
08:15	55	1	1	0	0	0	0	0	57	37	0	1	0	0	0	0	2	40
08:30	57	2	1	0	0	0	0	0	60	42	2	0	0	0	0	0	1	45
08:45	19	0	3	0	0	0	0	0	22	11	0	3	0	0	0	0	1	15
Hour	160	3	6	0	0	0	0	1	170	107	2	4	0	0	1	0	4	118
09:00	11	0	2	0	0	1	0	0	14	8	0	1	0	0	0	0	0	9
09:15	16	0	1	0	0	0	0	0	17	7	0	1	0	0	0	0	2	10
09:30	18	0	0	0	0	0	0	0	18	15	0	0	0	0	1	0	0	16
09:45	12	0	7	0	0	0	0	0	19	12	0	2	0	0	0	0	0	14
Hour	57	0	10	0	0	1	0	0	68	42	0	4	0	0	1	0	2	49
10:00	11	1	0	0	0	0	0	0	12	12	1	3	0	0	0	0	0	16
10:15	16	0	0	0	0	0	0	0	16	8	0	1	0	0	0	0	0	9
10:30	20	1	4	0	0	0	0	0	25	13	0	2	0	0	0	0	0	15
10:45	22	1	3	0	0	0	0	0	26	20	1	4	0	0	0	0	0	25
Hour	69	3	7	0	0	0	0	0	79	53	2	10	0	0	0	0	0	65
11:00	17	1	2	1	0	0	0	1	22	16	1	2	0	0	0	0	0	19
11:15	9	0	1	1	0	0	0	1	12	10	0	1	1	0	0	0	0	12
11:30	16	0	0	0	0	0	0	0	16	17	0	2	1	0	0	0	1	21
11:45	15	0	1	0	0	0	0	0	16	12	0	1	0	0	0	0	0	13
Hour	57	1	4	2	0	0	0	2	66	55	1	6	2	0	0	0	1	65
12:00	14	0	1	0	0	0	0	0	15	15	0	0	0	0	0	0	2	17
12:15	7	0	3	0	0	0	0	0	10	12	0	1	1	0	0	0	0	14
12:30	13	0	0	0	0	0	0	0	13	14	0	2	0	0	0	0	0	16
12:45	16	0	3	0	0	0	0	0	19	14	0	0	0	0	0	0	0	14
Hour	50	0	7	0	0	0	0	0	57	55	0	3	1	0	0	0	2	61
13:00	12	0	0	0	0	0	0	1	13	27	0	3	0	0	0	0	0	30
13:15	10	0	1	0	0	0	0	1	12	22	0	0	0	0	0	0	1	23
13:30	9	0	1	0	0	0	0	0	10	4	0	0	0	0	0	0	0	4
13:45	32	0	1	0	0	0	0	0	33	10	0	3	0	0	0	0	0	13
Hour	63	0	3	0	0	0	0	2	68	63	0	6	0	0	0	0	1	70
14:00	10	0	1	0	0	0	0	0	11	10	0	1	0	0	0	0	0	11
14:15	11	0	1	0	0	0	0	0	12	9	0	1	0	0	0	0	0	10
14:30	10	0	1	0	0	0	0	1	12	10	0	1	0	0	0	0	0	11
14:45	12	0	2	0	0	0	0	0	14	14	0	0	0	0	0	0	0	14
Hour	43	0	5	0	0	0	0	1	49	43	0	3	0	0	0	0	0	46
15:00	15	0	1	0	0	0	0	0	16	14	0	1	0	0	0	0	0	15
15:15	20	0	0	0	0	0	0	0	20	15	0	2	0	0	0	0	0	17
15:30	28	1	0	0	0	0	0	0	29	19	0	1	0	0	0	0	0	20
15:45	17	0	1	0	0	0	0	0	18	39	0	1	0	0	0	0	0	40
Hour	80	1	2	0	0	0	0	0	83	87	0	5	0	0	0	0	0	92
16:00	12	0	1	0	0	0	0	0	13	31	1	0	0	0	0	0	0	32
16:15	27	1	4	0	0	0	0	0	32	21	0	2	0	0	0	0	1	24
16:30	29	0	0	0	0	0	0	0	29	28	1	1	0	0	0	0	0	30
16:45	22	0	0	0	0	0	0	0	22	40	0	1	0	0	0	0	0	41
Hour	90	1	5	0	0	0	0	0	96	120	2	4	0	0	0	0	1	127
17:00	21	0	0	0	0	0	0	0	21	41	0	0	0	0	0	0	0	41
17:15	14	0	0	0	0	0	0	0	14	32	0	0	0	0	0	0	0	32
17:30	13	0	0	0	0	0	0	0	13	18	0	0	0	0	0	0	0	18
17:45	16	0	0	0	0	0	0	0	16	13	0	0	0	0	0	0	0	13
Hour	64	0	0	0	0	0	0	0	64	104	0	0	0	0	0	0	0	104
18:00	5	0	0	0	0	0	0	0	5	24	0	0	0	0	0	0	0	24
18:15	8	0	0	0	0	0	0	0	8	9	0	0	0	0	0	0	0	9
18:30	4	0	1	0	0	0	0	0	5	8	0	1	0	0	0	0	0	9
18:45	3	0	0	0	0	0	0	1	4	8	0	0	0	0	0	0	0	8
Hour	20	0	1	0	0	0	0	1	22	49	0	1	0	0	0	0	0	50
Total	774	9	50	2	0	2	0	7	844	787	7	50	3	0	2	0	11	860

Site No. 3
Location R153(W) / Sommerville Apts / R153(E)
Date Tuesday 29 November 2022

Time	To Arm C - R153(E)								Veh. Total	From Arm C - R153(E)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	61	0	15	1	1	4	0	0	82	60	1	13	1	0	0	0	0	75
07:15	52	0	19	1	0	4	0	0	76	62	2	7	1	1	1	0	0	74
07:30	56	2	14	2	1	4	0	0	79	84	2	14	2	2	0	0	0	104
07:45	71	0	11	4	4	2	0	0	92	85	0	10	0	2	3	0	0	100
Hour	240	2	59	8	6	14	0	0	329	291	5	44	4	5	4	0	0	353
08:00	60	0	10	0	2	2	0	0	74	55	0	7	0	1	4	0	4	71
08:15	46	0	9	1	4	5	0	0	65	53	0	8	0	1	1	0	0	63
08:30	63	1	6	1	0	3	1	0	75	50	0	5	2	2	2	1	0	62
08:45	88	2	11	6	2	1	0	0	110	83	3	9	1	0	1	0	0	97
Hour	257	3	36	8	8	11	1	0	324	241	3	29	3	4	8	1	4	293
09:00	73	1	6	1	0	4	0	0	85	68	1	12	1	2	3	0	1	88
09:15	82	0	10	4	3	0	0	0	99	72	1	6	2	3	2	1	1	88
09:30	50	2	16	3	2	1	0	0	74	80	1	13	1	4	1	0	2	102
09:45	55	2	20	3	4	2	0	0	86	64	2	15	0	1	0	0	0	82
Hour	260	5	52	11	9	7	0	0	344	284	5	46	4	10	6	1	4	360
10:00	59	3	14	3	2	0	0	0	81	60	1	11	3	4	2	0	0	81
10:15	54	2	13	5	3	1	0	0	78	66	0	13	1	2	1	0	0	83
10:30	54	2	10	1	1	0	0	0	68	54	1	8	3	1	0	0	0	67
10:45	49	2	17	2	2	1	1	0	74	65	5	6	1	6	2	1	1	87
Hour	216	9	54	11	8	2	1	0	301	245	7	38	8	13	5	1	1	318
11:00	57	1	14	2	2	0	0	0	76	58	1	13	1	1	0	0	0	74
11:15	57	1	13	4	4	2	0	0	81	68	3	4	1	0	1	0	2	79
11:30	47	0	10	3	3	0	0	0	63	79	1	9	2	4	0	0	1	96
11:45	85	5	11	2	3	0	0	0	106	67	1	15	2	3	1	0	1	90
Hour	246	7	48	11	12	2	0	0	326	272	6	41	6	8	2	0	4	339
12:00	83	1	10	1	2	0	0	0	97	64	3	9	2	3	0	0	0	81
12:15	76	0	9	1	2	1	0	1	90	59	0	17	3	1	2	0	0	82
12:30	55	0	13	3	2	1	0	0	74	59	1	11	0	1	1	0	0	73
12:45	72	1	8	3	0	1	0	3	88	63	0	6	3	2	1	0	0	75
Hour	286	2	40	8	6	3	0	4	349	245	4	43	8	7	4	0	0	311
13:00	82	1	9	5	2	2	0	1	102	76	1	9	1	0	2	0	2	91
13:15	94	3	5	0	2	2	0	0	106	69	3	12	3	4	1	0	1	93
13:30	75	1	11	3	2	1	0	0	93	81	2	9	2	2	0	0	0	96
13:45	76	0	9	1	2	1	0	0	89	84	1	12	1	3	1	0	0	102
Hour	327	5	34	9	8	6	0	1	390	310	7	42	7	9	4	0	3	382
14:00	70	1	8	4	1	5	0	1	90	84	1	12	4	0	1	0	2	104
14:15	89	4	4	0	3	2	0	0	102	79	0	8	2	2	1	0	0	92
14:30	86	0	8	1	2	3	0	2	102	60	0	8	1	1	0	0	0	70
14:45	94	0	9	1	3	4	0	1	112	68	1	12	5	1	2	1	0	90
Hour	339	5	29	6	9	14	0	4	406	291	2	40	12	4	4	1	2	356
15:00	84	2	13	0	1	4	0	0	104	57	0	10	1	0	1	2	0	71
15:15	79	2	13	3	3	2	1	1	104	57	0	10	0	2	2	0	0	71
15:30	100	1	10	1	0	3	0	0	115	70	4	11	3	0	0	0	0	88
15:45	115	1	6	1	1	0	0	0	124	58	2	3	1	0	1	0	1	66
Hour	378	6	42	5	5	9	1	1	447	242	6	34	5	2	4	2	1	296
16:00	121	2	9	1	1	2	0	4	140	45	2	7	2	0	0	0	0	56
16:15	124	3	8	3	2	5	0	2	147	39	0	8	0	1	0	0	1	49
16:30	105	4	10	0	1	3	2	0	125	38	2	6	2	0	4	0	0	52
16:45	117	3	13	0	1	1	0	2	137	47	0	8	0	0	0	0	0	55
Hour	467	12	40	4	5	11	2	8	549	169	4	29	4	1	4	0	1	212
17:00	120	3	13	0	0	0	0	1	137	51	1	18	2	0	1	1	0	74
17:15	129	1	13	1	0	0	0	0	144	45	1	6	0	0	0	0	0	52
17:30	128	1	9	0	0	1	0	0	139	63	1	5	0	1	1	0	0	71
17:45	104	2	12	1	1	0	0	1	121	69	1	10	0	1	0	1	0	82
Hour	481	7	47	2	1	1	0	2	541	228	4	39	2	2	2	2	0	279
18:00	138	0	11	1	1	0	0	0	151	50	1	4	0	0	1	0	1	57
18:15	109	3	11	0	1	2	0	0	126	73	0	5	1	0	0	0	0	79
18:30	81	0	7	1	1	0	0	1	91	93	0	9	0	0	1	0	0	103
18:45	104	1	7	0	1	1	1	0	115	74	1	7	0	0	1	0	1	84
Hour	432	4	36	2	4	3	1	1	483	290	2	25	1	0	3	0	2	323
Total	3929	67	517	85	81	83	6	21	4789	3108	55	450	64	65	50	8	22	3822

Site No. 4
Location R153(W) / R153(SE) / Boyne Rd
Date Tuesday 29 November 2022

Time	A to C - R153(W) to Boyne Rd								Veh. Total	A to B - R153(W) to R153(SE)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	10	0	5	0	0	0	0	0	15	49	0	11	1	1	4	0	0	66
07:15	7	0	2	0	0	0	0	0	9	43	0	15	1	0	3	0	0	62
07:30	8	0	2	0	0	1	0	0	11	52	0	12	2	1	4	0	2	73
07:45	5	0	3	0	3	0	0	0	11	64	0	10	4	1	2	0	0	81
Hour	30	0	12	0	3	1	0	0	46	208	0	48	8	3	13	0	2	282
08:00	11	0	5	0	0	0	0	0	16	48	1	5	0	2	2	0	0	58
08:15	5	0	3	0	0	0	0	0	8	37	1	6	1	4	5	0	0	54
08:30	17	0	0	0	0	0	0	0	17	42	1	6	1	0	3	1	0	54
08:45	17	2	0	1	0	0	0	0	20	68	0	11	5	2	1	0	0	87
Hour	50	2	8	1	0	0	0	0	61	195	3	28	7	8	11	1	0	253
09:00	8	0	0	0	0	1	0	0	9	60	1	6	1	0	3	0	0	71
09:15	15	0	0	0	0	0	0	0	15	57	0	9	4	3	0	0	0	73
09:30	4	0	4	1	1	1	0	0	11	42	2	13	2	1	0	0	0	60
09:45	12	0	5	1	1	0	0	0	19	42	2	15	1	3	2	0	0	65
Hour	39	0	9	2	2	2	0	0	54	201	5	43	8	7	5	0	0	269
10:00	15	1	7	1	0	0	0	0	24	48	2	7	3	2	0	0	0	62
10:15	11	0	2	1	1	0	0	0	15	44	2	11	4	2	1	0	0	64
10:30	18	1	3	0	0	0	0	0	22	36	1	7	1	1	0	0	0	46
10:45	10	1	1	1	0	0	0	0	13	38	1	16	1	2	1	1	0	60
Hour	54	3	13	3	1	0	0	0	74	166	6	41	9	7	2	1	0	232
11:00	11	0	4	0	0	0	0	0	15	46	1	10	2	2	0	0	0	61
11:15	7	0	4	0	1	0	0	0	12	54	1	9	4	3	2	0	0	73
11:30	10	0	1	0	0	0	0	0	11	38	0	9	3	3	0	0	0	53
11:45	25	2	0	0	1	0	0	0	28	61	3	11	2	2	0	0	0	79
Hour	53	2	9	0	2	0	0	0	66	199	5	39	11	10	2	0	0	266
12:00	17	0	4	0	0	0	0	0	21	67	1	6	1	2	0	0	0	77
12:15	14	0	1	1	0	0	0	0	16	60	0	9	0	2	1	0	0	72
12:30	13	0	2	0	1	0	0	0	16	44	0	10	3	1	1	0	0	59
12:45	21	0	2	0	0	0	0	1	24	57	1	6	3	0	1	0	2	70
Hour	65	0	9	1	1	0	0	1	77	228	2	31	7	5	3	0	2	278
13:00	13	1	1	0	1	0	0	0	16	70	0	8	5	1	2	0	1	87
13:15	21	0	1	0	1	0	0	0	23	67	3	4	0	1	2	0	0	77
13:30	13	0	4	0	1	0	0	0	18	58	1	8	3	1	0	0	0	71
13:45	19	0	1	0	0	0	0	0	20	62	0	8	1	1	2	0	0	74
Hour	66	1	7	0	3	0	0	0	77	257	4	28	9	4	6	0	1	309
14:00	13	0	3	1	0	0	0	0	17	52	1	5	3	2	5	0	3	71
14:15	18	1	2	0	0	0	0	0	21	72	3	2	0	3	2	0	0	82
14:30	22	0	0	1	1	0	0	0	24	66	0	7	0	1	3	0	0	77
14:45	18	0	2	1	1	0	0	0	22	73	0	7	0	0	4	0	1	85
Hour	71	1	7	3	2	0	0	0	84	263	4	21	3	6	14	0	4	315
15:00	11	0	4	0	0	2	0	0	17	75	2	11	0	3	2	0	0	93
15:15	23	0	4	1	0	1	0	0	29	54	2	9	2	3	1	1	1	73
15:30	19	0	2	0	0	0	0	0	21	76	1	7	1	0	3	0	0	88
15:45	28	0	2	0	1	0	0	0	31	98	1	4	1	0	0	0	0	104
Hour	81	0	12	1	1	3	0	0	98	303	6	31	4	6	6	1	1	358
16:00	22	0	4	0	0	0	0	1	27	104	2	5	1	1	2	0	0	115
16:15	26	2	2	0	1	1	0	0	32	105	1	8	3	1	3	0	1	122
16:30	25	0	2	0	0	1	0	0	28	81	4	6	0	1	3	2	0	97
16:45	21	1	2	0	0	0	0	0	24	99	2	12	0	1	1	0	1	116
Hour	94	3	10	0	1	2	0	1	111	389	9	31	4	4	9	2	2	450
17:00	12	1	5	0	0	0	0	0	18	107	2	7	0	0	0	0	1	117
17:15	28	0	5	0	0	0	0	0	33	104	1	10	1	0	0	0	0	116
17:30	22	0	0	0	0	0	0	0	22	105	1	8	0	0	1	0	0	115
17:45	17	0	2	1	1	0	0	0	21	95	2	7	0	0	0	0	1	105
Hour	79	1	12	1	1	0	0	0	94	411	6	32	1	0	1	0	2	453
18:00	28	0	0	0	0	0	0	0	28	113	0	12	1	1	0	0	0	127
18:15	26	2	0	0	1	0	0	0	29	88	1	10	0	0	2	0	0	101
18:30	20	0	0	0	0	0	0	0	20	64	0	5	1	1	0	0	0	71
18:45	18	0	2	0	0	0	0	0	20	89	1	4	0	1	1	1	1	98
Hour	92	2	2	0	1	0	0	0	97	354	2	31	2	3	3	1	1	397
Total	774	15	110	12	18	8	0	2	939	3174	52	404	73	63	75	6	15	3862

Site No. 4
Location R153(W) / R153(SE) / Boyne Rd
Date Tuesday 29 November 2022

Time	B to A - R153(SE) to R153(W)								Veh. Total	B to C - R153(SE) to Boyne Rd								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	47	0	9	1	0	0	0	0	57	6	0	1	0	0	0	0	0	7
07:15	47	0	6	1	1	1	0	1	57	7	0	1	0	0	1	0	0	9
07:30	66	1	10	2	2	0	0	0	81	5	0	0	0	0	0	0	5	
07:45	70	0	14	0	2	1	0	0	87	10	0	2	0	0	1	0	13	
Hour	230	1	39	4	5	2	0	1	282	28	0	4	0	0	2	0	34	
08:00	28	0	4	0	0	2	0	6	40	4	0	1	0	0	0	0	5	
08:15	53	0	6	1	0	1	0	0	61	6	0	0	0	0	0	0	6	
08:30	39	0	7	0	2	2	1	0	51	5	0	0	0	0	0	0	5	
08:45	45	2	6	1	0	1	0	0	55	4	0	0	0	0	1	0	5	
Hour	165	2	23	2	2	6	1	6	207	19	0	1	0	0	1	0	21	
09:00	53	1	7	1	0	1	0	0	63	4	0	0	0	0	0	0	4	
09:15	56	2	6	1	3	1	1	0	70	6	0	1	0	0	0	0	7	
09:30	70	0	9	1	4	0	0	2	86	5	0	0	0	0	0	0	5	
09:45	53	2	16	0	1	0	0	0	72	3	0	2	0	0	0	0	5	
Hour	232	5	38	3	8	2	1	2	291	18	0	3	0	0	0	0	21	
10:00	45	1	2	3	2	2	0	0	55	7	0	1	0	1	0	0	10	
10:15	45	0	6	1	1	1	0	0	54	4	0	1	0	0	0	0	5	
10:30	43	0	4	3	1	0	0	2	53	5	0	3	0	0	0	0	8	
10:45	53	3	5	1	5	1	1	1	70	4	0	2	0	0	0	0	6	
Hour	186	4	17	8	9	4	1	3	232	20	0	7	0	1	0	0	29	
11:00	41	0	8	1	1	0	0	0	51	2	0	2	0	0	0	0	4	
11:15	52	2	4	1	0	1	0	1	61	1	0	1	1	0	0	0	3	
11:30	58	1	4	2	4	0	0	1	70	5	0	1	0	0	0	0	6	
11:45	49	0	12	2	2	1	0	0	66	1	0	0	1	0	0	0	2	
Hour	200	3	28	6	7	2	0	2	248	9	0	4	2	0	0	0	15	
12:00	50	1	7	0	2	0	0	0	60	9	0	0	0	0	0	0	9	
12:15	47	0	9	3	0	1	0	0	60	5	0	3	0	0	0	0	8	
12:30	46	3	10	1	1	1	0	0	62	2	0	0	0	0	0	0	2	
12:45	39	0	5	2	2	1	0	0	49	5	0	1	0	0	0	0	6	
Hour	182	4	31	6	5	3	0	0	231	21	0	4	0	0	0	0	25	
13:00	52	0	10	3	0	2	0	1	68	6	0	0	0	1	0	0	7	
13:15	62	3	9	1	3	1	0	1	80	5	0	0	0	0	0	0	5	
13:30	63	2	8	0	1	0	0	0	74	3	0	2	0	0	0	0	5	
13:45	74	1	9	2	2	1	0	0	89	2	0	0	0	0	1	0	3	
Hour	251	6	36	6	6	4	0	2	311	16	0	2	0	1	1	0	20	
14:00	63	0	10	3	0	0	0	1	77	6	0	0	0	0	0	0	6	
14:15	61	1	7	1	2	1	0	0	73	4	0	0	0	0	0	0	4	
14:30	53	0	8	1	1	0	0	0	63	9	0	4	0	0	0	0	13	
14:45	46	1	6	2	1	2	1	0	59	5	0	1	0	0	0	0	6	
Hour	223	2	31	7	4	3	1	1	272	24	0	5	0	0	0	0	29	
15:00	49	0	6	1	0	1	2	0	59	3	0	1	0	0	0	2	6	
15:15	44	0	10	0	2	2	0	0	58	7	0	0	0	0	0	0	7	
15:30	55	4	8	2	0	0	0	0	69	9	0	1	0	0	1	0	11	
15:45	55	2	3	1	0	1	0	1	63	6	0	1	0	0	0	0	7	
Hour	203	6	27	4	2	4	2	1	249	25	0	3	0	0	1	2	31	
16:00	39	2	5	1	0	0	0	0	47	4	0	2	0	0	0	0	6	
16:15	35	1	8	1	1	0	0	1	47	0	0	1	0	0	0	0	1	
16:30	26	0	2	1	0	2	0	0	31	3	0	1	0	0	0	0	4	
16:45	38	0	8	0	0	0	0	0	46	5	0	1	0	0	0	0	6	
Hour	138	3	23	3	1	2	0	1	171	12	0	5	0	0	0	0	17	
17:00	45	0	16	2	0	1	1	0	65	9	0	0	0	0	0	0	9	
17:15	42	1	3	0	0	0	0	0	46	8	0	0	0	0	0	0	8	
17:30	40	1	5	0	1	1	0	0	48	6	0	1	0	0	0	0	7	
17:45	71	1	5	0	1	1	1	0	80	8	0	1	0	0	0	0	9	
Hour	198	3	29	2	2	3	2	0	239	31	0	2	0	0	0	0	33	
18:00	37	1	6	0	0	0	0	1	45	4	0	0	0	0	0	0	4	
18:15	65	0	8	1	0	0	0	0	74	5	0	0	0	0	0	0	5	
18:30	66	0	3	0	0	1	0	0	70	6	0	0	0	0	0	0	6	
18:45	60	1	7	0	0	1	0	0	69	10	0	0	0	0	0	0	10	
Hour	228	2	24	1	0	2	0	1	258	25	0	0	0	0	0	0	25	
Total	2436	41	346	52	51	37	8	20	2991	248	0	40	2	2	5	2	1	300

Site No. 4
Location R153(W) / R153(SE) / Boyne Rd
Date Tuesday 29 November 2022

Time	C to B - Boyne Rd to R153(SE)								Veh. Total	C to A - Boyne Rd to R153(W)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	5	0	0	0	0	0	0	0	5	15	0	4	0	0	0	0	0	19
07:15	2	0	3	0	0	0	0	0	5	17	0	2	0	0	0	0	0	19
07:30	8	0	0	0	0	0	0	0	8	19	0	3	0	0	0	0	0	22
07:45	9	2	0	1	0	2	0	0	14	33	0	2	0	0	2	0	0	37
Hour	24	2	3	1	0	2	0	0	32	84	0	11	0	0	2	0	0	97
08:00	8	0	2	0	0	0	0	0	10	27	0	1	0	1	2	0	0	31
08:15	16	0	0	0	0	0	0	0	16	15	0	1	1	1	0	0	0	18
08:30	15	0	1	0	0	0	0	0	16	16	0	0	0	0	0	0	0	16
08:45	8	0	0	1	0	0	0	0	9	18	1	0	0	0	0	0	0	19
Hour	47	0	3	1	0	0	0	0	51	76	1	2	1	2	2	0	0	84
09:00	10	0	1	0	0	1	0	0	12	25	0	4	0	2	2	0	0	33
09:15	10	0	1	0	0	0	0	0	11	22	0	1	1	0	1	0	1	26
09:30	5	0	0	0	0	0	0	0	5	8	0	4	0	0	1	0	0	13
09:45	4	0	0	0	0	0	0	0	4	14	0	1	0	0	0	0	0	15
Hour	29	0	2	0	0	1	0	0	32	69	0	10	1	2	4	0	1	87
10:00	3	0	1	0	0	0	0	0	4	15	0	6	0	2	0	0	0	23
10:15	7	0	2	0	0	0	0	0	9	21	0	5	0	1	0	0	0	27
10:30	4	0	0	0	0	0	0	0	4	14	0	4	0	0	0	0	0	18
10:45	5	0	0	0	0	0	0	0	5	13	2	2	0	1	1	0	0	19
Hour	19	0	3	0	0	0	0	0	22	63	2	17	0	4	1	0	0	87
11:00	7	0	0	0	0	0	0	0	7	18	1	3	0	0	0	0	0	22
11:15	4	0	0	0	1	0	0	0	5	15	1	3	0	0	0	0	1	20
11:30	4	0	1	0	0	0	0	0	5	18	0	4	0	1	0	0	0	23
11:45	2	0	0	0	0	0	0	0	2	18	2	5	0	0	0	0	1	26
Hour	17	0	1	0	1	0	0	0	19	69	4	15	0	1	0	0	2	91
12:00	1	0	1	0	0	0	0	0	2	14	1	2	1	1	0	0	0	19
12:15	2	0	1	0	0	0	0	0	3	13	0	7	1	1	1	0	0	23
12:30	6	0	1	0	0	0	0	0	7	11	0	2	0	0	0	0	0	13
12:45	6	0	1	0	0	0	0	0	7	21	0	0	0	0	0	0	0	21
Hour	15	0	4	0	0	0	0	0	19	59	1	11	2	2	1	0	0	76
13:00	3	0	1	0	0	0	0	0	4	21	1	0	0	0	0	0	1	23
13:15	5	0	0	0	0	0	0	0	5	7	0	1	0	1	0	0	0	9
13:30	5	1	1	0	0	0	0	0	7	21	1	0	2	1	0	0	0	25
13:45	6	0	1	0	0	0	0	0	7	12	0	3	0	1	0	0	0	16
Hour	19	1	3	0	0	0	0	0	23	61	2	4	2	3	0	0	1	73
14:00	8	0	1	2	0	0	0	0	11	18	0	3	0	0	1	0	1	23
14:15	12	0	1	0	0	0	0	0	13	18	0	0	1	0	0	0	0	19
14:30	8	0	1	0	0	0	0	0	9	12	0	0	0	0	0	0	0	12
14:45	3	0	0	0	0	0	0	0	3	19	0	6	3	0	0	0	0	28
Hour	31	0	3	2	0	0	0	0	36	67	0	9	4	0	1	0	1	82
15:00	2	0	2	0	0	2	0	0	6	15	0	4	0	0	0	0	0	19
15:15	10	0	0	1	0	2	0	0	13	17	0	1	0	0	0	0	0	18
15:30	4	0	2	0	0	0	0	0	6	14	0	2	1	0	0	0	0	17
15:45	7	0	2	0	0	0	0	0	9	15	0	2	0	0	0	0	0	17
Hour	23	0	6	1	0	4	0	0	34	61	0	9	1	0	0	0	0	71
16:00	13	0	0	0	0	0	0	0	13	10	0	1	1	0	0	0	0	12
16:15	10	0	1	0	0	0	0	0	11	7	1	0	0	0	2	0	0	10
16:30	12	1	2	0	0	0	0	0	15	14	1	3	0	0	0	0	0	18
16:45	12	0	2	0	1	0	0	0	15	9	0	2	0	0	0	0	0	11
Hour	47	1	5	0	1	0	0	0	54	40	2	6	1	0	2	0	0	51
17:00	8	0	0	0	0	0	0	0	8	8	1	0	0	0	0	0	0	9
17:15	10	0	2	0	0	0	0	0	12	7	0	1	0	0	0	0	0	8
17:30	7	0	1	0	0	0	0	0	8	13	0	0	0	0	0	0	0	13
17:45	6	0	0	0	0	0	0	0	6	18	0	2	0	0	0	0	0	20
Hour	31	0	3	0	0	0	0	0	34	46	1	3	0	0	0	0	0	50
18:00	9	1	0	0	0	0	0	0	10	8	0	0	0	0	0	0	0	8
18:15	6	1	0	0	0	0	0	1	8	11	0	0	0	0	0	0	0	11
18:30	10	0	1	0	0	0	0	0	11	11	0	0	0	0	0	0	0	11
18:45	9	0	0	0	0	0	0	0	9	17	0	0	0	0	0	0	0	17
Hour	34	2	1	0	0	0	0	1	38	47	0	0	0	0	0	0	0	47
Total	336	6	37	5	2	7	0	1	394	742	13	97	12	14	13	0	5	896

Site No. 4
Location R153(W) / R153(SE) / Boyne Rd
Date Tuesday 29 November 2022

Time	To Arm A - R153(W)								Veh. Total	From Arm A - R153(W)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	62	0	13	1	0	0	0	0	76	59	0	16	1	1	4	0	0	81
07:15	64	0	8	1	1	1	0	1	76	50	0	17	1	0	3	0	0	71
07:30	85	1	13	2	2	0	0	0	103	60	0	14	2	1	5	0	2	84
07:45	103	0	16	0	2	3	0	0	124	69	0	13	4	4	2	0	0	92
Hour	314	1	50	4	5	4	0	1	379	238	0	60	8	6	14	0	2	328
08:00	55	0	5	0	1	4	0	6	71	59	1	10	0	2	2	0	0	74
08:15	68	0	7	2	1	1	0	0	79	42	1	9	1	4	5	0	0	62
08:30	55	0	7	0	2	2	1	0	67	59	1	6	1	0	3	1	0	71
08:45	63	3	6	1	0	1	0	0	74	85	2	11	6	2	1	0	0	107
Hour	241	3	25	3	4	8	1	6	291	245	5	36	8	8	11	1	0	314
09:00	78	1	11	1	2	3	0	0	96	68	1	6	1	0	4	0	0	80
09:15	78	2	7	2	3	2	1	1	96	72	0	9	4	3	0	0	0	88
09:30	78	0	13	1	4	1	0	2	99	46	2	17	3	2	1	0	0	71
09:45	67	2	17	0	1	0	0	0	87	54	2	20	2	4	2	0	0	84
Hour	301	5	48	4	10	6	1	3	378	240	5	52	10	9	7	0	0	323
10:00	60	1	8	3	4	2	0	0	78	63	3	14	4	2	0	0	0	86
10:15	66	0	11	1	2	1	0	0	81	55	2	13	5	3	1	0	0	79
10:30	57	0	8	3	1	0	0	2	71	54	2	10	1	1	0	0	0	68
10:45	66	5	7	1	6	2	1	1	89	48	2	17	2	2	1	1	0	73
Hour	249	6	34	8	13	5	1	3	319	220	9	54	12	8	2	1	0	306
11:00	59	1	11	1	1	0	0	0	73	57	1	14	2	2	0	0	0	76
11:15	67	3	7	1	0	1	0	2	81	61	1	13	4	4	2	0	0	85
11:30	76	1	8	2	5	0	0	1	93	48	0	10	3	3	0	0	0	64
11:45	67	2	17	2	2	1	0	1	92	86	5	11	2	3	0	0	0	107
Hour	269	7	43	6	8	2	0	4	339	252	7	48	11	12	2	0	0	332
12:00	64	2	9	1	3	0	0	0	79	84	1	10	1	2	0	0	0	98
12:15	60	0	16	4	1	2	0	0	83	74	0	10	1	2	1	0	0	88
12:30	57	3	12	1	1	1	0	0	75	57	0	12	3	2	1	0	0	75
12:45	60	0	5	2	2	1	0	0	70	78	1	8	3	0	1	0	3	94
Hour	241	5	42	8	7	4	0	0	307	293	2	40	8	6	3	0	3	355
13:00	73	1	10	3	0	2	0	2	91	83	1	9	5	2	2	0	1	103
13:15	69	3	10	1	4	1	0	1	89	88	3	5	0	2	2	0	0	100
13:30	84	3	8	2	2	0	0	0	99	71	1	12	3	2	0	0	0	89
13:45	86	1	12	2	3	1	0	0	105	81	0	9	1	1	2	0	0	94
Hour	312	8	40	8	9	4	0	3	384	323	5	35	9	7	6	0	1	386
14:00	81	0	13	3	0	1	0	2	100	65	1	8	4	2	5	0	3	88
14:15	79	1	7	2	2	1	0	0	92	90	4	4	0	3	2	0	0	103
14:30	65	0	8	1	1	0	0	0	75	88	0	7	1	2	3	0	0	101
14:45	65	1	12	5	1	2	1	0	87	91	0	9	1	1	4	0	1	107
Hour	290	2	40	11	4	4	1	2	354	334	5	28	6	8	14	0	4	399
15:00	64	0	10	1	0	1	2	0	78	86	2	15	0	3	4	0	0	110
15:15	61	0	11	0	2	2	0	0	76	77	2	13	3	3	2	1	1	102
15:30	69	4	10	3	0	0	0	0	86	95	1	9	1	0	3	0	0	109
15:45	70	2	5	1	0	1	0	1	80	126	1	6	1	1	0	0	0	135
Hour	264	6	36	5	2	4	2	1	320	384	6	43	5	7	9	1	1	456
16:00	49	2	6	2	0	0	0	0	59	126	2	9	1	1	2	0	1	142
16:15	42	2	8	1	1	2	0	1	57	131	3	10	3	2	4	0	1	154
16:30	40	1	5	1	0	2	0	0	49	106	4	8	0	1	4	2	0	125
16:45	47	0	10	0	0	0	0	0	57	120	3	14	0	1	1	0	1	140
Hour	178	5	29	4	1	4	0	1	222	483	12	41	4	5	11	2	3	561
17:00	53	1	16	2	0	1	1	0	74	119	3	12	0	0	0	0	1	135
17:15	49	1	4	0	0	0	0	0	54	132	1	15	1	0	0	0	0	149
17:30	53	1	5	0	1	1	0	0	61	127	1	8	0	0	1	0	0	137
17:45	89	1	7	0	1	1	1	0	100	112	2	9	1	1	0	0	1	126
Hour	244	4	32	2	2	3	2	0	289	490	7	44	2	1	1	0	2	547
18:00	45	1	6	0	0	0	0	1	53	141	0	12	1	1	0	0	0	155
18:15	76	0	8	1	0	0	0	0	85	114	3	10	0	1	2	0	0	130
18:30	77	0	3	0	0	1	0	0	81	84	0	5	1	1	0	0	0	91
18:45	77	1	7	0	0	1	0	0	86	107	1	6	0	1	1	1	1	118
Hour	275	2	24	1	0	2	0	1	305	446	4	33	2	4	3	1	1	494
Total	3178	54	443	64	65	50	8	25	3887	3948	67	514	85	81	83	6	17	4801

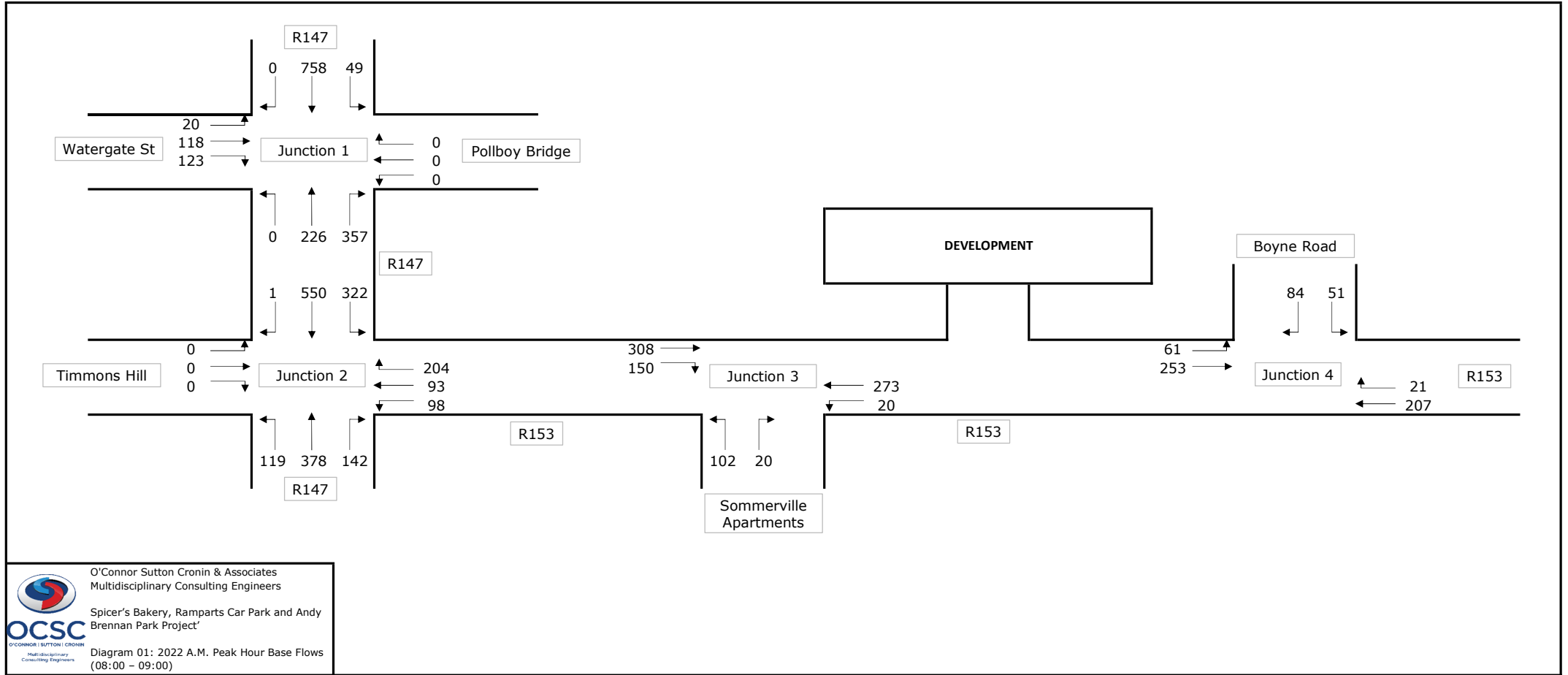
Site No. 4
Location R153(W) / R153(SE) / Boyne Rd
Date Tuesday 29 November 2022

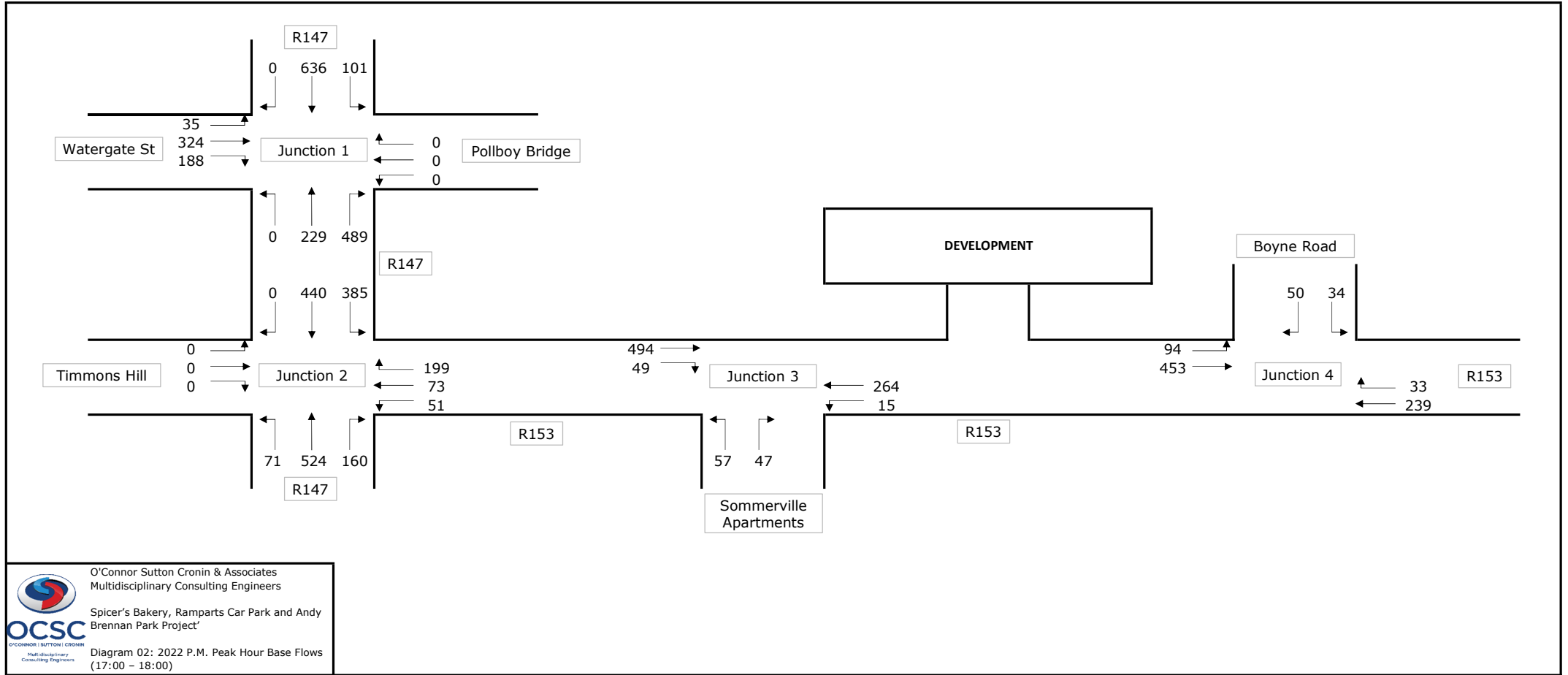
Time	To Arm B - R153(SE)								Veh. Total	From Arm B - R153(SE)								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	54	0	11	1	1	4	0	0	71	53	0	10	1	0	0	0	0	64
07:15	45	0	18	1	0	3	0	0	67	54	0	7	1	1	2	0	1	66
07:30	60	0	12	2	1	4	0	2	81	71	1	10	2	2	0	0	0	86
07:45	73	2	10	5	1	4	0	0	95	80	0	16	0	2	2	0	0	100
Hour	232	2	51	9	3	15	0	2	314	258	1	43	4	5	4	0	1	316
08:00	56	1	7	0	2	2	0	0	68	32	0	5	0	0	2	0	6	45
08:15	53	1	6	1	4	5	0	0	70	59	0	6	1	0	1	0	0	67
08:30	57	1	7	1	0	3	1	0	70	44	0	7	0	2	2	1	0	56
08:45	76	0	11	6	2	1	0	0	96	49	2	6	1	0	2	0	0	60
Hour	242	3	31	8	8	11	1	0	304	184	2	24	2	2	7	1	6	228
09:00	70	1	7	1	0	4	0	0	83	57	1	7	1	0	1	0	0	67
09:15	67	0	10	4	3	0	0	0	84	62	2	7	1	3	1	1	0	77
09:30	47	2	13	2	1	0	0	0	65	75	0	9	1	4	0	0	2	91
09:45	46	2	15	1	3	2	0	0	69	56	2	18	0	1	0	0	0	77
Hour	230	5	45	8	7	6	0	0	301	250	5	41	3	8	2	1	2	312
10:00	51	2	8	3	2	0	0	0	66	52	1	3	3	3	2	0	1	65
10:15	51	2	13	4	2	1	0	0	73	49	0	7	1	1	1	0	0	59
10:30	40	1	7	1	1	0	0	0	50	48	0	7	3	1	0	0	2	61
10:45	43	1	16	1	2	1	1	0	65	57	3	7	1	5	1	1	1	76
Hour	185	6	44	9	7	2	1	0	254	206	4	24	8	10	4	1	4	261
11:00	53	1	10	2	2	0	0	0	68	43	0	10	1	1	0	0	0	55
11:15	58	1	9	4	4	2	0	0	78	53	2	5	2	0	1	0	1	64
11:30	42	0	10	3	3	0	0	0	58	63	1	5	2	4	0	0	1	76
11:45	63	3	11	2	2	0	0	0	81	50	0	12	3	2	1	0	0	68
Hour	216	5	40	11	11	2	0	0	285	209	3	32	8	7	2	0	2	263
12:00	68	1	7	1	2	0	0	0	79	59	1	7	0	2	0	0	0	69
12:15	62	0	10	0	2	1	0	0	75	52	0	12	3	0	1	0	0	68
12:30	50	0	11	3	1	1	0	0	66	48	3	10	1	1	1	0	0	64
12:45	63	1	7	3	0	1	0	2	77	44	0	6	2	2	1	0	0	55
Hour	243	2	35	7	5	3	0	2	297	203	4	35	6	5	3	0	0	256
13:00	73	0	9	5	1	2	0	1	91	58	0	10	3	1	2	0	1	75
13:15	72	3	4	0	1	2	0	0	82	67	3	9	1	3	1	0	1	85
13:30	63	2	9	3	1	0	0	0	78	66	2	10	0	1	0	0	0	79
13:45	68	0	9	1	1	2	0	0	81	76	1	9	2	2	2	0	0	92
Hour	276	5	31	9	4	6	0	1	332	267	6	38	6	7	5	0	2	331
14:00	60	1	6	5	2	5	0	3	82	69	0	10	3	0	0	0	1	83
14:15	84	3	3	0	3	2	0	0	95	65	1	7	1	2	1	0	0	77
14:30	74	0	8	0	1	3	0	0	86	62	0	12	1	1	0	0	0	76
14:45	76	0	7	0	0	4	0	1	88	51	1	7	2	1	2	1	0	65
Hour	294	4	24	5	6	14	0	4	351	247	2	36	7	4	3	1	1	301
15:00	77	2	13	0	3	4	0	0	99	52	0	7	1	0	1	4	0	65
15:15	64	2	9	3	3	3	1	1	86	51	0	10	0	2	2	0	0	65
15:30	80	1	9	1	0	3	0	0	94	64	4	9	2	0	1	0	0	80
15:45	105	1	6	1	0	0	0	0	113	61	2	4	1	0	1	0	1	70
Hour	326	6	37	5	6	10	1	1	392	228	6	30	4	2	5	4	1	280
16:00	117	2	5	1	1	2	0	0	128	43	2	7	1	0	0	0	0	53
16:15	115	1	9	3	1	3	0	1	133	35	1	9	1	1	0	0	1	48
16:30	93	5	8	0	1	3	2	0	112	29	0	3	1	0	2	0	0	35
16:45	111	2	14	0	2	1	0	1	131	43	0	9	0	0	0	0	0	52
Hour	436	10	36	4	5	9	2	2	504	150	3	28	3	1	2	0	1	188
17:00	115	2	7	0	0	0	0	1	125	54	0	16	2	0	1	1	0	74
17:15	114	1	12	1	0	0	0	0	128	50	1	3	0	0	0	0	0	54
17:30	112	1	9	0	0	1	0	0	123	46	1	6	0	1	1	0	0	55
17:45	101	2	7	0	0	0	0	1	111	79	1	6	0	1	1	1	0	89
Hour	442	6	35	1	0	1	0	2	487	229	3	31	2	2	3	2	0	272
18:00	122	1	12	1	1	0	0	0	137	41	1	6	0	0	0	0	1	49
18:15	94	2	10	0	0	2	0	1	109	70	0	8	1	0	0	0	0	79
18:30	74	0	6	1	1	0	0	0	82	72	0	3	0	0	1	0	0	76
18:45	98	1	4	0	1	1	1	1	107	70	1	7	0	0	1	0	0	79
Hour	388	4	32	2	3	3	1	2	435	253	2	24	1	0	2	0	1	283
Total	3510	58	441	78	65	82	6	16	4256	2684	41	386	54	53	42	10	21	3291


Site No. 4
Location R153(W) / R153(SE) / Boyne Rd
Date Tuesday 29 November 2022

Time	To Arm C - Boyne Rd								Veh. Total	From Arm C - Boyne Rd								Veh. Total
	CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C		CAR	TAXI	LGV	OGV1	OGV2	PSV	M/C	P/C	
07:00	16	0	6	0	0	0	0	0	22	20	0	4	0	0	0	0	0	24
07:15	14	0	3	0	0	1	0	0	18	19	0	5	0	0	0	0	0	24
07:30	13	0	2	0	0	1	0	0	16	27	0	3	0	0	0	0	0	30
07:45	15	0	5	0	3	1	0	0	24	42	2	2	1	0	4	0	0	51
Hour	58	0	16	0	3	3	0	0	80	108	2	14	1	0	4	0	0	129
08:00	15	0	6	0	0	0	0	0	21	35	0	3	0	1	2	0	0	41
08:15	11	0	3	0	0	0	0	0	14	31	0	1	1	1	0	0	0	34
08:30	22	0	0	0	0	0	0	0	22	31	0	1	0	0	0	0	0	32
08:45	21	2	0	1	0	1	0	0	25	26	1	0	1	0	0	0	0	28
Hour	69	2	9	1	0	1	0	0	82	123	1	5	2	2	2	0	0	135
09:00	12	0	0	0	0	1	0	0	13	35	0	5	0	2	3	0	0	45
09:15	21	0	1	0	0	0	0	0	22	32	0	2	1	0	1	0	1	37
09:30	9	0	4	1	1	1	0	0	16	13	0	4	0	0	1	0	0	18
09:45	15	0	7	1	1	0	0	0	24	18	0	1	0	0	0	0	0	19
Hour	57	0	12	2	2	2	0	0	75	98	0	12	1	2	5	0	1	119
10:00	22	1	8	1	1	0	0	1	34	18	0	7	0	2	0	0	0	27
10:15	15	0	3	1	1	0	0	0	20	28	0	7	0	1	0	0	0	36
10:30	23	1	6	0	0	0	0	0	30	18	0	4	0	0	0	0	0	22
10:45	14	1	3	1	0	0	0	0	19	18	2	2	0	1	1	0	0	24
Hour	74	3	20	3	2	0	0	1	103	82	2	20	0	4	1	0	0	109
11:00	13	0	6	0	0	0	0	0	19	25	1	3	0	0	0	0	0	29
11:15	8	0	5	1	1	0	0	0	15	19	1	3	0	1	0	0	1	25
11:30	15	0	2	0	0	0	0	0	17	22	0	5	0	1	0	0	0	28
11:45	26	2	0	1	1	0	0	0	30	20	2	5	0	0	0	0	1	28
Hour	62	2	13	2	2	0	0	0	81	86	4	16	0	2	0	0	2	110
12:00	26	0	4	0	0	0	0	0	30	15	1	3	1	1	0	0	0	21
12:15	19	0	4	1	0	0	0	0	24	15	0	8	1	1	1	0	0	26
12:30	15	0	2	0	1	0	0	0	18	17	0	3	0	0	0	0	0	20
12:45	26	0	3	0	0	0	0	1	30	27	0	1	0	0	0	0	0	28
Hour	86	0	13	1	1	0	0	1	102	74	1	15	2	2	1	0	0	95
13:00	19	1	1	0	2	0	0	0	23	24	1	1	0	0	0	0	1	27
13:15	26	0	1	0	1	0	0	0	28	12	0	1	0	1	0	0	0	14
13:30	16	0	6	0	1	0	0	0	23	26	2	1	2	1	0	0	0	32
13:45	21	0	1	0	0	1	0	0	23	18	0	4	0	1	0	0	0	23
Hour	82	1	9	0	4	1	0	0	97	80	3	7	2	3	0	0	1	96
14:00	19	0	3	1	0	0	0	0	23	26	0	4	2	0	1	0	1	34
14:15	22	1	2	0	0	0	0	0	25	30	0	1	1	0	0	0	0	32
14:30	31	0	4	1	1	0	0	0	37	20	0	1	0	0	0	0	0	21
14:45	23	0	3	1	1	0	0	0	28	22	0	6	3	0	0	0	0	31
Hour	95	1	12	3	2	0	0	0	113	98	0	12	6	0	1	0	1	118
15:00	14	0	5	0	0	2	2	0	23	17	0	6	0	0	2	0	0	25
15:15	30	0	4	1	0	1	0	0	36	27	0	1	1	0	2	0	0	31
15:30	28	0	3	0	0	1	0	0	32	18	0	4	1	0	0	0	0	23
15:45	34	0	3	0	1	0	0	0	38	22	0	4	0	0	0	0	0	26
Hour	106	0	15	1	1	4	2	0	129	84	0	15	2	0	4	0	0	105
16:00	26	0	6	0	0	0	0	1	33	23	0	1	1	0	0	0	0	25
16:15	26	2	3	0	1	1	0	0	33	17	1	1	0	0	2	0	0	21
16:30	28	0	3	0	0	1	0	0	32	26	2	5	0	0	0	0	0	33
16:45	26	1	3	0	0	0	0	0	30	21	0	4	0	1	0	0	0	26
Hour	106	3	15	0	1	2	0	1	128	87	3	11	1	1	2	0	0	105
17:00	21	1	5	0	0	0	0	0	27	16	1	0	0	0	0	0	0	17
17:15	36	0	5	0	0	0	0	0	41	17	0	3	0	0	0	0	0	20
17:30	28	0	1	0	0	0	0	0	29	20	0	1	0	0	0	0	0	21
17:45	25	0	3	1	1	0	0	0	30	24	0	2	0	0	0	0	0	26
Hour	110	1	14	1	1	0	0	0	127	77	1	6	0	0	0	0	0	84
18:00	32	0	0	0	0	0	0	0	32	17	1	0	0	0	0	0	0	18
18:15	31	2	0	0	1	0	0	0	34	17	1	0	0	0	0	0	1	19
18:30	26	0	0	0	0	0	0	0	26	21	0	1	0	0	0	0	0	22
18:45	28	0	2	0	0	0	0	0	30	26	0	0	0	0	0	0	0	26
Hour	117	2	2	0	1	0	0	0	122	81	2	1	0	0	0	0	1	85
Total	1022	15	150	14	20	13	2	3	1239	1078	19	134	17	16	20	0	6	1290

Appendix B **TRAFFIC FLOW DIAGRAMS**






O'Connor Sutton Cronin & Associates
 Multidisciplinary Consulting Engineers
 Spicer's Bakery, Ramparts Car Park and Andy Brennan Park Project
 Diagram 02: 2022 P.M. Peak Hour Base Flows (17:00 - 18:00)



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