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Traffic & Transport Engineering

Environmental Consulting Water Resource Engineering Strata Certification (NSW) **Town Planning** Urban Design Landscape Architecture Project Management

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| 1.0 | Development Plan submission | 22/08/2025 | | |
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| | | | | |

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Contents

| 1. II | NTRODUCTION | 6 |
|--------------|--|----------|
| 1.1. | Overview | 6 |
| 1.2. | Project Background | 6 |
| 1.3. | Development Plan Application – Initial Feedback from Council | 6 |
| 1.4. | Reference Documents | 3 |
| 2. E | XISTING CONDITIONS | 9 |
| 2.1. | Project site | 9 |
| 2.2. | Project Site Zoning and Overlays | 10 |
| 2.3. | Existing Road Network | 10 |
| 2.3 | | 11 |
| 2.3 | • | 11 |
| 2.3 | , | 11 |
| 2.3. 2.4. | .4. Pearson Street Active Transport and Public Transport | 11 12 |
| 2.5. | Existing Traffic and Parking Surveys | 12 |
| 2.5. | | 14 |
| 2.5 | · · | 14 |
| 2.5 | .3. Parking Surveys | 14 |
| 2.6. | Road Crash History | 15 |
| 3. S | TRATEGIC DOCUMENTS | 16 |
| 3.1. | Sale, Wurruk and Longford Structure Plan | 16 |
| 3.2. | | 16 |
| 3.3. | o , | 16 |
| 3.4. | Urban Path Plans | 17 |
| 4. T | HE PROPOSAL | 18 |
| 4.1. | Overview | 18 |
| 4.2. | Proposed Access Arrangements | 20 |
| 4.3. | Loading Bays | 21 |
| 4.4. | Waste Collection Arrangements | 21 |
| 4.5. | Online collection point | 21 |
| | ARKING AND ACCESS ASSESSMENT | 22 |
| 5.1. | Car Parking Provision | 22 |
| 5.1. | · | 22 |
| 5.1. 5.1. | | 22 22 |
| 5.1. | | 23 |
| 5.1. | | 24 |
| 5.2. | Car Parking Design Requirements | 24 |
| 5.2 | .1. Design Standard 1 | 24 |
| 5.2 | | 25 |
| 5.3. | On-Street Parking | 25 |
| 5.4. | Basement carpark height requirements for DDA accessibility | 26 |
| 5.5. | Ramp grade and headroom | 26 |
| 5.6. 5.7. | Basement carpark vehicle circulation | 26 27 |
| 5.7. 5.7. | Loading Bay Design .1. Supermarket Loading Bay | 27 27 |
| 5.7 | , | 28 |
| 5.7 | | 28 |
| 5.8. | Online Collection Point operation | 28 |
| | ICYCLE PARKING CONSIDERATIONS | 29 |
| 6.1. | Bicycle Space Design Requirements | 29 |
| 6.2. | Bicycle Parking Requirement | 29 |



| 6.3. Other bicycle facilities – Showers and Change Rooms | 30 |
|--|----------------|
| 7. TRAFFIC CONSIDERATIONS | 31 |
| 7.1. Alignment with Shire of Wellington Strategic Documents7.2. Peak hour traffic generation profiles | 31 31 |
| 7.3. Network Traffic Considerations | 32 |
| 8. CONCLUSION | 33 |
| 8.1. Overview 8.2. Key Findings | 33 33 |
| 8.3. Recommendations | 33 |
| Tables | |
| Table 1: Summary of Existing Road Network | 10 |
| Table 2: Road Crash History Data | 15 |
| Table 3: Car Parking Requirements | 23 |
| Table 4: Wellington Planning Scheme Clause 52.06-9 Design Standard 1 | 24 |
| Table 5: Wellington Planning Scheme Clause 52.06-9 Design Standard 2 | 25 |
| Table 6: Bicycle Parking Provision Requirements | 29 |
| Figures | |
| Figure 1: Project Site Aerial (Source: NearMap) | 9 |
| Figure 2: Project Site Context (Source: VicPlan) | 9 |
| Figure 3: Zoning Configuration Surrounding the Project Site (Source: VicPlan) | 10 |
| Figure 4: Public Transport Network (Source: PTV) | 12 |
| Figure 5: Bus stops within walkable distance of the project site (Source: Transport Victoria) | 13 |
| Figure 6: Existing Active Transport Network (Source: NearMap) | 13 |
| Figure 7: Traffic and Parking Survey locations in relation to the project site (Source: Beveridg | e Williams) 14 |
| Figure 8: Sale, Wurruk and Longford Structure Plan – Commercial Development excerpt (So | urce: Shire of |
| Wellington) | 16 |
| Figure 9: Ground Floor - Development Plan excerpt (Source: ThextonSmith) | 18 |
| Figure 10: First Floor - Development Plan excerpt (Source: ThextonSmith) | 19 |
| Figure 11: Basement - Development Plan excerpt (Source: ThextonSmith) | 19 |
| Figure 12: Proposed Access Arrangements | 20 |
| Figure 13: Proposed Basement Carpark Give-Way Linemarking | 26 |
| Figure 14: Proposed Linemarking at ramp entrances | 27 |



Appendix

APPENDIX A: DEVELOPMENT PLAN APPENDIX B: SWEPT PATH ANALYSIS

APPENDIX C: TRAFFIC AND PARKING SURVEYS

1. INTRODUCTION

1.1. Overview

Beveridge Williams has been engaged by to prepare a traffic impact assessment (TIA), for the proposed development at 38-50 MacArthur Street, Sale. This report will assess the traffic generation and distribution; car parking provision; and suitability of access arrangements. This report will be produced in two stages:

- An initial report submitted to accompany the development plan, including assessment of the following aspects:
 - Surrounding road network and existing conditions. 0
 - Strategic planning documents relevant to the site.
 - Proposed loading arrangements, including swept path analysis.
 - o Bicycle and car parking requirements from a statutory perspective.
 - Existing Active Transport arrangements in the vicinity of the project site.
 - Proposed access and carparking arrangements
 - Carpark and ramp design
 - Holistic traffic considerations
- An addendum report to be submitted with the planning permit, including:
 - Consideration of empirical traffic and parking surveys undertaken in the vicinity of the project site.
 - Detailed assessment and modelling of current and future traffic generation and parking demands from an empirical perspective.

Beveridge Williams has also produced a Waste Management Plan, separate to the Traffic Impact Assessment report, to accompany the Development Plan application.

The proposed development will consist of a supermarket (3,746m²), retail tenancies (2,126m² – of which, 233m² is assumed to be a Food & Beverage tenancy) and an office (2,706m²) on a project site area of approximately 8,235m², supporting the Sale CBD precinct from a commercial perspective and ensuring the adequate provision of retail and office spaces in a convenient location.

The purpose of this Report is to document the findings from the assessment of the proposed development and to support the Development Plan application to Wellington Shire Council from a traffic perspective.

1.2. Project Background

The proposed mixed-use development is located in an existing shopping precinct (adjacent the Gippsland (shopping) Centre) near the centre of the Sale township and will replace an existing use (Bunnings). Sale is located approximately 190 kilometres east of Melbourne and is within the municipality of Wellington Shire Council. The project site area is generally bound by MacArthur Street (north), Desailly Street (east), New Railway Road (south) and Pearson Street (west).

The project area is demonstrated in Figure 1. Once completed, the Development will comprise a supermarket, retail tenancies (including a restaurant/café), and an office space.

1.3. Development Plan Application – Initial Feedback from Council

The initial TIA was submitted to Wellington Shire Council on 22nd August 2025 as part of the Development Plan application. Subsequent to this, Beveridge Williams received Initial Comments and Feedback from Wellington Shire Council dated 15th September 2025. The relevant comments pertaining to the TIA are provided below in *italics* with Beveridge William's response in blue.

Traffic

Provision of Parking

The provision of car parking as outlined in part 5. Parking and Access Assessment. Specifically, the report notes a shortfall of 27 standard parking spaces and a surplus of 1 accessible space. Based on the surrounding on-street parking availability and the information in the report, this is considered acceptable based on the reasoning provided. Noted.

Timing of Deliveries

It is noted that an addendum to this report will further assess whether the proposed loading arrangements are appropriate, particularly in relation to the timing of delivery vehicles accessing New Railway Road. To avoid blocking New Railway Road, delivery schedules should be managed so that vehicles do not obstruct the roadway. Similarly, vehicles accessing the online pick-up area should be timed to prevent queuing and overflow onto Pearson Street. Delivery schedules may also need to be aware of any residential properties in the area, particularly on the western side of Pearson Street.

Response

The addendum report will review queueing arrangements and time limit for the online pick-up area to reduce potential impact on surrounding areas.

Traffic Movements and Vehicle Access

Consideration should be given to traffic movements around the entrance and exit from the basement car park, intersection of Desailly Street and New Railway Road and the parking aisles located to the east of these intersections. There will be an increase in the number of conflict points as a result of the traffic movements generated by the basement car park. Suggest left turn only onto Desailly Street to improve traffic flow. Noted. Beveridge William seconds adopting a left-turn only onto Desailly Street to improve traffic flow and safety.

Sight Distances for Pedestrians

It appears that pedestrian sight distances have been considered for vehicles exiting the basement car park and the online pick-up area. We are happy with what is currently proposed for the area around the basement car park/Desailly Street intersection. Please confirm that there are no walls or other visual obstructions that could impact driver visibility when exiting the online pick-up area.

Response

2m by 2.5m corner splays will be provided to the footpath when exiting the online pick-up area.

Cycling Connections

We note that bike parking spaces are located in the basement car park. Suggest considering how cyclists would safely access this location.

Response

Cyclists will share the same ramp as cars; appropriate signage and markings will be implemented to notify drivers of this arrangement. As these are staff parking spaces future staff also will be informed that they are able to use the two lifts to access the basement bicycle parking.

Footpaths and Macarthur Street

Footpath between kerb and steps should be a minimum of 1.5m, and path between steps and building line should be a minimum of 2.5m. The kerb on Macarthur Street may need to be moved into the road pavement to accommodate this.

Response.

The architectural plans by ThextonSmith will be updated to include the suggested minimum footpath widths.

Open Space Initial Comments / Feedback

<u>Desailly Street - Public Realm</u>

• Relocate bike hoops from the corner of Desailly Street and Macarthur Street. The location is not ideal and may create concerns from road users around sight line issues and public safety.

Response

Discussions with Council and the Architect (ThextonSmith) regarding this are ongoing. To ensure road users' safety a visibility check for on-street cycle parking will be performed once the final location has been determined.



1.4. Reference Documents

In preparing this assessment, Beveridge Williams have referenced the following information and documents:

- Wellington Shire Planning Scheme.
- Wellington Shire Council Register of Public Roads.
- Australian Standards, including AS2890.1, AS2890.2 and AS2890.6.
- Sale, Wurruk and Longford Structure Plan.
- Sale CBD Precinct Plan.
- Sale CBD Traffic Management and Car Parking Study.
- Shire of Wellington's Urban Path Plans.
- RMS NSW Guide to Transport Impact Assessment.
- RMS NSW Guide to Traffic Generating Developments.
- National Construction Code (NCC).

2. EXISTING CONDITIONS

2.1. Project site

Figure 1 shows the project site located at 38-50 MacArthur Street, Sale. The site comprises a total area of approximately 8,235 m². It is bordered by MacArthur Street (north), Desailly Street (east), New Railway Road (south), and Pearson Street (west). Residential dwellings are located to the north and northwest of the project site whilst commercial developments are located to the northeast, east, south and west of the project site. The existing use of the subject site is a Bunnings hardware store. The Gippsland Shopping Centre is to the south of the site.



Figure 1: Project Site Aerial (Source: NearMap)

Figure 2 shows the project site in relation to the Sale township. The project site is located approximately 800m to the southeast of the Sale railway station.



Figure 2: Project Site Context (Source: VicPlan)

2.2. Project Site Zoning and Overlays

Figure 3 shows the project site and the surrounding land zoning, summarised below:

- The project site is zoned as Commercial Zone Schedule 1 (CZ1).
- North of the site is zoned as General Residential Zone Schedule 1 (GRZ1).
- East, south and west of the site is zoned as Commercial Zone Schedule 1 (CZ1).

The following overlays apply to the project site:

- Design and Development Overlay Schedule 6 (DDO6).
- Development Plan Overlay Schedule 1 (DPO1).

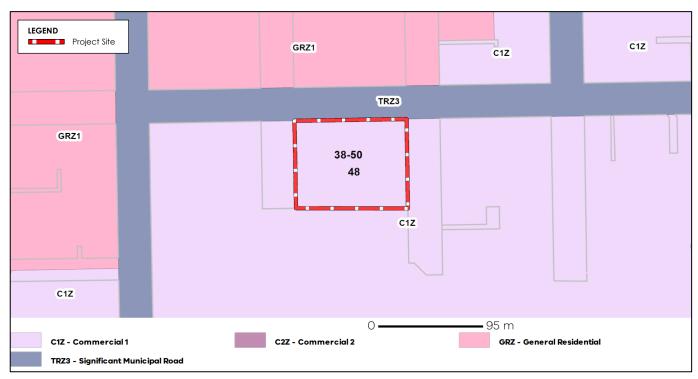


Figure 3: Zoning Configuration Surrounding the Project Site (Source: VicPlan)

2.3. Existing Road Network

Table 1 summarises the surrounding road network. The road types are per the Wellington Shire Council Register of Public Roads.

Table 1: Summary of Existing Road Network

| ROAD NAME TYPE | | WIDTH | SPEED LIMIT |
|-------------------------------------|-----------------------|--------------------------------------|------------------|
| MacArthur Street | Link Road | Carriageway: 22.5m Reserve: 30m | 60 km/h |
| Desailly Street | Local Access A - Road | Carriageway: 20.7m Reserve: 30m | 50 km/h |
| New Railway Road Private road | | Carriageway: ~4.5m Reserve: ~8.2m | 20 km/h (posted) |
| Pearson Street Local Access B - Roa | | Carriageway: 19m Reserve: 30m | 50 km/h |

2.3.1. MacArthur Street

MacArthur Street is a Link Road orientated in an east-west direction. Adjacent the frontage of the site, MacArthur Street consists of one traffic lane in each direction separated by a central median contained within a road reserve of approximately 30m. There is parallel parking and a bicycle lane on the northern and southern sides of the carriageway. The central median contains a 90-degree parking aisle and there are footpaths on the northern and southern sides of the road reserve. MacArthur Street intersects with Desailly Street on the northeast corner of the project site, and with Pearson Street on the northwest corner of the project site.

2.3.2. Desailly Street

Desailly Street is a Local Access A - Road orientated in a north-south direction. Adjacent the frontage of the site, Desailly Street consists of a two-way carriageway with 90-degree parking on both sides of the carriageway contained within a road reserve of approximately 30m. There are footpaths on both the eastern and western sides of the road reserve. Desailly Street intersects with MacArthur Street on the northeast corner of the site and continues to the north, whilst it terminates at New Railway Road to the south of the site.

2.3.3. New Railway Road

New Railway Road is a private road orientated in an east-west direction that dog legs to the southeast of the subject site. New Railway Road is a one-way road that begins at Raymond Street to the east of the project site and terminates at Gippsland Shopping Centre carpark located along Reeve Street (to the west of the project site). Along the southern frontage of the project site, New Railway Road has a carriageway of approximately 4.5m contained within a road reserve of approximately 8.2m. New Railway Road intersects with Desailly Street on the southeast corner of the project site and intersects with Pearson Street on the southwest corner of the project site.

2.3.4. Pearson Street

Pearson Street is a Local Access B Road that is orientated in a north-south direction. Adjacent the project site, Pearson Street has a carriageway of approximately 19m that allows for two-way flow and 90-degree parking on both sides of the carriageway, contained within a road reserve of approximately 30m. Pearson Street terminates at New Railway Road on the southwest corner of the project site, and intersects with MacArthur Street on the northwest corner of the project site. Pearson Street terminates as a residential court-bowl approximately 150m to the north of MacArthur Street.

2.4. Active Transport and Public Transport

Figure 4 shows the existing Public Transport Network in the vicinity of the project site and Figure 5 shows the bus stops within approximately walkable distance of the site.

- A bus terminal is located on the southern side of the Gippsland Shopping Centre that services local trips (bus routes 1-6) and regional trips (V/Line coaches). This is approximately a 400m (6 minute) walk from the project site
- A bus stop servicing route 4 is located on Reeve Street to the south of Cunninghame Street that is a 500m (7 minute) walk from the project site.
- A pair of bus stops servicing route 4 are located near the MacArthur Street / Thomson Street intersection that are a 350m (5 minute) walk from the project site.
- A bus stop servicing routes 2 and 5 is located along Raymond Street to the north of Raymond Street / MacArthur Street intersection that is a 400m (6 minute) walk from the project site.

Therefore, based on the above summary and the below diagrams, it is considered that there is significant public and active transport available to potential users of the proposed development, reducing the reliance on cars. The active and public transport infrastructure would be beneficial to all proposed uses, and both staff/employees and customers/shoppers.

Figure 6 depicts the existing active transport infrastructure in the vicinity of the site.

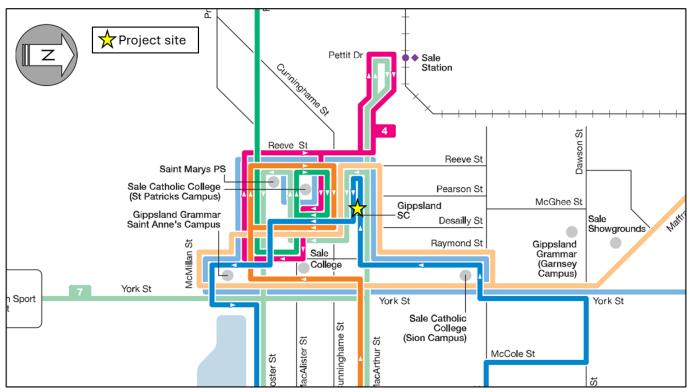


Figure 4: Public Transport Network (Source: PTV)

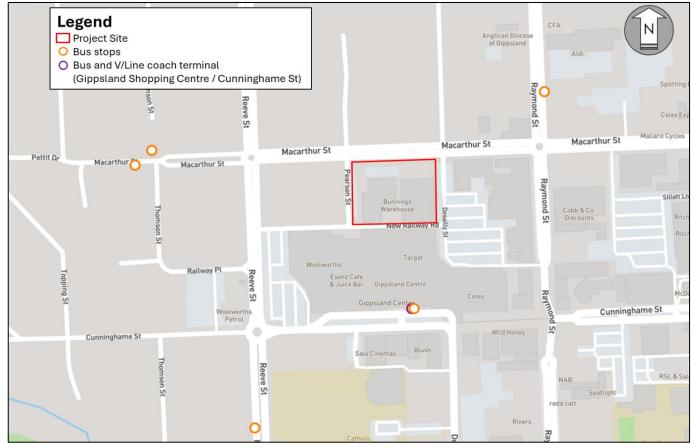


Figure 5: Bus stops within walkable distance of the project site (Source: Transport Victoria)

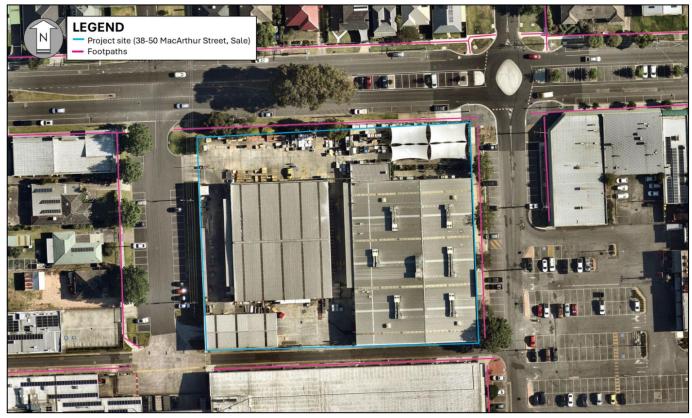


Figure 6: Existing Active Transport Network (Source: NearMap)

2.5. Existing Traffic and Parking Surveys

2.5.1. Turning Movement Counts

Beveridge Williams has commissioned Turning Movement Counts at the following intersections for Thursday 7th August from 8:00am to 6:00pm and Saturday 9th August from 9:30am to 2:00pm.

- MacArthur Street / Pearson Street intersection.
- MacArthur Street / Desailly Street roundabout.
- MacArthur Street / Raymond Street roundabout.
- Desailly Street / New Railway Road intersection.

2.5.2. Tube Counts

Beveridge Williams has commissioned tube counts at the following locations from Saturday 2nd August 2025 to Saturday 9th August 2025.

- New Railway Road (western leg of Raymond Street / New Railway Road intersection)
- Desailly Street (southern leg of MacArthur Street / Desailly Street intersection)
- New Railway Road (midblock between Desailly Street and Pearson Street)
- Pearson Street (midblock between MacArthur Street and New Railway Road)

2.5.3. Parking Surveys

Beveridge Williams has commissioned parking surveys at the following locations on Thursday 7th August from 8:00am to 6:00pm and Saturday 9th August from 9:30am to 2:00pm.

- On-street parking
 - MacArthur Street (Reeve Street to Raymond Street)
 - Pearson Street (residential court bowl to New Railway Road)
 - Desailly Street (Stawell Street to MacArthur Street)
- Off-street parking
 - o Shared off-street parking east of project site (accessed via New Railway Road and Desailly Street)
 - Gippsland Shopping Centre off-street parking east of Reeve Street
 - Gippsland Shopping Centre off-street parking west of Reeve Street

The traffic and parking survey results are provided in Appendix C and will be analysed as part of the addendum report.

Figure 7 depicts the Turning Movement Counts, Tube Counts and Parking Survey locations in relation to the site.

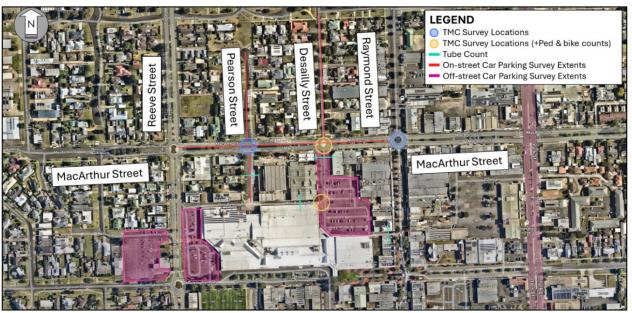


Figure 7: Traffic and Parking Survey locations in relation to the project site (Source: Beveridge Williams)

2.6. Road Crash History

A review of the crash history data from DTP Victorian Road Crash Data was undertaken for the surrounding roads (MacArthur Street, Desailly Street, New Railway Road and Pearson Street) along the frontage of the project site. Table 2 provides a summary of the crash history for a ~10-year period. It is noted that the records do not pick up near misses and that there is a 7-month reporting lag.

The recorded crash history in the vicinity of the site does not indicate any crash trend that requires urgent remedial actions.

Table 2: Road Crash History Data

| # | LOCATION | ACCIDENT TYPE / SEVERITY | DATE (DD/MM/YYYY) | COLLISION CODE DESCRIPTION |
|---|---|---|----------------------|--|
| 1 | Along Desailly Street adjacent the project site (38-50 MacArthur Street) | Leaving Parking (Collision with vehicle) (other injury accident) | 04/12/2013 | Leaving Parking R 2 LEAVING PARKING 142 |
| 2 | | Other accidents-off straight not included in DCAs 170-175 (collision with a fixed object) (other injury accident) | 09/06/2014 | Other Straight V Q OTHER STRAIGH T 179 |
| 3 | | Right turn sideswipe (Collision with vehicle) (other injury accident) | 06/01/2018 | Right turn sideswipe 1 X'n N I 2 M/B N IM RIGHT TURN SIDE SWIPE 136 |

3. STRATEGIC DOCUMENTS

3.1. Sale, Wurruk and Longford Structure Plan

The Sale, Wurruk and Longford Structure Plan was prepared in August 2010 by Wellington Shire Council to provide an overarching strategic plan for development (retail, industry, residential etc.) within the townships of Sale, Wurruk and Longford and was prepared in line with Wellington Shire Council's 2030 Strategic Vision.

- The proposed development at the project site would fall under the commercial growth types of (1) within the centre of the Sale CBD and (2) at the edge of the CBD.
- The proposed development generally meets the objectives and strategies outlined for commercial development.
- The proposed development, by replacing the existing Bunnings site, would fulfil a specific commercial development objective by replacing a bulky goods retailer with a more location-appropriate development (i.e. supermarket, retail, restaurant/café, office).

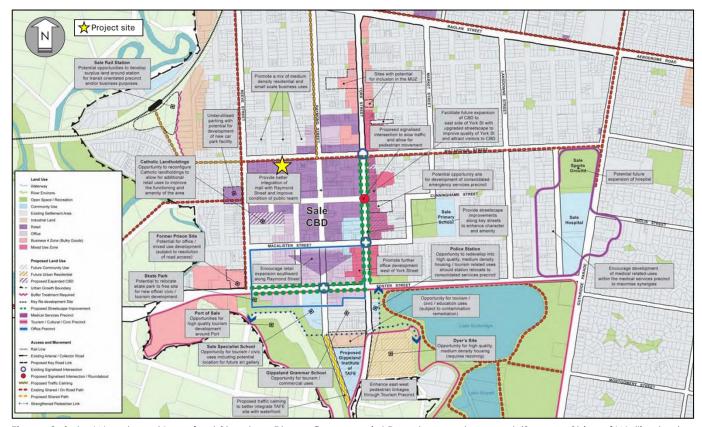


Figure 8: Sale, Wurruk and Longford Structure Plan – Commercial Development excerpt (Source: Shire of Wellington)

3.2. Sale CBD Precinct Plan

The Sale CBD Precinct Plan, which builds upon various strategic documents prepared by Wellington Shire Council including Sale, Wurruk and Longford Structure Plan (2010), Sale CBD Traffic Management and Car Parking Study (2008) and Sale Master Plan (2009), provides a guide to the development of the CBD.

- Gippsland Shopping Centre is identified as a major retail attraction.
- The project site is identified as being within the core retail precinct.
 - o The Sale CBD Precinct Plan envisages the core retail precinct expanding in the northward direction.

3.3. Sale CBD Traffic Management and Car Parking Study

The Sale CBD Traffic Management and Car Parking Study (2008) was prepared by TraffixGroup on behalf of Wellington Shire Council to understand existing traffic management and parking within the Sale CBD and to identify possible solutions and improvements.

It is noted that Council has recently upgraded the MacArthur Street / Desailly Street intersection to a roundabout with safer pedestrian crossings.

3.4. Urban Path Plans

Wellington Shire Council undertakes all new major path projects in line with the Urban Paths Plan. It is noted that the current plan (as of August 2025) is expected to be revised late 2026. Additional footpath and shared path infrastructure to the north and west of the project site may be undertaken as part of future capital works subject to further investigations and funding.

4. THE PROPOSAL

4.1. Overview

A breakdown of the proposed uses is provided below:

- Supermarket total area of 3,746m² with 2,688m² Front-of-house (FOH) and 1,058m² Back-Of-House (BOH)
- 6 retail tenancies (2,126m²)
 - Retail 1 (1,194 m²), 3 (230 m²), 4 (216 m²), 5 (160 m²) and 7 (93 m²) (total area of 1,893m²)
 - Retail 2 (total area of 233m²)
 - Assumed to be a Food & Beverage (F&B) tenancy a restaurant/café.
 - Based on RMS restaurant data, a measure of 3.275m² of Gross Floor Area (GFA) per seat has been adopted. Therefore, based on a conversion factor of 0.95 from total area to Gross Floor Area, there is capacity for approximately 68 (peak hour) patrons.
- Commercial (total area of 2,706m² including 83m² of lobby) (assumed to be Office)

The supermarket and retail tenancies are located on the ground floor whilst the office is located on the first floor.

The basement consists mostly of car parking and is accessible via a ramp from Desailly Street (for cars) and via a moving walkway, stairs and lifts (for pedestrians).

The Development Plan is excerpted in Figure 9 (Ground Floor), Figure 10 (First floor), and Figure 11 (Basement) and is attached as Appendix A.

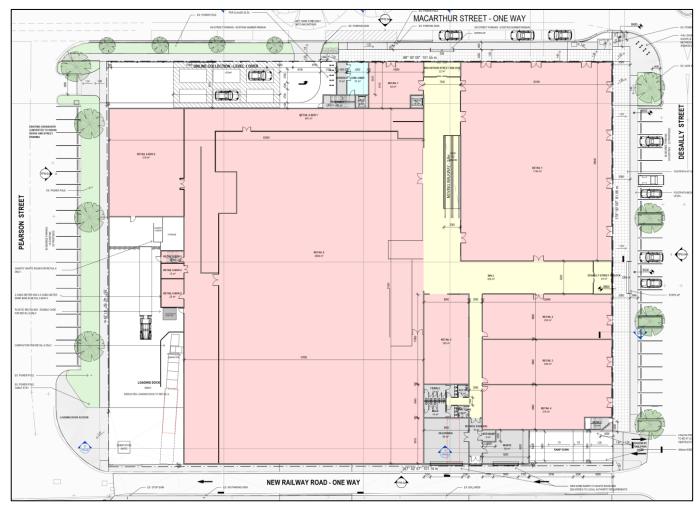


Figure 9: Ground Floor - Development Plan excerpt (Source: ThextonSmith)

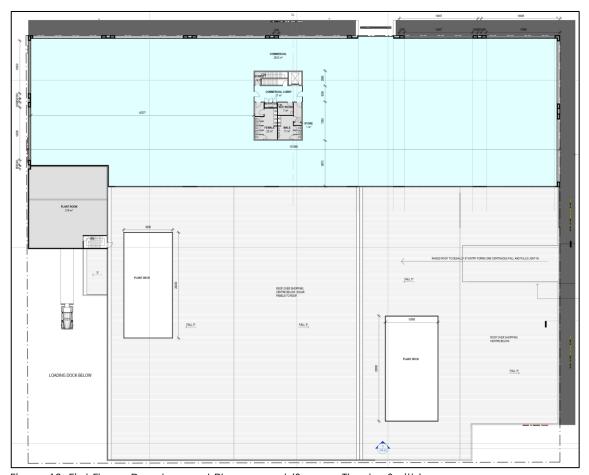


Figure 10: First Floor - Development Plan excerpt (Source: ThextonSmith)

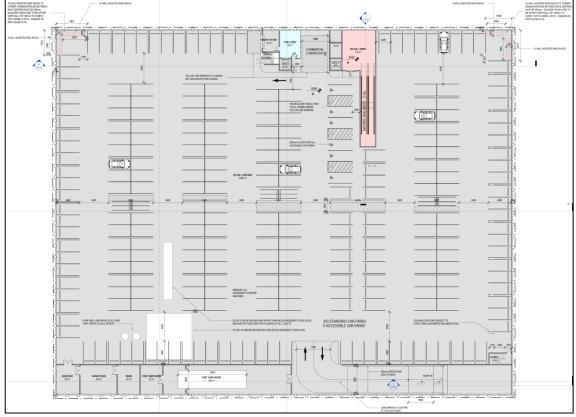


Figure 11: Basement - Development Plan excerpt (Source: ThextonSmith)

4.2. Proposed Access Arrangements

The proposed access arrangements for the project site are depicted in Figure 12.

- New Railway Road will continue to remain one-way in the westward direction.
- B85 and B99 vehicles will access the basement carpark from the north and south approaches of Desailly Street.
- Movements out of the basement carpark will be restricted to left-out only to improve traffic flow and safety.
- 8.8m Medium Rigid Vehicles (MRVs) and 12.5m Heavy Rigid Vehicles (HRVs) will access the retail loading bay and service the office tenancy by entering Desailly Street from MacArthur Street, entering and exiting out of New Railway Road, and exiting from Pearson Street onto MacArthur Street.
 - 8.8m MRVs can ingress and egress from the retail loading bay with sufficient clearance.
 - 12.5m HRVs will be required to stage in New Railway Road while they are loaded/unloaded.
 - 8.8m MRVs and 12.5m HRVs servicing the office tenancy will be required to stage in New Railway
- Small deliveries (i.e. vehicles smaller than the B99 envelope) for the office tenancy can be loaded/unloaded in the Commercial Loading Zone located in the basement adjacent the lift servicing the commercial area.
- Pedestrians will be able to enter the mall from entrances on MacArthur Street and Desailly Street.
- Pedestrians will be able to access the basement via a moving walkway, stairs and lifts.
- Cyclists will be able to access the basement bicycle spaces via the ramp onto Desailly Street. Appropriate signage will be implemented to warn drivers. Additionally, cyclists will also be able to utilise the two lifts to the basement.
- B99 and B85 vehicles will turn into Pearson Street from MacArthur Street and then enter the online collection point area from Pearson Street. The online collection point movements are counterclockwise with vehicles exiting onto MacArthur Street with a left turn (vehicles wanting to head eastwards will be required to undertake a U-turn at the MacArthur Street / Pearson Street intersection).
- The supermarket loading bay will be serviced by a combination of vehicles, including 12.5m HRVs and 19m semis. Both vehicle types will ingress and egress from Pearson Street via MacArthur Street / Pearson Street intersection.

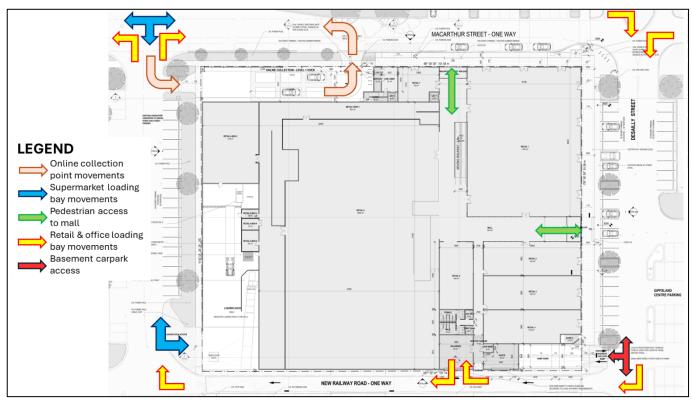


Figure 12: Proposed Access Arrangements

4.3. Loading Bays

The proposed loading bay locations and access arrangements are as follows:

- Supermarket loading bay is accessed from Pearson Street via a range of vehicle types including Heavy Rigid Vehicles (HRVs) and 19m semis.
- Retail loading bay is accessible from New Railway Road for 8.8m Medium Rigid Vehicles (MRVs). Heavy Rigid Vehicles are required to unload/load within New Railway Road.
- Commercial (office) loading zone is located within the basement carpark and services small deliveries (i.e. B99 vehicles or smaller).

4.4. Waste Collection Arrangements

The waste management and collection arrangements for the project site are detailed in a separate Waste Management Plan prepared by Beveridge Williams.

4.5. Online collection point

The online collection point will allow for two lanes of three collection point spaces (6 collection spaces in total), plus 4 additional spaces of storage on-site and 1 space between the footpath and road carriageway.

5. PARKING AND ACCESS ASSESSMENT

5.1. Car Parking Provision

5.1.1. Assumptions

The following assumptions regarding the potential uses have been adopted:

- A conversion factor of 95% has been adopted to convert total area to Gross Floor Area.
- The RMS Guide to Traffic Generating Developments says that typically 75% of the gross floor area may be deemed as gross leasable floor area depending upon the development.
- Multi-purpose trips have not been incorporated into the following analysis.
- Undiverted and diverted drop-in trips have also not been incorporated into the following analysis as
 implementation of these calculations is generally aided by empirical observation of existing traffic/parking
 movements.
- Peak parking generation for the retail shops, offices and supermarket are taken to occur simultaneously. Based on RMS data, the restaurant will experience approximately 40% of the peak hour demand.
- A rate of 3.275 m² of Gross Floor Area per patron for the restaurant has been adopted from RMS data.

To provide a robust assessment the parking provision requirements are contemplated for a weekday, since no office parking demand will occur on the weekend.

5.1.2. Wellington Planning Scheme Car Parking Requirements

'Retail premises' are not listed in Table 1 of Clause 52.06 of the Wellington Planning Scheme. However, the following uses are nested within 'retail premises' per Clause 73.03 and are therefore considered to be applicable:

- 'Food and drink premises other than listed in this table'
 - o 4 to each 100 m² of leasable floor area
- 'Shop other than listed in this table'
 - o 4 to each 100 m² of leasable floor area

Supermarkets, restaurants and offices are listed in Table 1 of Clause 52.06 of the Wellington Planning Scheme with the following rates:

- 'Supermarket'
 - o 5 to each 100 m² of leasable floor area
- 'Restaurant'
 - o 0.4 to each patron permitted.
- 'Office other than listed in this table'.
 - o 3.5 spaces to each 100 m² of net floor area

Table 3 summarises the standard car parking provision requirements for each use.

5.1.3. Accessible Car Parking Requirements

Per the National Construction Code, it is deemed that:

- 'Supermarket, 'Food and drink premises', 'Restaurant' and 'shops' would be classed as Class 6 buildings (uses), which are:
 - o "a shop or other building used for the sale of goods by retail or the supply of services direct to the public."
 - o required to provide accessible spaces per the following rate:
 - "With up to 1000 carparking spaces 1 accessible space for every 50 carparking spaces or part thereof."
- 'Offices' would be classified as a Class 5 building (use), which are:
 - o "an office building used for professional or commercial purposes".
 - o required to provide accessible spaces per the following rate:
 - "1 accessible space for every 100 carparking spaces or part thereof."

Table 3 summarises the accessible car parking provision requirements for each use.



The car parking requirements for the mixed-use development based on Clause 52.06 of the Wellington Planning Scheme and the National Construction Code (NCC) are broken down below in Table 3.

Table 3: Car Parking Requirements

| COMPONENT | RELEVANT FLOOR AREA (M²) | CAR PARKING RATE | CAR PARKING PROVISION REQUIREMENTS | ACCESSIBLE CAR PARKING RATE | ACCESSIBLE CAR PARKING REQUIREMENTS |
|-------------|---------------------------------------|--|--|--|-------------------------------------|
| Supermarket | 2,669m² (GLFA) | 5 to each 100 m² of leasable floor area | 133 | 1 accessible space for every 50 carparking spaces | 2.66 |
| Office | 2,571m² (GFA / Net Floor Area) | 3.5 spaces to each 100 m ² of net floor area | 89 | 1 accessible space for every 100 carparking spaces | 0.89 |
| Retail | 1,349m² (GLFA) | 4 spaces to each 100m ² of leasable floor area | 53 | 1 accessible space for every 50 | 1.06 |
| Restaurant | 221m² (GFA) ~27 patrons (non-peak) | 0.4 to each patron permitted | 10 | carparking spaces | 0.2 |
| TOTAL | ~6,810m² | - | 285 | - | 4.81 (5) spaces |

5.1.4. Car Parking Demand Assessment

Contemplating only the basement carparking, the proposed provision of 259 spaces (including 6 accessible spaces) represents a shortfall of 27 standard spaces and a surplus of 1 accessible space (26 total spaces).

Based on the Wellington Planning Scheme Clause 52.06-7, a car parking demand assessment is required to reduce the number of car parking spaces as outlined in Clause 52.06-5. The following provides an assessment taking into consideration the existing on-street parking adjacent the project site and the addition of the proposed basement car parking.

The project site is currently occupied by an existing use (Bunnings) that does not provide on-site parking and it would be expected that customers would use the on-street parking and the off-street parking area to the east of the project site. From the on-street parking there is a provision of 54 car spaces located around the perimeter of the project site. From initial review of aerial imagery, the on-street parking spaces are not fully utilised and have capacity for parking. Parking surveys have been commissioned for the on-street and off-street parking areas around the project site, and analysis of the results will be provided in the addendum.

There are on-road bicycle lanes on MacArthur Street that provide cycling links east-west across Sale. The project site will also provide street level bicycle parking hoops and secure basement bicycle parking for staff in line with the Wellington Planning Scheme. These facilities will provide the opportunity for mode shift and encourage the use of cycling to travel to and from the project site.

The online collection point provides a space for supermarket customers to collect their online shopping purchase. It is anticipated they would use the dedicated collection point and likely be there for less than 5 minutes before leaving. Using this service would avoid the need to park for long periods of time.

Based on the existing 54 on-street parking spaces; the 259 off-street parking spaces provided in the basement level; the availability of public and active transport as discussed in section 2.4; and the bicycle parking and online collection point, it is considered the on-site car parking provision of 253 standard spaces and 6 accessible spaces (259 total spaces) is appropriate for the project site based on Clause 52.06 of the Planning Scheme and the NCC.

5.1.5. Existing Car Parking Demand Estimate (Bunnings)

To provide further insight into the estimated parking demand from the Bunnings use, the following section provides an estimate of the carparking required based on Clause 52.06.

It is considered that the existing use (Bunnings) falls into two categories per the Wellington Shire Planning Scheme:

- Trade supplies
 - o 10% of the site area is required as carparking.
 - o It is assumed that 25m² is required per car space.
- Restricted retail premises
 - o 3 spaces to each 100m² of leasable floor area

Based on the existing conditions plan provided by ThextonSmith, Bunnings has a total floor area of approximately 6,100m² with the following usage breakdown:

- Nursery and Garden Supplies (1,831.8 m²) (50:50 split between trade supplies and restricted retail premises)
- Trade / Timber (1,565.4 m²) (trade supplies)
- Retail (2,711.6 m²) (restricted retail premises)

Therefore, based on the above, an existing statutory carparking requirement of 86 spaces per Clause 52.06 has been calculated:

- 2,585 m² (GLFA) of restricted retail premises (77 spaces)
- 2,481 m² of trade supplies (9 spaces)

Per the National Construction Code, it is deemed that:

- 'Restricted retail premises' would be classed as Class 6 buildings (uses), which are:
 - o "a shop or other building used for the sale of goods by retail or the supply of services direct to the public."
 - o required to provide accessible spaces per the following rate:
 - "With up to 1000 carparking spaces 1 accessible space for every 50 carparking spaces or part thereof."
- 'Trade Supplies' would be classified as a Class 7 building (use), which are:
 - o (class 7b) "a building that is used for storage, or display of goods or produce for sale by wholesale."
 - o required to provide accessible spaces per the following rate:
 - "1 accessible space for every 100 carparking spaces or part thereof."

Based on the above, two accessible spaces are required for the existing use.

From this high-level assessment, it can be seen that the Bunnings would need 86 total spaces, inclusive of two accessible spaces, that would have been accommodated by the existing on-street and off-street spaces already provided.

5.2. Car Parking Design Requirements

An assessment of Design Standards 1 and 2 from the Wellington Planning Scheme Clause 52.06-9 has been undertaken for the proposed basement car park layout.

5.2.1. Design Standard 1

Table 4 outlines the design standard relating to accessways from Clause 52.06-9.

Table 4: Wellington Planning Scheme Clause 52.06-9 Design Standard 1

| REQUIREMENT | DESIGN RESPONSE |
|--|-----------------|
| Be at least 3 metres wide. | Satisfied |
| Have an internal radius of at least 4 metres at changes of direction or intersection or be at least 4.2 metres wide. | Satisfied |

| Allow vehicles parked in the last space of a dead-end accessway in public car parks to exit in a forward direction with one manoeuvre. | Not Applicable |
|---|------------------|
| Provide at least 2.1 metres headroom beneath overhead obstructions, calculated for a vehicle with a wheel base of 2.8 metres. | Satisfied (ramp) |
| If the accessway serves four or more car spaces or connects to a road in a Transport Zone 2 or Transport Zone 3, the accessway must be designed so that cars can exit the site in a forward direction. | Satisfied |
| Provide a passing area at the entrance at least 6.1 metres wide and 7 metres long if the accessway serves ten or more car parking spaces and is either more than 50 metres long or connects to a road in a Transport Zone 2 or Transport Zone 3. | Satisfied |
| Have a corner splay or area at least 50 per cent clear of visual obstructions extending at least 2 metres along the frontage road from the edge of an exit lane and 2.5 metres along the exit lane from the frontage, to provide a clear view of pedestrians on the footpath of the frontage road. The area clear of visual obstructions may include an adjacent entry or exit lane where more than one lane is provided, or adjacent landscaped areas, provided the landscaping in those areas is less than 900mm in height. | Satisfied. |
| If an accessway to four or more car parking spaces is from land in a Transport Zone 2 or Transport Zone 3, the access to the car spaces must be at least 6 metres from the road carriageway. | Satisfied |

It is noted that the locations and dimensions of the columns will need to be adjusted to facilitate the carparking space design envelope once the architects have received structural advice.

5.2.2. Design Standard 2

Table 5 outlines the minimum dimensions for standard car spaces per Clause 52.06-9 Design Standard 2.

Table 5: Wellington Planning Scheme Clause 52.06-9 Design Standard 2

| ANGLE OF CAR PARKING | ACCESSWAY WIDTH | CAR SPACE WIDTH | CAR SPACE LENGTH | DESIGN RESPONSE |
|-------------------------|-----------------|-----------------|------------------|-----------------|
| 90° | 6.4m | 2.6m | 4.9m | Satisfied |

Disabled spaces (accessible spaces) must be provided in accordance with AS2890.6. and the National Construction Code (NCC). Disabled car parking spaces may encroach into the accessway width specified in Table 5 by 500mm.

Accessible spaces should ideally be provided in sets of two for maximum space efficiency with:

- Minimum dimensions per AS2890.6 and the Planning Scheme.
- Two accessible spaces of 4.9m length and minimum 2.4m width (can be 2.6m wide for consistency and flexibility with standard car parking spaces) flanking a common shared space of 4.9m long by 2.4m wide (can be 2.6m wide for consistency and flexibility) allowing for a 0.5m encroachment into the 6.4m accessway.
- Accessible car spaces should be located so that they are easily accessed and convenient to the relevant uses.

5.3. On-Street Parking

The provision of additional on-street parking will be consistent with the existing on-street carparking provisions.

5.4. Basement carpark height requirements for DDA accessibility

A minimum of 2.2m overhead headroom is required for the path of vehicular travel from the carpark entrance to the accessible parking spaces and from those spaces to the carpark exit. Above the accessible spaces, 2.5m overhead clearance is required.

5.5. Ramp grade and headroom

The basement carpark ramp grades and headroom have been assessed using vertical swept path analysis (see Appendix B) and against AS2890.1 Off-Street Parking.

5.6. Basement carpark vehicle circulation

A swept path assessment of the proposed car park layout (provided in Appendix B) demonstrates that B99 and B85 vehicles are able to pass with adequate clearance for critical areas. To manage traffic flow within the basement carpark, the following 'Give Way' linemarking is proposed (see Figure 13).

Chevron linemarking is recommended at the entrances to the ramp to guide vehicles as per Figure 14. All pavement markings should be provided in accordance with AS1742 and VicRoads Traffic Engineering Manual Volume 2.

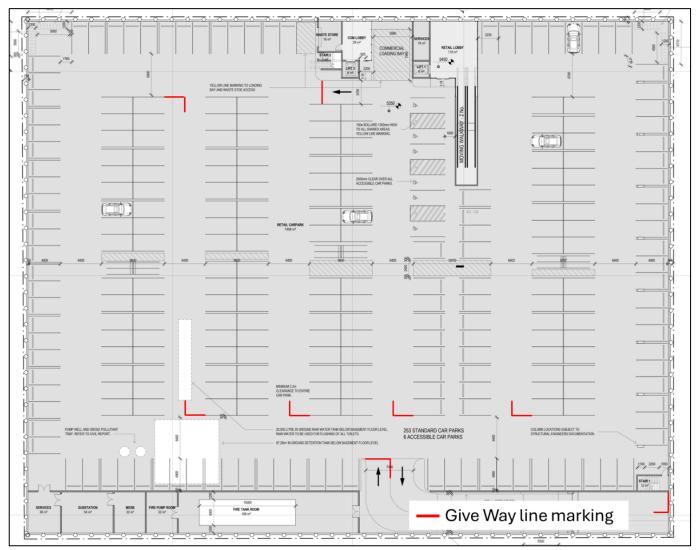


Figure 13: Proposed Basement Carpark Give-Way Linemarking

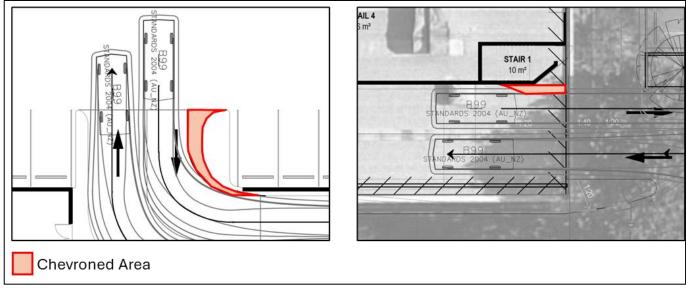


Figure 14: Proposed Linemarking at ramp entrances

5.7. Loading Bay Design

Clause 65.01 of the Wellington Planning Scheme states that:

"Before deciding on an application or approval of a plan, the responsible authority must consider, as appropriate: ... The adequacy of loading and unloading facilities and any associated amenity, traffic flow and road safety impacts"

AS2890.2 Off-street commercial vehicle facilities provides the following guidance with respect to any proposed loading bay arrangements:

- The service area should be designed to mitigate conflict between pedestrian movement and vehicles.
- A minor service area may be located on part of the internal roadway system at the site provided the occasional obstruction to other traffic by manoeuvring trucks can be tolerated.

The proposed loading areas (supermarket, retail and commercial) have been designed to mitigate conflicts with pedestrians and other vehicles whilst considering the various constraints presented by the site and the surrounding streets. The proposed loading bay arrangements for the site are considered to be appropriate, noting that New Railway Road is a private road and currently is used for deliveries.

The addendum to this report will further consider the appropriateness of the proposed loading arrangements by understanding the timing of existing delivery vehicles accessing New Railway Road.

5.7.1. Supermarket Loading Bay

The supermarket loading bays will meet the minimum bay width of 3.5m and length of 12.5m and 20.0m to accommodate a HRV and 19m articulated vehicle. Based on architectural plans provided to Beveridge Williams, the supermarket loading bay will meet the minimum vertical clearance of 4.5m requirement for HRVs and articulated vehicles (19m semi).

The following AS2890.2 gradient requirements are required to be met within the supermarket loading bay and the retail loading bay:

- The maximum gradient within a service area (excluding service bays) is 12.5% measured in any direction.
- The maximum gradient within a service bay shall be 4% measured in any direction.

5.7.2. Retail Loading Area

The retail loading area will have a depth of approximately 9m and a width of approximately 8.9m. Whilst the vehicle will partially extend into the New Railway Road reserve during unloading/loading, this will not adversely impede traffic and pedestrian movements along New Railway Road. Based on architectural plans by ThextonSmith, the retail loading bay will meet the minimum vertical clearance requirement of 4.5m for MRVs.

5.7.3. Commercial Loading Bay

The commercial loading zone, which is located within the basement carpark adjacent the commercial lift, is sufficient to accommodate rear and side loading from B99 vehicles. The commercial loading zone has a width of 5.98m and a length of 7.99m.

5.8. Online Collection Point operation

The proposed online collection point is suitable from an operational perspective.

The proposed online collection point will reduce the overall parking demand and improve overall traffic flow.

The relevant section of Clause 52.06-9 which outlines the requirements regarding visual obstructions: Have a corner splay or area at least 50 per cent clear of visual obstructions extending at least 2 metres along the frontage road from the edge of an exit lane and 2.5 metres along the exit lane from the frontage, to provide a clear view of pedestrians on the footpath of the frontage road. The area clear of visual obstructions may include an adjacent entry or exit lane where more than one lane is provided, or adjacent landscaped areas, provided the landscaping in those areas is less than 900mm in height.

Based on the architectural plans, the proposed façade arrangement adjacent the online collection point exit satisfies these requirements.

6. BICYCLE PARKING CONSIDERATIONS

6.1. Bicycle Space Design Requirements

Clause 52.34 of Wellington Planning Scheme as it relates to bicycle parking is listed below:

- Provide a space for a bicycle of minimum dimensions of 1.7m in length, 1.2m in height, and 0.7m in width at the handlebars.
- Be located to allow a bicycle to be ridden to within 30m of the bicycle parking space.
- Be located to provide convenient access from surrounding bicycle routes and main building entrances.

AS2890.3 Bicycle Parking outlines the requirements for the design of bicycle parking spaces and should be referred to when considering the provision of bicycle spaces from a design perspective. In particular, the following is noted:

- Bicycle parking should be located to cause minimal disruption to other users but also be easily accessible to cyclists and close to their destinations.
- The bicycle hoop should be suitably offset from buildings or fences.
- The bicycle space envelope is provided on both sides of the bicycle hoop.
- The following offsets from the relevant accessway should be provided: 0.3m for a footpath, or 0.5m from back of kerb of the carpark.
- Bicycle facilities should be located in well-lit areas, and where passive surveillance is likely.
 - Bicycle parking facilities used at night shall be appropriately lit to minimise theft and vandalism, and to increase pedestrian and cyclist safety.
- Appropriate regulatory and information signage should be provided.

Where possible, the provision of bicycle spaces for the project site should reflect the above.

6.2. Bicycle Parking Requirement

Under Clause 52.34 of the Wellington Planning Scheme, whilst several categories could be considered to apply, the bicycle provision requirements for 'Retail premises other than specified in this table' have been adopted to generally reflect the likely overall nature of future uses (noting the 'shop' use rate is less restrictive and the floor area available to the public for the 'restaurant' is unknown). The 'Office other than listed in this table' has been adopted to reflect the Office use:

- The following bicycle parking rates are applicable for a 'Retail premises other than specified in this table' use:
 - o For employees:
 - 1 to each 300 sq m of leasable floor area
 - o For Visitors/Shoppers:
 - 1 to each 500 sq m of leasable floor area
- The following bicycle parking rates are applicable for an 'Office other than specified in this table' use:
 - o For employees:
 - 1 to each 300 sq m of net floor area if the net floor area exceeds 1000 sq m.
 - o For Visitors:
 - 1 to each 1000 sq m of net floor area if the net floor area exceeds 1000 sq m.

Table 6: Bicycle Parking Provision Requirements

| COMPONENT | FLOOR AREA (M²) | EMPLOYEE BICYCLE RATE | BICYCLE PARKING PROVISION REQUIREMENTS (EMPLOYEE) | VISITOR / SHOPPER BICYCLE RATE | BICYCLE PARKING PROVISION REQUIREMENTS (VISITOR / SHOPPER) | TOTAL BICYCLE PARKING |
|--|--------------------|---|---|---|---|-----------------------------|
| Retail premises other than specified in this table (supermarket) | 2,669 (GLFA) | 1 to each 300m ² of leasable floor area | 8.90 (9) | 1 to each 500m² of leasable floor area | 5.34 (5) | 14 |

| COMPONENT | FLOOR AREA (M²) | EMPLOYEE BICYCLE RATE | BICYCLE PARKING PROVISION REQUIREMENTS (EMPLOYEE) | VISITOR / SHOPPER BICYCLE RATE | BICYCLE PARKING PROVISION REQUIREMENTS (VISITOR / SHOPPER) | TOTAL BICYCLE PARKING |
|--|--------------------|---|---|---|---|-----------------------------|
| Retail premises other than specified in this table (other tenancies) | 1,570 (GLFA) | 1 to each 300m² of leasable floor area | 5.23 (5) | 1 to each 500m² of leasable floor area | 3.14 (3) | 8 |
| Office other than specified in this table | 2,571 (GFA) | 1 to each 300 sq m of net floor area | 8.57 (9) | 1 to each 1,000 sq m of net floor area | 2.57 (3) | 12 |

A total of 34 bicycle spaces (23 employee and 11 shopper/visitor) will be required per Clause 52.34 of the Wellington Planning Scheme.

The Wellington Planning Scheme states that a bicycle space for an employee must be provided either in a bicycle locker or at a bicycle rail in a lockable compound.

1 set of 19 and 1 set of 18 bicycle spaces will be provided in the northeast and northwest corners of the basement carpark for employees. A surplus of 14 bicycle spaces for employees will be provided.

18 visitor/shopper spaces will be provided on the MacArthur Street frontage with 8 bicycle spaces (4 hoops) located on Council land (southwest corner of the MacArthur Street / Desailly Street intersection – location is indicative) and 10 spaces (5 hoops) located adjacent the online collection point. This equates to a surplus of 7 visitor spaces. Furthermore, it is noted that the provision of bicycle spaces associated with the project site is significantly above the existing bicycle space provision for both the existing site (Bunnings) and the surrounding land uses. Therefore, it is considered that the provision of bicycle spaces is in line with Clause 52.34.

6.3. Other bicycle facilities – Showers and Change Rooms

For 'Retail premises other than specified in this table' and 'Office other than specified in this table', the following requirements for other bicycle facilities apply per Clause 52.34 of the Wellington Planning Scheme:

- Showers:
 - Employee: If 5 or more employee bicycle spaces are required, 1 shower for the first 5 employee bicycle spaces, plus 1 to each 10 employee bicycle spaces thereafter.
 - Visitor/Shopper: None.
- Change rooms:
 - o Employee: 1 change room or direct access to a communal change room to each shower. The change room may be a combined shower and change room.
 - o Visitor/Shopper: None.

Approximately 3 showers and 3 change rooms are required based on Clause 52.34. 1 shower in an accessible water closet will be provided for the non-supermarket retail tenancies, plus 1 shower in an accessible water closet for each of the supermarket and office. Therefore, the provision of shower and change rooms per Clause 52.34 is satisfied.

7. TRAFFIC CONSIDERATIONS

Holistic considerations of the proposed development from a traffic perspective have been outlined in the following section. The addendum will contain empirical analysis of expected peak hour traffic generation volumes generated by the project site, as well as modelling of existing and future traffic conditions.

The capacity of the surrounding road network and intersections to accommodate the traffic generated by the project site will be analysed as part of the addendum, noting that a clear understanding of realistic traffic volumes and flows will require empirical data from the traffic surveys.

7.1. Alignment with Shire of Wellington Strategic Documents

Based on a review of relevant strategic documents prepared by the Wellington Shire Council, it is considered that the proposed development is consistent with the future planned development of the Sale CBD:

- Sale, Wurruk and Longford Structure Plan:
 - o Identifies the project site as being within the existing retail use.
 - The proposed development generally meets the objectives and strategies outlined for commercial development.
 - The Structure Plan identifies four broad types of commercial growth: (1) within the centre of the Sale CBD, (2) at the edge of the CBD, (3) at neighbourhood retail hubs, and (4) distant from the Sale CBD and neighbourhood hubs. It is considered that the project site falls somewhere between classification 1 and 2.
 - The project site development will have essentially facilitated the relocation of the existing largeformat, bulky goods use (Bunnings).
- Sale CBD Precinct Plan
 - o Gippsland Shopping Centre is identified as a major retail attraction. The project site would expand
 - The project site is identified as being within the core retail precinct.
 - The Sale CBD Precinct Plan envisages the core retail precinct expanding in the northward direction.

It is also noted that the project site is aligned with existing, surrounding land uses (e.g. the Gippsland Shopping Centre is located to the south of the project site).

7.2. Peak hour traffic generation profiles

Description of the peak hour traffic generation profiles for the potential uses have been provided below.

- Office
 - Monday to Friday traffic generation.
 - Based on the Transport for NSW (formerly RTA) data, office blocks generally have peak hour traffic around 8:00am to 9:00am, 12:00pm to 1:00pm and 5:00pm to 6:00pm.
 - The AM peak hour is usually critical for offices.
- Shopping centre (supermarket and retail tenancies)
 - o The peak hour traffic generation profiles for the supermarket and retail tenancies are expected to be similar to existing, surrounding land uses and will therefore be informed by the empirical analysis in the addendum.
- Restaurant/café
 - Whilst it has been assumed that the restaurant/café would be open for 7 days a week for the waste generation calculations, restaurants/cafés are generally closed for one or two days a week (e.g. Monday or Tuesday).
 - o Based on Traffic Authority of NSW data, restaurant peak hours are generally 7:00pm to 8:00pm with significantly less traffic generation around 5:00pm to 6:00pm.
 - If the restaurant/café is open for breakfast and lunch, peak hour times are expected to occur around 9:00am to 10:00am and from 12:00pm to 1:00pm.
 - The PM peak hour is usually critical for restaurants.



7.3. Network Traffic Considerations

The traffic trips associated with the project site form a portion of the overall network traffic. Therefore, the context of the project site traffic will influence the network traffic, and vice versa. A traffic assessment is, therefore, required to incorporate these network traffic considerations to ensure a more accurate estimation of the traffic volumes associated with and generated by the project site.

- It is envisaged that a substantial proportion of trips to the project site would be multi-purpose trips, either for visiting other tenancies within the project site (i.e. visitors to the supermarket would often shop at the other retail tenancies) or the surrounding, external land uses (given the project site is within a shopping precinct).
- A significant portion of trips to the site would also be undiverted drop-in trips (i.e. dropping off at the supermarket on the way home from work). At the local and regional level, undiverted drop-in trips do not represent additional trips. Diverted drop in trips may have a localised impact but would not have a significant affect/additional impact at the regional level, as they are pre-existing (i.e. they are already on the network, similar to undiverted drop-in trips).

8. CONCLUSION

8.1. Overview

An initial traffic impact assessment was completed for the proposed development at 38-50 MacArthur Street, Sale located within the Shire of Wellington. The proposed development consists of a supermarket, multiple retail tenancies (including one that has been assumed to be a restaurant), and a commercial (office) space. Pedestrian access to the proposed development is from MacArthur Street and Desailly Street. The basement carpark is accessible via a ramp from Desailly Street. Supermarket loading and waste collection occurs via Pearson Street, whilst retail and commercial loading and waste collection occurs from New Railway Road.

The initial TIA has considered many aspects of the proposed development, including car parking provision, bicycle parking provision, carpark and access design, active and public transport, and holistic traffic considerations. The traffic assessment and modelling, and parking survey analysis will be provided in the addendum.

The initial TIA was submitted to Wellington Shire Council on 22nd August 2025 as part of the Development Plan application. Subsequent to this, Beveridge Williams received Initial Comments and Feedback from Wellington Shire Council dated 15th September 2025. These comments have been addressed in the updated version (v1.1) of this report or will be addressed in the addendum report.

8.2. Key Findings

The findings outlined in this Report are summarised below:

- The Wellington Shire strategic planning documents are supportive of the proposed development.
- There is substantial active and public transport in the vicinity of the site, which will be of significant benefit to the proposed uses.
- The recorded crash history in the vicinity of the site does not indicate any crash trend that requires urgent remedial actions.
- The proposed standard and accessible car parking provision is appropriate per Clause 52.06 of the Wellington Shire Planning Scheme and the National Construction Code (NCC).
 - The proposed carparking provision for the project site (253 standard spaces and 6 accessible spaces) plus the adjacent on-street parking (54 spaces) is greater than the statutory and NCC car parking requirements of 285 total spaces (280 standard spaces and 5 accessible spaces).
- The carpark has been designed in accordance with AS2890.1 Off-Street Parking, AS2890.6 Off-Street parking for people with disabilities and Clause 52.06 where appropriate.
 - The column placement will need to be updated once structural engineering advice is received to ensure that the carpark clearance envelope is satisfied per Clause 52.06.
- The carpark ramp design is suitable and has been designed per AS2890.1 Off-Street Parking and has been assessed using 2D vertical swept path analysis for B99 and B85 vehicles.
 - o The ramp headroom is required to be designed to reflect the wheelbase of a B99 vehicle.
- A total of 34 bicycle spaces (23 employee and 11 shopper/visitor) are required per Clause 52.34 of the Wellington Shire Planning Scheme. The proposed bicycle provision meets this requirement, with 37 employee bicycle spaces (surplus of 14 spaces) and 18 visitor/shopper spaces (surplus of 7 spaces).
- The proposed loading arrangements for the supermarket, retail tenancies, restaurant, and office are appropriate from a traffic engineering perspective.
- The operational movements for the online collection point are appropriate and will be beneficial from a traffic and parking perspective.
- The proposed development is consistent with the proposed future development of the Sale CBD and shopping precinct. The expected traffic generation characteristics of the proposed development would not be inconsistent with the existing, surrounding land uses.

8.3. Recommendations

The recommendations outlined in this Report are summarised below:

- Provide a lockable bicycle compound for employees at the proposed bicycle racks in the basement.
- Provide Give Way linemarking within the basement carpark per Figure 13.
- Provide chevron linemarking at the entrances to the ramp to guide vehicles per Figure 14.



- Ensure that the column placement is updated once structural engineering advice is received to ensure that the carpark clearance envelope is satisfied per Clause 52.06.
- Indicative location of bicycle parking on the southwest corner of MacArthur Street / Desailly Street intersection should be reviewed to ensure that it does not impede vehicle and pedestrian sightlines.
- Trailers and caravans should be prohibited from accessing the online collection point.
- A minimum of 2.2m overhead is required throughout the entirety of the carpark. Above the accessible spaces, 2.5m overhead clearance is required.
- The ramp headroom requirements are to be designed for the wheelbase of a B99 vehicle.
- Implement appropriate signage and markings in basement carpark (including ramp) to warn drivers of
- Inform future staff of basement bicycle access arrangements.
- Adopt a left-turn only onto Desailly Street for the basement carpark to improve traffic flow and safety.
- 2m by 2.5m corner splays will be provided to the footpath when exiting the online pick-up area.
- Undertake a visibility check once final location of bicycle hoops on the corner of Desailly Street and MacArthur Street has been determined.

In conclusion, the proposed development affords suitable access, circulation, parking, loading and waste collection arrangements. The addendum report will assess the development from traffic modelling and parking survey perspectives.

Beveridge Williams

October 2025

APPENDIX A: DEVELOPMENT PLAN



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TENANT ISSUE 11/06/2025 P3 PRE-APP ISSUE 23/06/2025 PRELIMINARY ISSUE 14/08/2025 01 TOWN PLANNING ISSUE 15/08/2025 38-50 MACARTHUR STREET - SALE CLIENT. SCALE @ A1 1:200 PROJECT NAME. 38-50 MACARTHUR 11/29/23

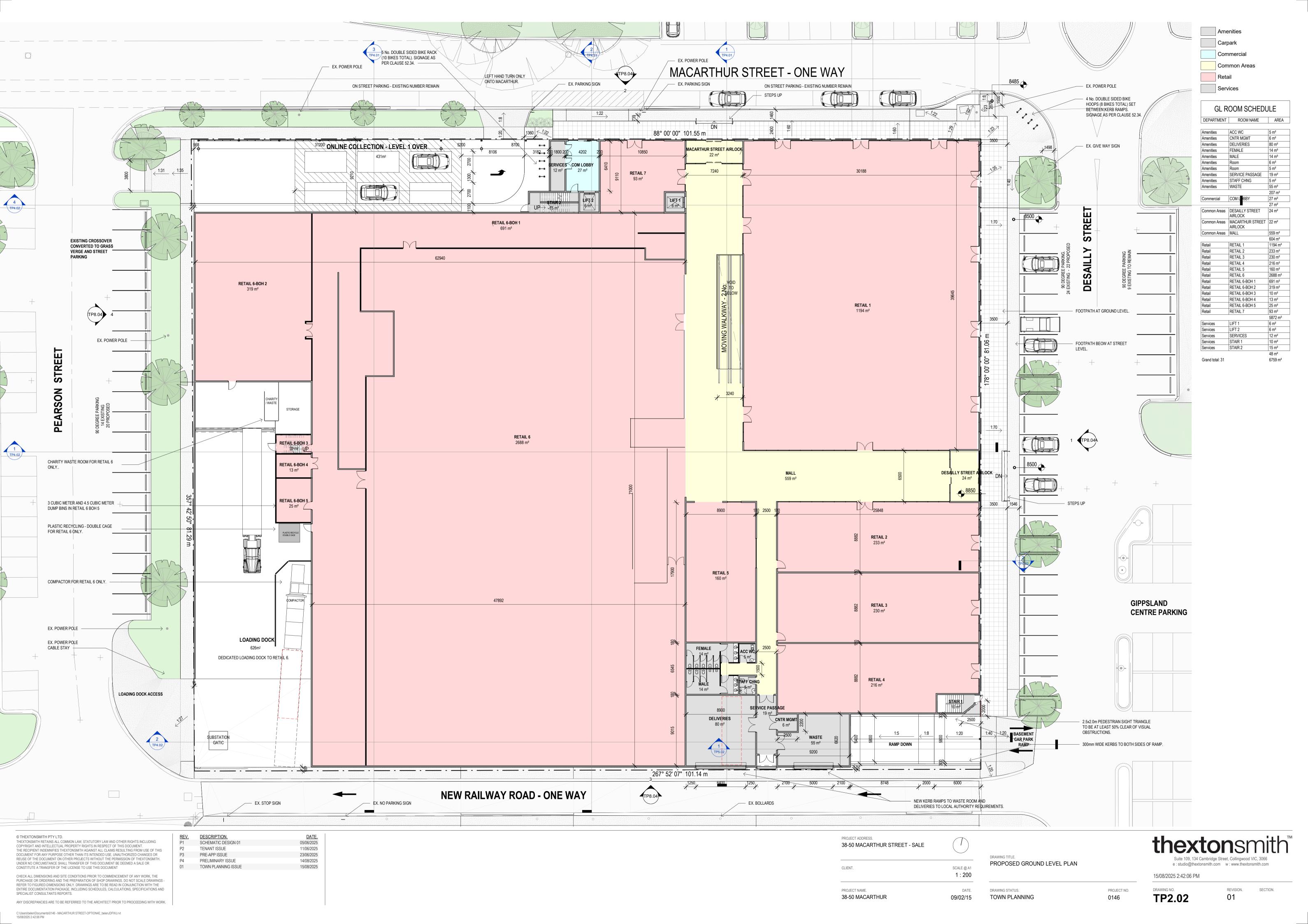
DRAWING TITLE. PROPOSED BASEMENT LEVEL PLAN PROJECT NO.

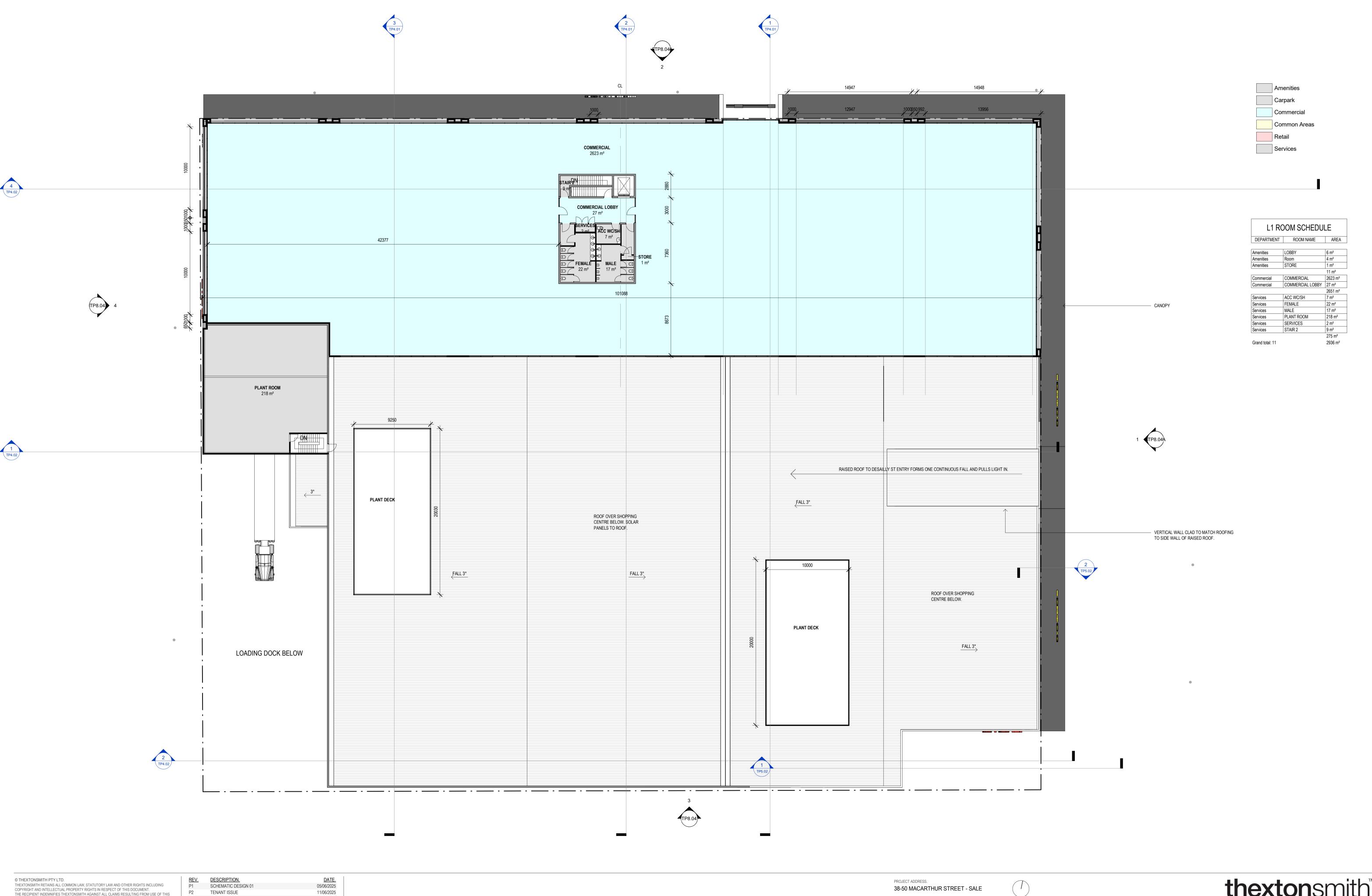
0146

TOWN PLANNING

Suite 109, 134 Cambridge Street, Collingwood VIC, 3066 e: studio@thextonsmith.com w: www.thextonsmith.com 15/08/2025 2:41:54 PM REVISION. SECTION.

TP2.01 01





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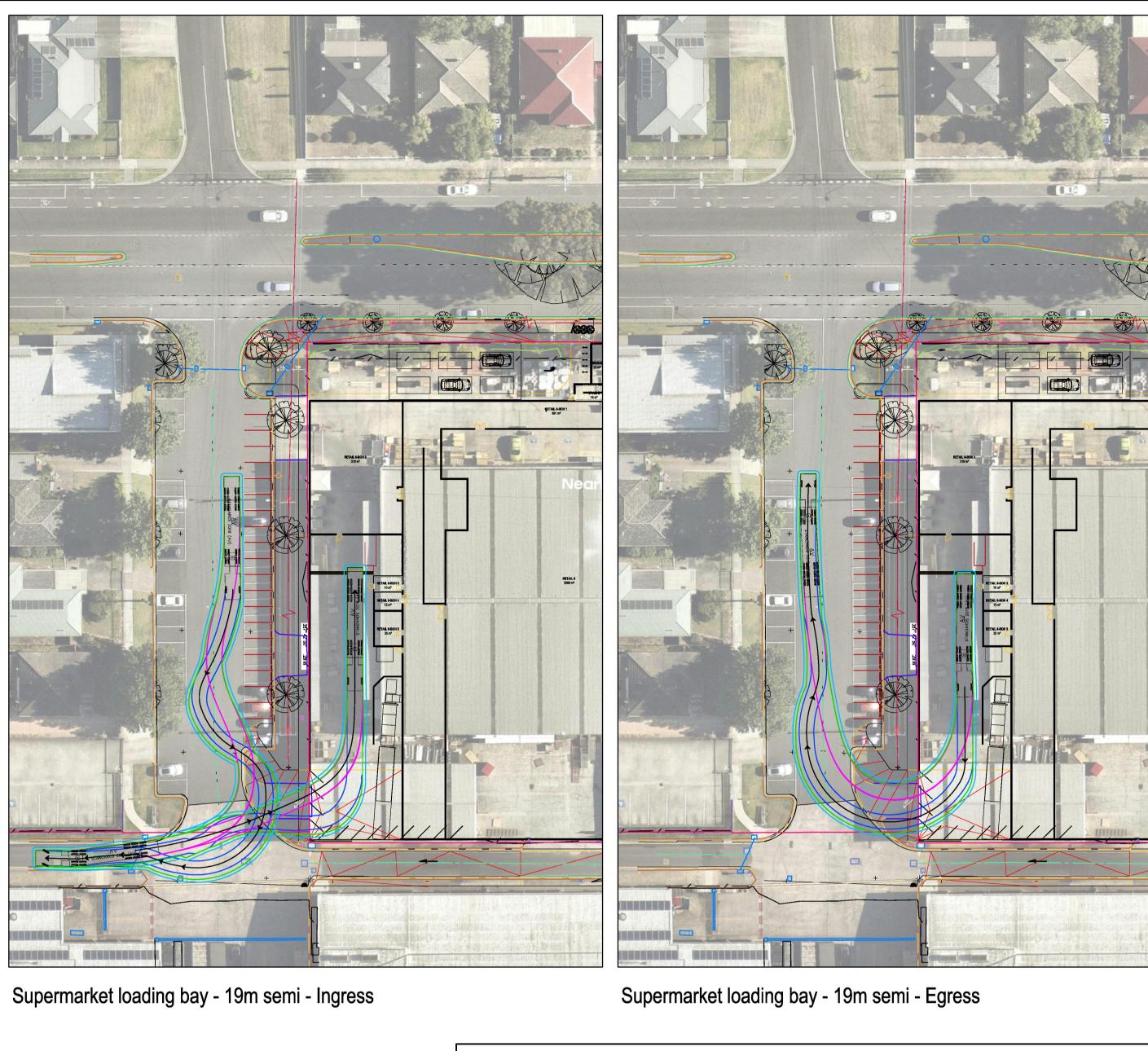
TENANT ISSUE P3 PRE-APP ISSUE 23/06/2025 PRELIMINARY ISSUE 14/08/2025 01 TOWN PLANNING ISSUE 15/08/2025

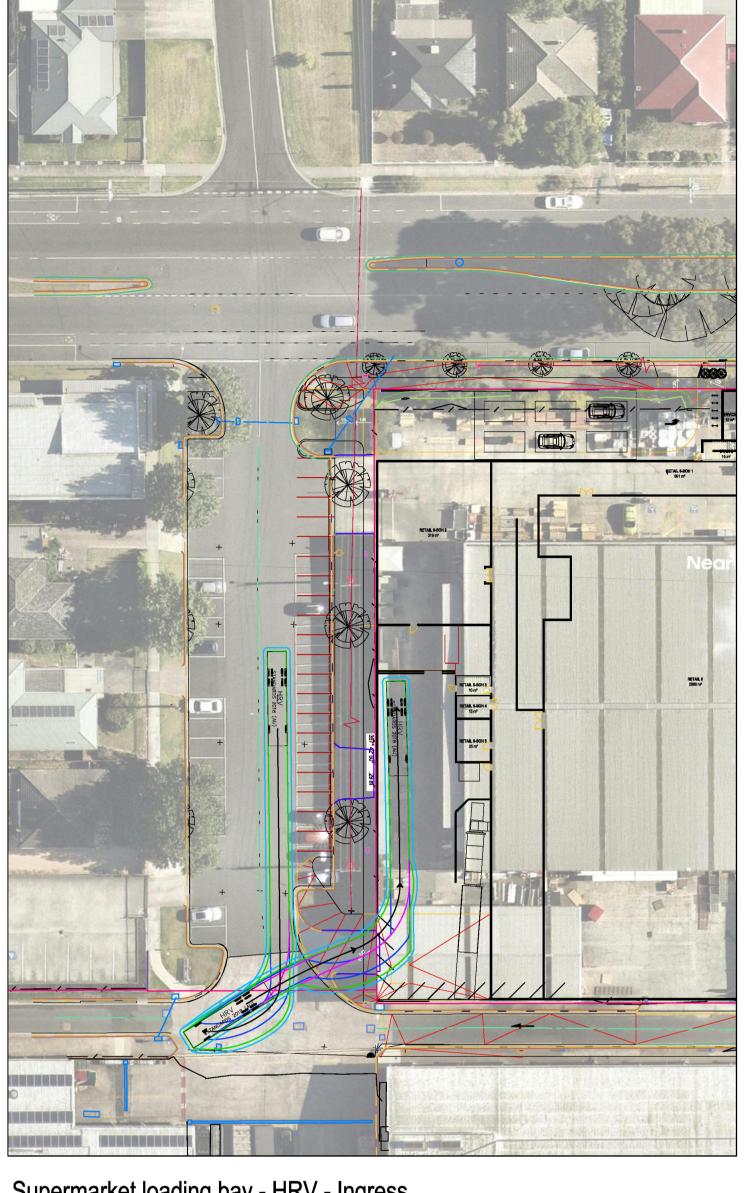
| 38-50 MACARTHUR STREET - SALE | |
|-------------------------------|---------------------|
| CLIENT. | SCALE @ A1 1:200 |
| PROJECT NAME. 38-50 MACARTHUR | DATE. 05/28/25 |

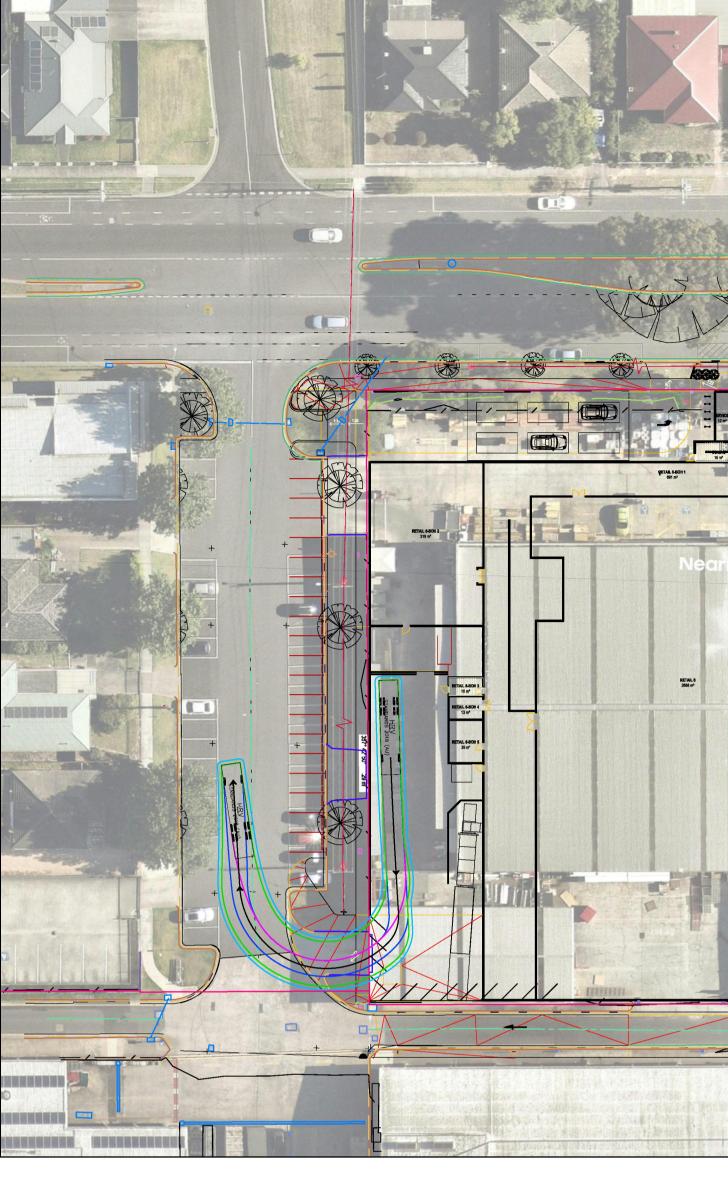
DRAWING TITLE. PROPOSED LEVEL 1 PLAN DRAWING STATUS. PROJECT NO. TOWN PLANNING 0146

Suite 109, 134 Cambridge Street, Collingwood VIC, 3066 e:studio@thextonsmith.com w:www.thextonsmith.com 15/08/2025 2:42:13 PM SECTION. REVISION.

TP2.03 01 APPENDIX B: SWEPT PATH ANALYSIS



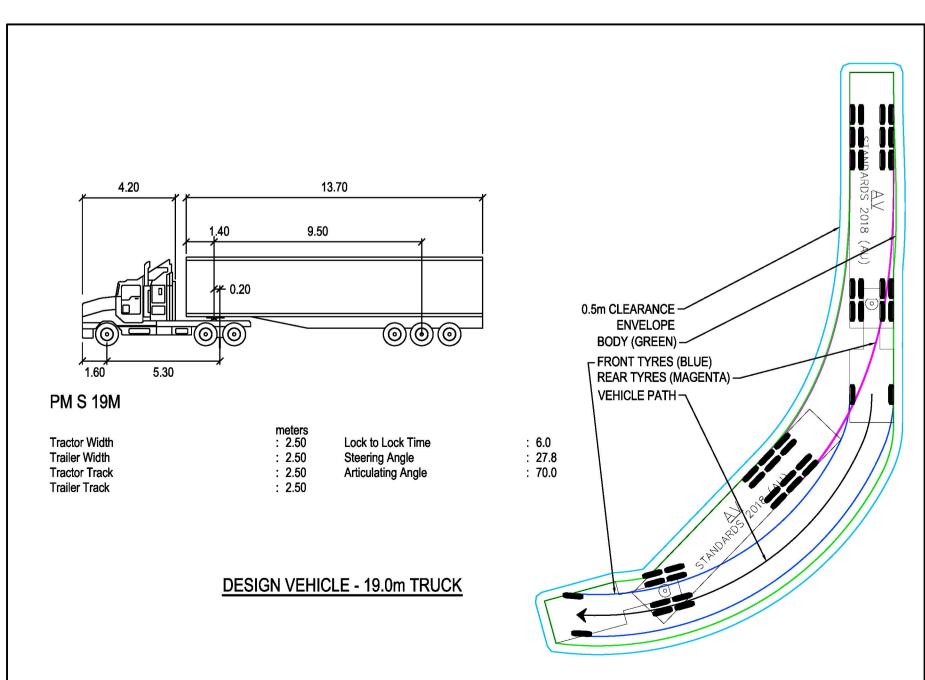


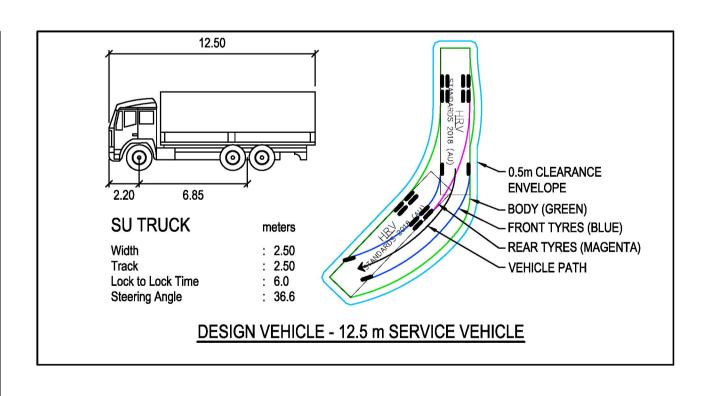


Supermarket loading bay - HRV - Ingress

Approved Reg. No.

Supermarket loading bay - HRV - Egress





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SCALE 1:500 AT A1 SIZE



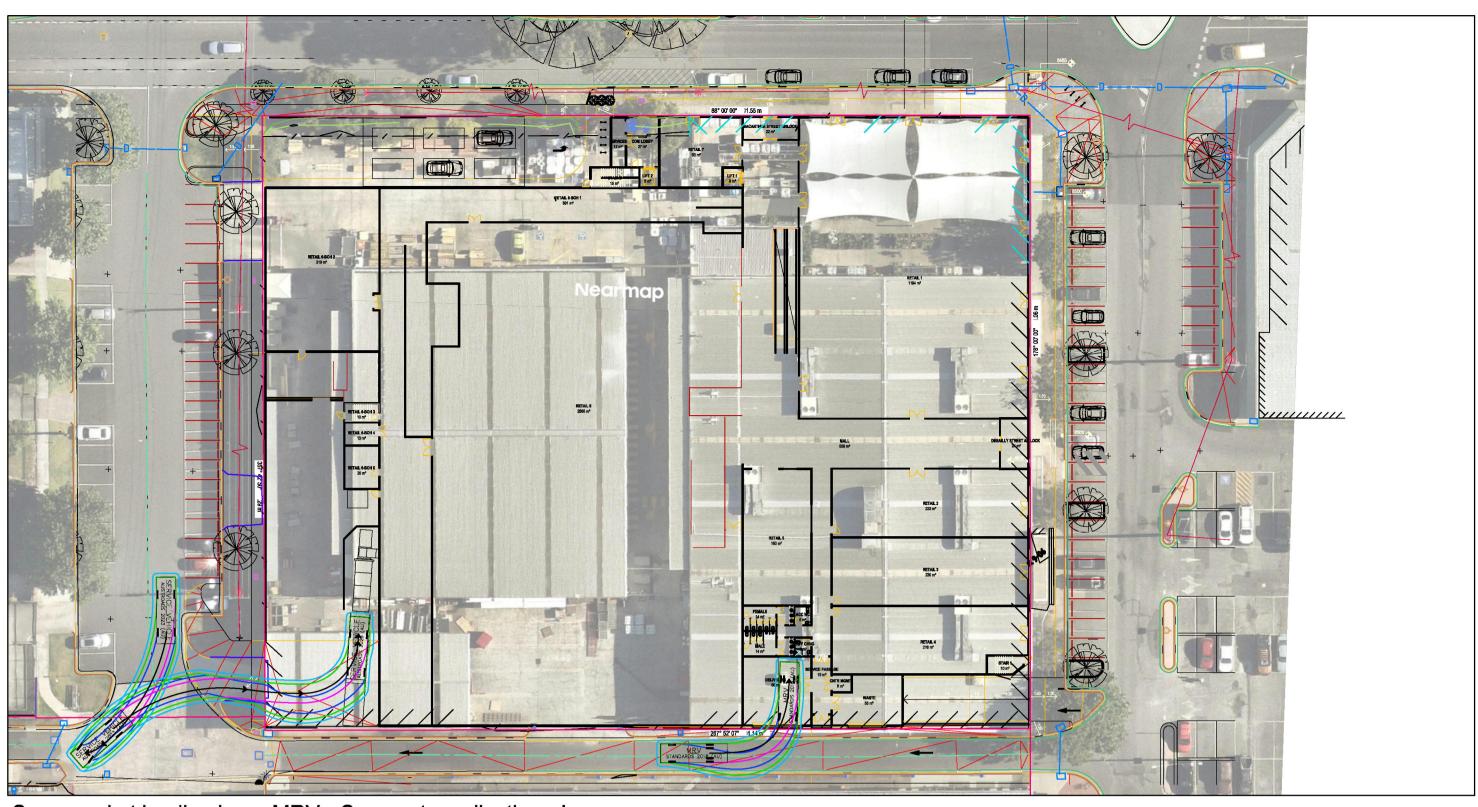
Development & Infrastructure Consultants 1 Glenferrie Road Malvern VIC 3144 ph: 03 9524 8888 www.beveridgewilliams.com.au

Project Details 38-50 MacArthur Street, Sale Mixed Use Development
WELLINGTON SHIRE COUNCIL

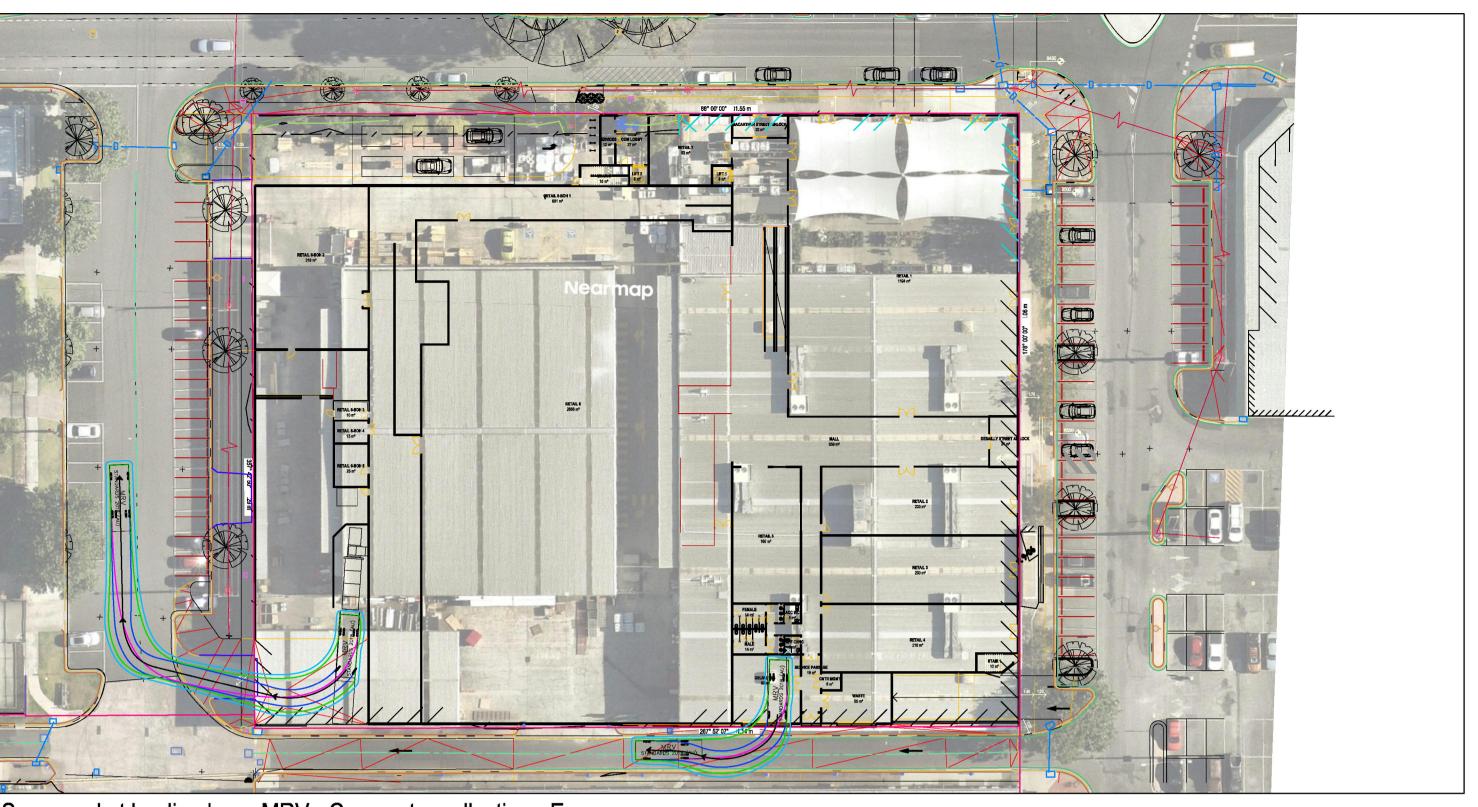
Drawing VEHICLE TURNING MOVEMENTS SHEET 1 OF 5 Supermarket Loading Bay Movements Sheet 01 of 05

1:500 @ A1

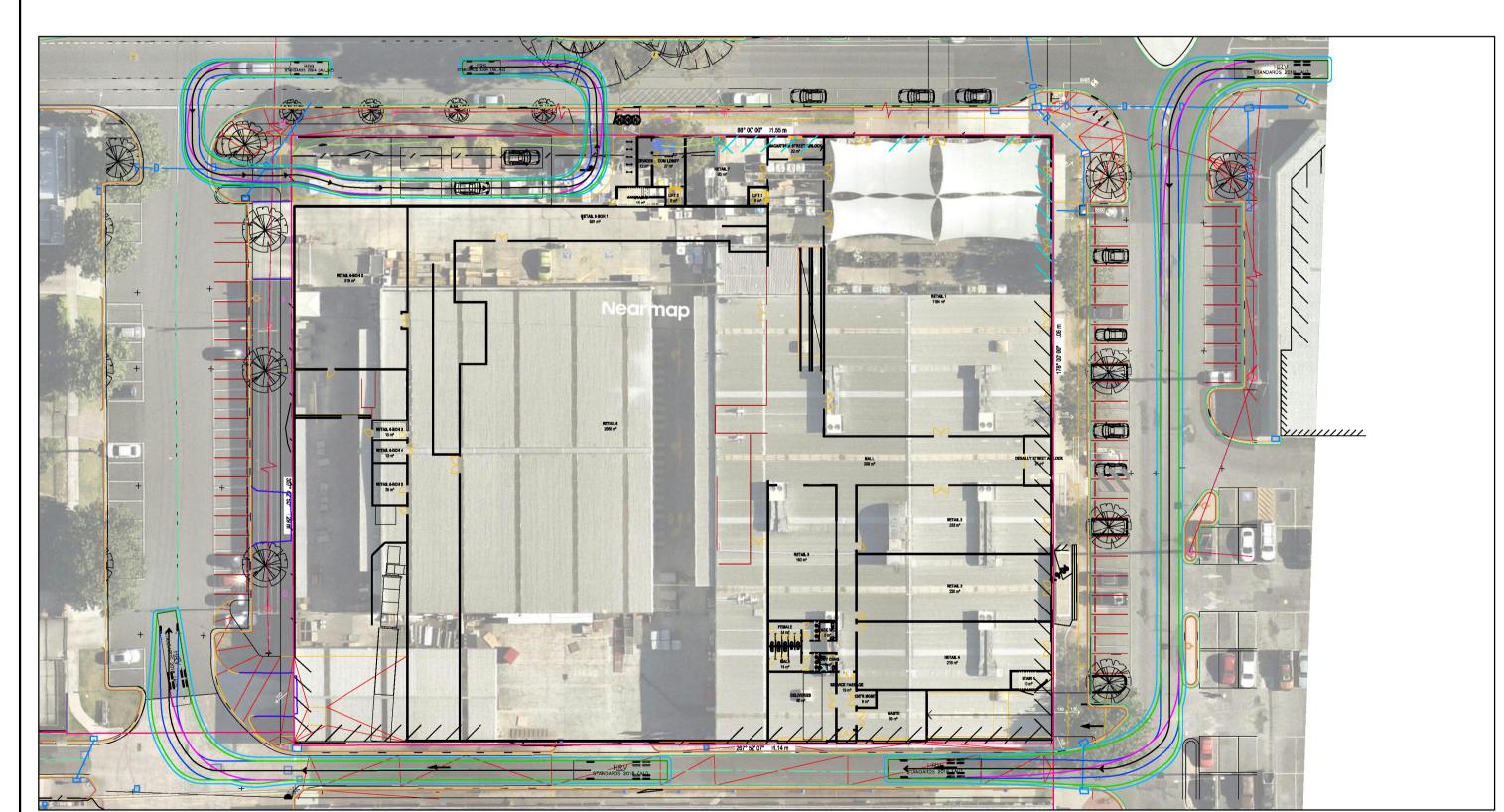
Drawing No



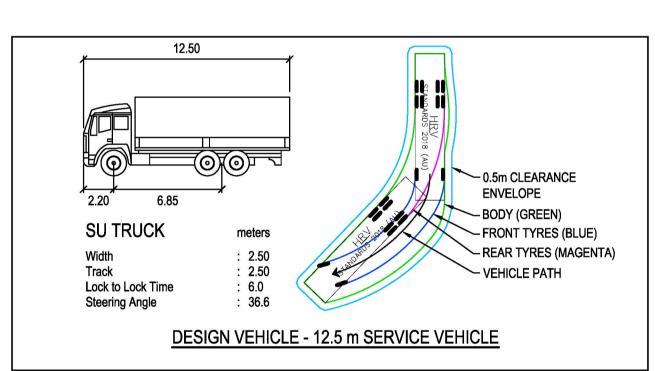
Supermarket loading bay - MRV - Compactor collection - Ingress Retail loading bay - MRV - Ingress

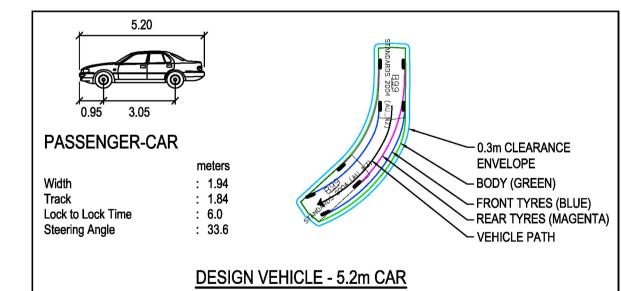


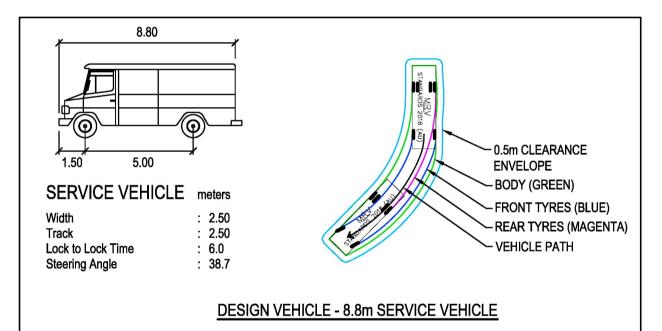
Supermarket loading bay - MRV - Compactor collection - Egress Retail loading bay - MRV - Egress



HRV - Circulating Movements B99 - Online collection point movements







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SCALE 1:500 AT A1 SIZE



Project Details 38-50 MacArthur Street, Sale Mixed Use Development

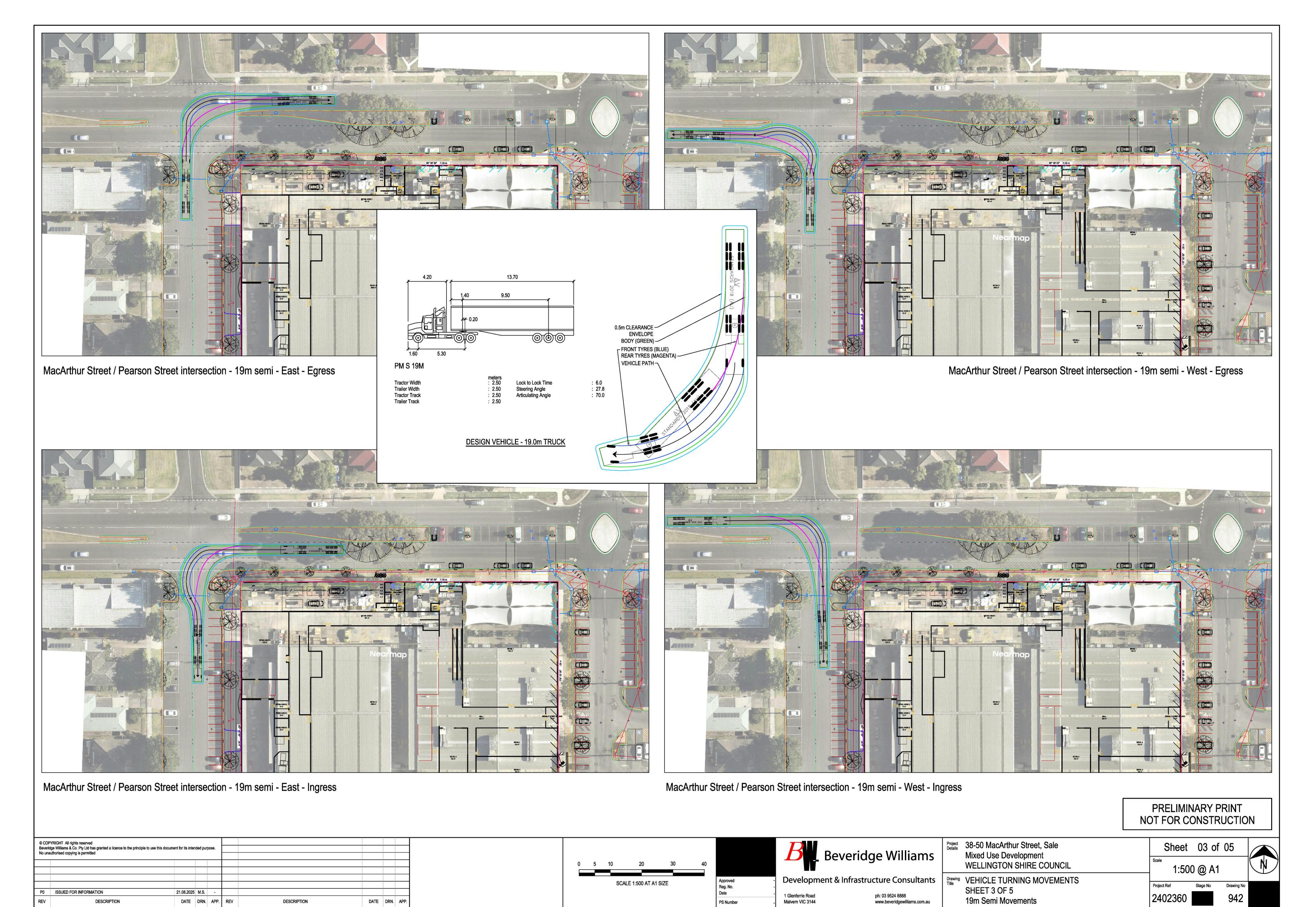
ph: 03 9524 8888

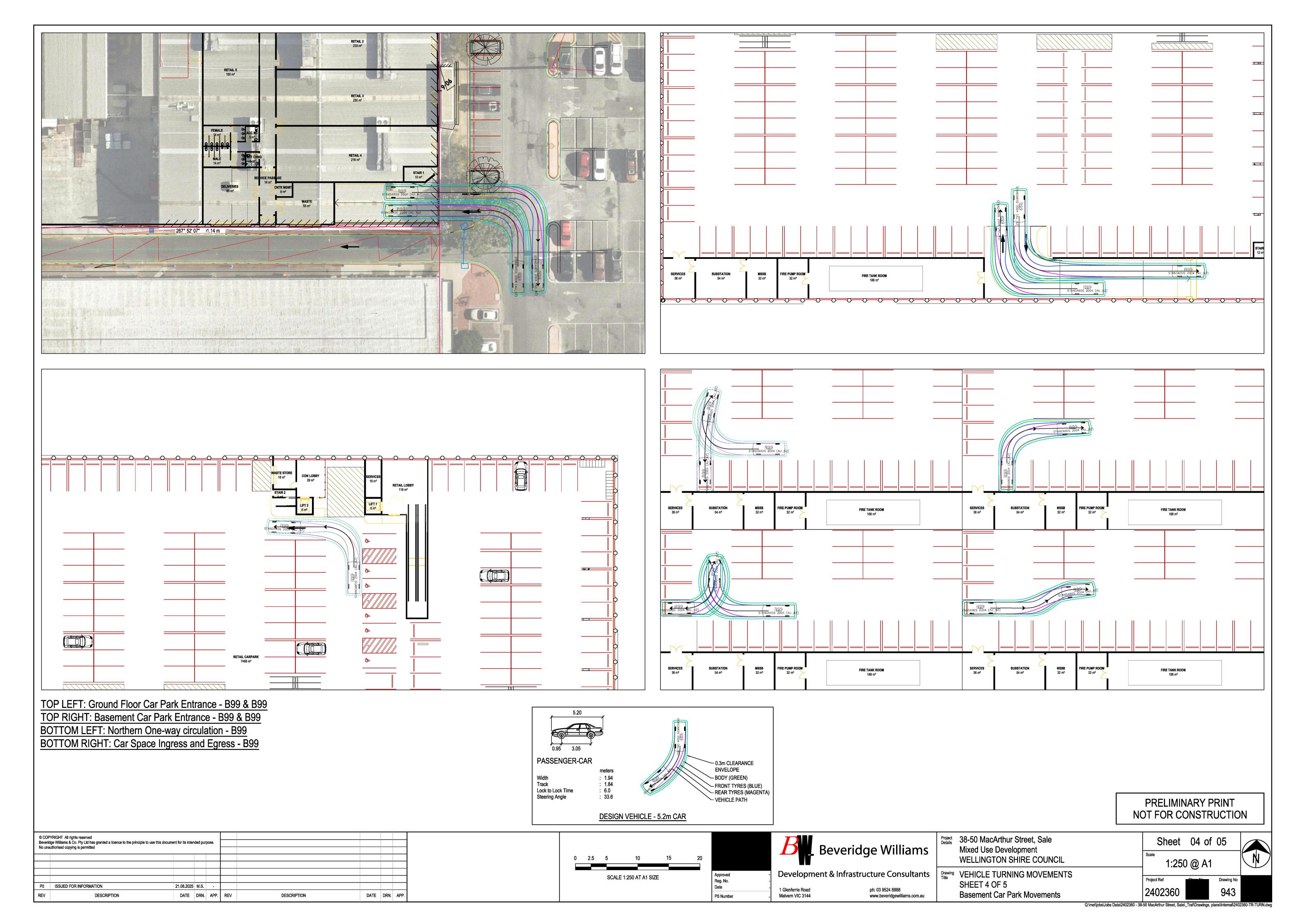
www.beveridgewilliams.com.au

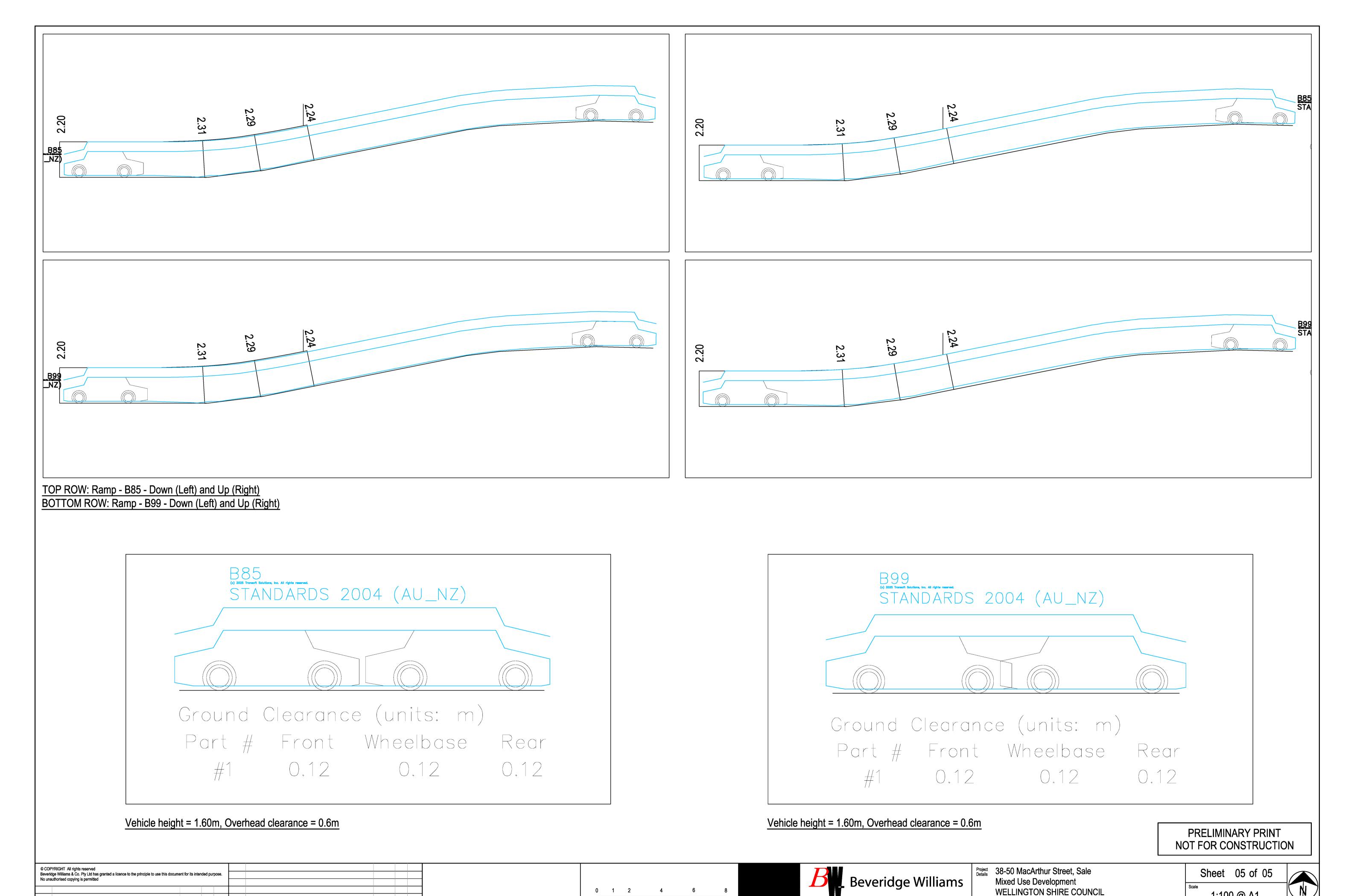
WELLINGTON SHIRE COUNCIL SHEET 2 OF 5

Drawing VEHICLE TURNING MOVEMENTS Supermarket & Retail Loading Bay Movements Sheet 02 of 05 1:500 @ A1

Stage No Drawing No







SCALE 1:100 AT A1 SIZE

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DATE DRN. APP. REV

1:100 @ A1

Mixed Use Development

Ramp Clearance Checks

SHEET 5 OF 5

Development & Infrastructure Consultants | Drawing | VEHICLE TURNING MOVEMENTS

ph: 03 9524 8888

www.beveridgewilliams.com.au

1 Glenferrie Road

Malvern VIC 3144

WELLINGTON SHIRE COUNCIL

APPENDIX C: TRAFFIC AND PARKING SURVEYS



Intersection of New Railway Rd and Desailly St, Sale

-38.106191.147.063951

| GF3 | -30.100191, 147.00393 |
|-----------|-----------------------|
| Date: | Thu 07/08/25 |
| Weather: | Overcast |
| Suburban: | Sale |
| Customer | BW |

| North: | Desailly St |
|--------|----------------|
| East: | N/A |
| South: | Desailly St |
| West: | New Railway Rd |

| Survey | AM: | 8:00 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-6:00 PM |
| Traffic | AM: | 11:00 AM-12:00 PM |
| Peak | PM: | 3:45 PM-4:45 PM |

All Vehicles

| | me | | proach D | | | | esailly St | | | Railway I | | / Total |
|--------------|------------|---|----------|----|---|----|------------|---|---|-----------|------|---------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | Hour | Peak |
| 8:00 | 8:15 | 0 | 2 | 9 | 0 | 7 | 0 | 0 | 0 | 0 | 102 | |
| 8:15 | 8:30 | 0 | 1 | 15 | 0 | 10 | 2 | 0 | 0 | 0 | 120 | |
| 8:30 | 8:45 | 0 | 0 | 13 | 0 | 15 | 0 | 0 | 0 | 0 | 125 | |
| 8:45 | 9:00 | 0 | 2 | 16 | 0 | 10 | 0 | 0 | 0 | 0 | 127 | |
| 9:00 | 9:15 | 0 | 2 | 16 | 0 | 18 | 0 | 0 | 0 | 0 | 143 | |
| 9:15 | 9:30 | 0 | 0 | 17 | 0 | 14 | 2 | 0 | 0 | 0 | 150 | |
| 9:30 | 9:45 | 0 | 0 | 11 | 0 | 19 | 0 | 0 | 0 | 0 | 169 | |
| 9:45 | 10:00 | 0 | 2 | 20 | 0 | 22 | 0 | 0 | 0 | 0 | 193 | |
| 10:00 | 10:15 | 0 | 1 | 14 | 0 | 25 | 3 | 0 | 0 | 0 | 199 | |
| 10:15 | 10:30 | 0 | 2 | 25 | 0 | 19 | 6 | 0 | 0 | 0 | 211 | |
| 10:30 | 10:45 | 0 | 3 | 17 | 0 | 32 | 2 | 0 | 0 | 0 | 214 | |
| 10:45 | 11:00 | 0 | 3 | 18 | 0 | 23 | 6 | 0 | 0 | 0 | 214 | |
| 11:00 | 11:15 | 0 | 2 | 27 | 0 | 19 | 7 | 0 | 0 | 0 | 216 | Peak |
| 11:15 | 11:30 | 0 | 2 | 15 | 0 | 34 | 4 | 0 | 0 | 0 | | |
| 11:30 | 11:45 | 0 | 3 | 27 | 0 | 22 | 2 | 0 | 0 | 0 | | |
| 11:45 | 12:00 | 0 | 4 | 20 | 0 | 26 | 2 | 0 | 0 | 0 | | |
| 12:00 | 12:15 | 0 | 4 | 18 | 0 | 20 | 0 | 0 | 0 | 0 | 212 | |
| 12:15 | 12:30 | 0 | 2 | 19 | 0 | 32 | 4 | 0 | 0 | 0 | 226 | |
| 12:30 | 12:45 | 0 | 2 | 18 | 0 | 29 | 7 | 0 | 0 | 0 | 225 | |
| 12:45 | 13:00 | 0 | 1 | 23 | 0 | 30 | 3 | 0 | 0 | 0 | 224 | |
| 13:00 | 13:15 | 0 | 1 | 24 | 0 | 25 | 6 | 0 | 0 | 0 | 214 | |
| 13:15 | 13:30 | 0 | 0 | 25 | 0 | 27 | 4 | 0 | 0 | 0 | 197 | |
| 13:30 | 13:45 | 0 | 5 | 20 | 0 | 26 | 4 | 0 | 0 | 0 | 196 | |
| 13:45 | 14:00 | 0 | 3 | 12 | 0 | 28 | 4 | 0 | 0 | 0 | 203 | |
| 14:00 | 14:15 | 0 | 2 | 12 | 0 | 21 | 4 | 0 | 0 | 0 | 200 | |
| 14:15 | 14:30 | 0 | 2 | 22 | 0 | 27 | 4 | 0 | 0 | 0 | 208 | |
| 14:30 | 14:45 | 0 | 2 | 25 | 0 | 32 | 3 | 0 | 0 | 0 | 201 | |
| 14:45 | 15:00 | 0 | 0 | 22 | 0 | 20 | 2 | 0 | 0 | 0 | 201 | |
| 15:00 | 15:15 | 0 | 1 | 13 | 0 | 31 | 2 | 0 | 0 | 0 | 224 | |
| 15:15 | 15:30 | 0 | 2 | 21 | 0 | 20 | 5 | 0 | 0 | 0 | 230 | |
| 15:30 | 15:45 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 | 231 | |
| 15:45 | 16:00 | 0 | 1 | 27 | 0 | 35 | 3 | 0 | 0 | 1 | 234 | Peak |
| 16:00 | 16:15 | 0 | 1 | 21 | 0 | 30 | 1 | 0 | 0 | 0 | 214 | |
| 16:15 | 16:30 | 0 | 2 | 16 | 0 | 31 | 0 | 0 | 0 | 0 | 220 | |

| Ti | me | North Approa | ch Desailly St | South Approa | ch Desailly St | West Approach N | lew Railway Rd | Hourly Total |
|--------------|------------|--------------|----------------|--------------|----------------|-----------------|----------------|--------------|
| Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | Houriy Total |
| 8:00 | 8:15 | 1 | 4 | 2 | 0 | 0 | 0 | 51 |
| 8:15 | 8:30 | 2 | 3 | 0 | 0 | 3 | 1 | 64 |
| 8:30 | 8:45 | 4 | 2 | 0 | 0 | 6 | 1 | 92 |
| 8:45 | 9:00 | 6 | 9 | 2 | 0 | 4 | 1 | 104 |
| 9:00 | 9:15 | 6 | 4 | 3 | 2 | 1 | 4 | 118 |
| 9:15 | 9:30 | 6 | 15 | 5 | 3 | 7 | 1 | 154 |
| 9:30 | 9:45 | 11 | 8 | 2 | 0 | 0 | 4 | 171 |
| 9:45 | 10:00 | 6 | 10 | 6 | 7 | 5 | 2 | 212 |
| 10:00 | 10:15 | 12 | 16 | 5 | 6 | 6 | 11 | 227 |
| 10:15 | 10:30 | 13 | 10 | 6 | 1 | 7 | 17 | 233 |
| 10:30 | 10:45 | 26 | 16 | 0 | 4 | 13 | 7 | 238 |
| 10:45 | 11:00 | 12 | 21 | 0 | 0 | 10 | 8 | 233 |
| 11:00 | 11:15 | 16 | 18 | 8 | 4 | 7 | 9 | 227 |
| 11:15 | 11:30 | 11 | 14 | 3 | 3 | 15 | 13 | |
| 11:30 | 11:45 | 23 | 11 | 2 | 3 | 11 | 11 | |
| 11:45 | 12:00 | 10 | 16 | 2 | 1 | 7 | 9 | |
| 12:00 | 12:15 | 11 | 7 | 4 | 0 | 13 | 14 | 209 |
| 12:15 | 12:30 | 13 | 16 | 5 | 3 | 16 | 2 | 202 |
| 12:30 | 12:45 | 12 | 14 | 5 | 6 | 4 | 17 | 194 |
| 12:45 | 13:00 | 6 | 15 | 8 | 4 | 12 | 2 | 186 |
| 13:00 | 13:15 | 11 | 5 | 5 | 4 | 10 | 7 | 193 |
| 13:15 | 13:30 | 12 | 15 | 2 | 2 | 10 | 6 | 190 |
| 13:30 | 13:45 | 18 | 12 | 6 | 1 | 4 | 9 | 176 |
| 13:45 | 14:00 | 13 | 18 | 4 | 3 | 8 | 8 | 180 |
| 14:00 | 14:15 | 13 | 7 | 1 | 3 | 6 | 9 | 177 |
| 14:15 | 14:30 | 10 | 7 | 6 | 2 | 1 | 7 | 163 |
| 14:30 | 14:45 | 13 | 13 | 7 | 1 | 7 | 13 | 174 |
| 14:45 | 15:00 | 12 | 13 | 5 | 2 | 7 | 12 | 162 |
| 15:00 | 15:15 | 7 | 10 | 3 | 2 | 2 | 1 | 172 |
| 15:15 | 15:30 | 13 | 9 | 0 | 8 | 3 | 11 | 205 |
| 15:30 | 15:45 | 12 | 12 | 6 | 2 | 7 | 3 | 202 |
| 15:45 | 16:00 | 19 | 14 | 6 | 1 | 9 | 12 | 184 |
| 16:00 | 16:15 | 10 | 23 | 10 | 3 | 7 | 5 | 169 |
| 16:15 | 16:30 | 12 | 9 | 7 | 1 | 3 | 9 | 153 |

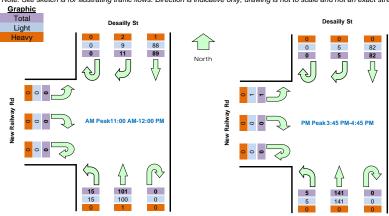
| 16:30 | 16:45 | 0 | 1 | 18 | 0 | 45 | 1 | 0 | 0 | 0 | 224 | |
|-------|-------|---|---|----|---|----|---|---|---|---|-----|--|
| 16:45 | 17:00 | 0 | 0 | 20 | 0 | 25 | 2 | 0 | 0 | 0 | 213 | |
| 17:00 | 17:15 | 0 | 0 | 30 | 0 | 26 | 3 | 0 | 0 | 0 | 219 | |
| 17:15 | 17:30 | 0 | 0 | 21 | 0 | 29 | 3 | 0 | 0 | 0 | | |
| 17:30 | 17:45 | 0 | 1 | 18 | 0 | 34 | 1 | 0 | 0 | 0 | | |
| 17:45 | 18:00 | 0 | 2 | 16 | 0 | 32 | 3 | 0 | 0 | 0 | | |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 11 | 89 | 0 | 101 | 15 | 0 | 0 | 0 | 216 |
| 15:45 | 16:45 | 0 | 5 | 82 | 0 | 141 | 5 | 0 | 0 | 1 | 234 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.

North

Desailly St



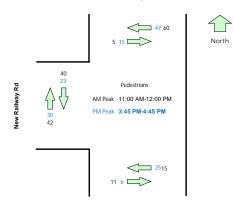
Desailly St

| Light Vehic | les | | | | | | | | , | |
|--------------|------------|---|---|----|---|----|------------|---|---|---------|
| | ne | | | | | | esailly St | | | Railway |
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 8:00 | 8:15 | 0 | 1 | 9 | 0 | 7 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 0 | 15 | 0 | 10 | 2 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 13 | 0 | 15 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 1 | 16 | 0 | 10 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 1 | 15 | 0 | 17 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 17 | 0 | 14 | 2 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 11 | 0 | 18 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 1 | 20 | 0 | 22 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 1 | 14 | 0 | 25 | 3 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 1 | 25 | 0 | 19 | 6 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 2 | 17 | 0 | 31 | 2 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 2 | 18 | 0 | 23 | 6 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 1 | 27 | 0 | 18 | 7 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 14 | 0 | 34 | 4 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 3 | 27 | 0 | 22 | 2 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 4 | 20 | 0 | 26 | 2 | 0 | 0 | 0 |

| 16:30 | 16:45 | 6 | 7 | 2 | 1 | 4 | 4 | 148 |
|-------|-------|----|----|---|----|----|---|-----|
| 16:45 | 17:00 | 13 | 10 | 1 | 4 | 11 | 7 | 152 |
| 17:00 | 17:15 | 10 | 13 | 5 | 2 | 3 | 9 | 125 |
| 17:15 | 17:30 | 7 | 7 | 5 | 10 | 4 | 3 | |
| 17:30 | 17:45 | 7 | 6 | 3 | 0 | 6 | 6 | |
| 17:45 | 18:00 | 3 | 6 | 4 | 0 | 4 | 2 | |

| Peak | Peak Time North Approach Desailly St | | South Approa | ch Desailly St | West Approach N | Peak total | | |
|--------------|--------------------------------------|-----------|--------------|----------------|-----------------|-----------------------|----|------------|
| Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound Northbound | | reak total |
| 11:00 | 12:00 | 60 | 59 | 15 | 11 | 40 | 42 | 227 |
| 15:45 | 16:45 | 47 | 53 | 25 | 6 | 23 | 30 | 184 |

Desailly St



Desailly St

| 12:00 | 12:15 | 0 | 3 | 18 | 0 | 20 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|----|---|----|---|---|---|---|
| 12:15 | 12:30 | 0 | 2 | 19 | 0 | 32 | 4 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 2 | 18 | 0 | 29 | 7 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 1 | 23 | 0 | 30 | 3 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 1 | 24 | 0 | 25 | 6 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 25 | 0 | 27 | 4 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 4 | 20 | 0 | 26 | 4 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 3 | 12 | 0 | 28 | 4 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 2 | 12 | 0 | 21 | 4 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 2 | 22 | 0 | 27 | 4 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 1 | 25 | 0 | 32 | 3 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 22 | 0 | 20 | 2 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 1 | 13 | 0 | 31 | 2 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 2 | 21 | 0 | 20 | 5 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 1 | 27 | 0 | 35 | 3 | 0 | 0 | 1 |
| 16:00 | 16:15 | 0 | 1 | 21 | 0 | 30 | 1 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 2 | 16 | 0 | 31 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 1 | 18 | 0 | 45 | 1 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 20 | 0 | 25 | 2 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 30 | 0 | 26 | 3 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 20 | 0 | 29 | 3 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 1 | 18 | 0 | 34 | 1 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 2 | 16 | 0 | 32 | 3 | 0 | 0 | 0 |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 9 | 88 | 0 | 100 | 15 | 0 | 0 | 0 | 212 |
| 15:45 | 16:45 | 0 | 5 | 82 | 0 | 141 | 5 | 0 | 0 | 1 | 234 |

Heavy Vehicles

| Tir | ne | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 8:00 | 8:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | J | NB | ٦ | J | R | L | total |
| 11:00 | 12:00 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| 15:45 | 16:45 | 0 | 0 | Ω | 0 | 0 | 0 | 0 | Λ | 0 | 0 |

| Tit | me | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|
| Period Start | Period End | U | R | SB | U | NB | Ĺ | U | R | Ĺ |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Desailly St, Sale

-38.105276, 147.063942 GPS Date: Thu 07/08/25
Weather: Overcast
Suburban: Sale
Customer: BW

| North: | Desailly St |
|--------|--------------|
| East: | MacArthur St |
| South: | Desailly St |
| West: | MacArthur St |

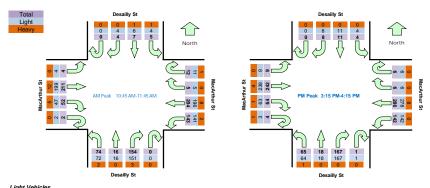
| Survey | AM: | 8:00 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-6:00 PM |
| Traffic | AM: | 10:45 AM-11:45 AM |
| Peak | PM: | 3:15 PM-4:15 PM |

| ouotomor. | 1 | | J | 77001. | | | | 1 | | | | | J | | | | | | |
|--------------|--------------------|-----------|--------|-----------|---|-----------|-----|-----------------|--------|-----|--------|------------|------|------|---------|----------------|--------|-------------|------|
| All Vehicles | | | | | | | | | | | | | | | | | | | |
| | me | Nort U | | ch Desail | | East U | | h MacArth WB | nur St | So: | | ch Desaill | y St | West | Approac | h MacArt EB | | Hourly | |
| 8:00 | Period End 8:15 | 0 | 2 2 | 1 | 3 | 1 | 1 1 | 22 | 10 | 0 | R 8 | 1 | 5 | 0 | 10 | 40 | 1 1 | Hour 626 | Peak |
| 8:15 | 8:30 | 0 | 6 | 0 | 2 | 0 | 8 | 35 | 23 | 0 | 20 | 2 | 2 | 0 | 9 | 61 | 2 | 693 | |
| 8:30 | 8:45 | 0 | 5 | 1 | 4 | 1 | 2 | 47 | 20 | 0 | 17 | 0 | 5 | 0 | 8 | 54 | 4 | 691 | |
| 8:45 | 9:00 | 0 | 2 | 0 | 3 | 0 | 1 | 50 | 28 | 0 | 10 | 2 | 7 | 0 | 10 | 69 | 1 | 689 | |
| 9:00 | 9:15 | 0 | 1 | 0 | 4 | 1 | 1 | 43 | 27 | 0 | 18 | 0 | 10 | 0 | 13 | 54 | 0 | 718 | |
| 9:15 | 9:30 | 0 | 1 | 1 | 3 | 3 | 1 | 50 | 24 | 0 | 23 | 3 | 11 | 0 | 9 | 39 | 0 | 749 | |
| 9:30 | 9:45 | 0 | 2 | 0 | 4 | 1 | 1 | 39 | 28 | 0 | 23 | 4 | 5 | 1 | 7 | 46 | 5 | 761 | |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 1 | 1 | 57 | 41 | 0 | 38 | 3 | 12 | 1 | 12 | 45 | 1 | 811 | |
| 10:00 | 10:15 | 0 | 3 | 3 | 3 | 0 | 1 | 41 | 26 | 0 | 39 | 2 | 11 | 0 | 14 | 57 | 3 | 802 | |
| 10:15 | 10:30 | 0 | 2 | 2 | 1 | 0 | 0 | 47 | 33 | 0 | 30 | 3 | 11 | 0 | 17 | 34 | 0 | 812 | |
| 10:30 | 10:45 | 0 | 2 | 2 | 2 | 0 | 1 | 69 | 27 | 0 | 46 | 3 | 8 | 0 | 15 | 40 | 1 | 866 | |
| 10:45 | 11:00 | 0 | 2 | 2 | 2 | 3 | 0 | 41 | 29 | 0 | 37 | 2 | 14 | 1 | 14 | 53 | 3 | 893 | Peak |
| 11:00 | 11:15 | 0 | 1 | 3 | 1 | 3 | 2 | 48 | 41 | 0 | 32 | 5 | 17 | 1 | 10 | 48 | 1 | 887 | |
| 11:15 | 11:30 | 0 | 0 | 2 | 1 | 4 | 1 | 56 | 31 | 0 | 49 | 6 | 20 | 0 | 16 | 48 | 0 | | |
| 11:30 | 11:45 | 0 | 1 | 0 | 1 | 2 | 2 | 59 | 42 | 0 | 36 | 3 | 23 | 0 | 12 | 62 | 0 | | |
| 11:45 | 12:00 | 0 | 1 | 1 | 0 | 2 | 2 | 54 | 30 | 0 | 33 | 2 | 12 | 0 | 8 | 52 | 0 | | |
| 12:00 | 12:15 | 0 | 1 | 0 | 1 | 2 | 3 | 59 | 36 | 0 | 29 | 4 | 19 | 1 | 20 | 59 | 5 | 966 | |
| 12:15 | 12:30 | 0 | 0 | 0 | 1 | 3 | 3 | 47 | 31 | 0 | 41 | 7 | 20 | 1 | 13 | 50 | 1 | 946 | |
| 12:30 | 12:45 | 0 | 5 | 2 | 2 | 3 | 1 | 56 | 37 | 0 | 52 | 3 | 13 | 1 | 12 | 65 | 3 | 952 | |
| 12:45 | 13:00 | 0 | 1 | 4 | 2 | 1 | 0 | 70 | 37 | 0 | 58 | 4 | 12 | 0 | 8 | 55 | 2 | 911 | |
| 13:00 | 13:15 | 0 | 1 | 1 | 2 | 3 | 4 | 46 | 39 | 0 | 35 | 5 | 15 | 1 | 14 | 51 | 2 | 866 | |
| 13:15 | 13:30 | 0 | 3 | 1 | 3 | 0 | 1 | 54 | 35 | 0 | 45 | 2 | 15 | 0 | 9 | 56 | 0 | 834 | |
| 13:30 | 13:45 | 0 | 5 | 1 | 0 | 2 | 3 | 44 | 30 | 0 | 50 | 2 | 13 | 1 | 10 | 52 | 1 | 824 | |
| 13:45 | 14:00 | 0 | 1 | 2 | 1 | 1 | 4 | 58 | 26 | 0 | 31 | 8 | 19 | 0 | 17 | 39 | 2 | 858 | |
| 14:00 | 14:15 | 0 | 2 | 1 | 2 | 0 | 0 | 46 | 24 | 0 | 37 | 8 | 11 | 0 | 10 | 44 | 2 | 858 | |
| 14:15 | 14:30 | 0 | 2 | 2 | 1 | 2 | 1 | 60 | 36 | 0 | 30 | 2 | 14 | 0 | 17 | 45 | 2 | 898 | |
| 14:30 | 14:45 | 0 | 1 | 3 | 3 | 1 | 3 | 57 | 42 | 0 | 58 | 4 | 16 | 1 | 9 | 47 | 3 | 919 | |
| 14:45 | 15:00 | 0 | 3 | 1 | 4 | 1 | 1 | 45 | 32 | 0 | 44 | 3 | 17 | 0 | 12 | 43 | 3 | 954 | |
| 15:00 | 15:15 | 0 | 3 | 1 | 2 | 1 | 2 | 76 | 31 | 0 | 38 | 6 | 13 | 0 | 6 | 47 | 1 | 1026 | |
| 15:15 | 15:30 | 0 | 1 | 3 | 0 | 0 | 0 | 61 | 28 | 0 | 38 | 1 | 16 | 0 | 20 | 66 | 1 | 1033 | Peak |
| 15:30 | 15:45 | 0 | 5 | 4 | 1 | 4 | 4 | 75 | 42 | 0 | 41 | 5 | 12 | 2 | 16 | 67 | 5 | 1008 | |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 1 | 2 | 76 | 44 | 1 | 48 | 5 | 22 | 2 | 18 | 60 | 1 | 939 | |
| 16:00 | 16:15 | 0 | 2 | 4 | 2 | 1 | 0 | 74 | 28 | 0 | 40 | 7 | 15 | 0 | 10 | 49 | 2 | 877 | |
| 16:15 | 16:30 | 0 | 0 | 2 | 3 | 1 | 1 | 45 | 27 | 0 | 48 | 6 | 12 | 0 | 11 | 50 | 4 | 874 | |
| 16:30 | 16:45 | 0 | 1 | 1 | 2 | 0 | 2 | 56 | 28 | 0 | 48 | 4 | 11 | 0 | 11 | 48 | 2 | 890 | |
| 16:45 | 17:00 | 0 | 4 | 0 | 0 | 2 | 1 | 60 | 29 | 0 | 39 | 3 | 7 | 0 | 12 | 60 | 2 | 863 | |
| 17:00 | 17:15 | 0 | 4 | 2 | 3 | 0 | 1 | 61 | 39 | 0 | 47 | 7 | 8 | 2 | 12 | 45 | 0 | 802 | |
| 17:15 | 17:30 | 0 | 3 | 1 | 4 | 4 | 4 | 59 | 18 | 0 | 43 | 4 | 14 | 0 | 17 | 53 | 2 | | |
| 17:30 | 17:45 | 0 | 3 | 2 | 4 | 0 | 1 | 54 | 23 | 0 | 39 | 10 | 9 | 0 | 9 | 33 | 0 | | |
| 17:45 | 18:00 | 0 | 3 | 0 | 3 | 1 | 1 | 28 | 22 | 0 | 31 | 7 | 18 | 0 | 5 | 38 | 1 | | |

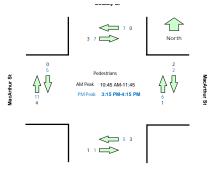
| Peak | Time | Nort | h Approa | ch Desail | ly St | East | Approac | n MacArth | ur St | Soi | uth Approa | ch Desailly | y St | West | Approac | h MacArtl | MacArthur St F | | | | | |
|--------------|------------|------|----------|-----------|-------|------|---------|-----------|-------|-----|------------|-------------|------|------|---------|-----------|----------------|-------|--|--|--|--|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total | | | | |
| 10:45 | 11:45 | 0 | 4 | 7 | 5 | 12 | 5 | 204 | 143 | 0 | 154 | 16 | 74 | 2 | 52 | 211 | 4 | 893 | | | | |
| 15:15 | 16:15 | 0 | 8 | 11 | 4 | 6 | 6 | 286 | 142 | 1 | 167 | 18 | 65 | 4 | 64 | 242 | 9 | 1033 | | | | |

| | me | North Approa | ch Desailly St | East Approach | n MacArthur St | South Approa | ch Desailly St | West Approac | h MacArthur St | |
|-------|-------|--------------|----------------|---------------|----------------|--------------|----------------|--------------|----------------|-------------|
| | | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | lourly Tota |
| 8:00 | 8:15 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 39 |
| 8:15 | 8:30 | 0 | 1 | 7 | 0 | 1 | 4 | 0 | 0 | 41 |
| 8:30 | 8:45 | 3 | 3 | 1 | 0 | 1 | 1 | 3 | 0 | 31 |
| 8:45 | 9:00 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 0 | 21 |
| 9:00 | 9:15 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 23 |
| 9:15 | 9:30 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 21 |
| 9:30 | 9:45 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 22 |
| 9:45 | 10:00 | 1 | 0 | 8 | 0 | 1 | 1 | 1 | 0 | 35 |
| 10:00 | 10:15 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 24 |
| 10:15 | 10:30 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 23 |
| 10:30 | 10:45 | 2 | 4 | 1 | 0 | 0 | 2 | 1 | 5 | 25 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 14 |
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 17 |
| 11:15 | 11:30 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | |
| 11:30 | 11:45 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | |
| 12:00 | 12:15 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 2 | 36 |
| 12:15 | 12:30 | 2 | 0 | 1 | 1 | 2 | 1 | 2 | 0 | 32 |
| 12:30 | 12:45 | 3 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 26 |
| 12:45 | 13:00 | 1 | 0 | 1 | 3 | 2 | 1 | 3 | 0 | 22 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 21 |
| 13:15 | 13:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 21 |
| 13:30 | 13:45 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 26 |
| 13:45 | 14:00 | 0 | 1 | 2 | 3 | 1 | 2 | 0 | 1 | 27 |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 21 |
| 14:15 | 14:30 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 2 | 23 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 24 |
| 14:45 | 15:00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 30 |
| 15:00 | 15:15 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | 0 | 39 |
| 15:15 | 15:30 | 1 | 2 | 0 | 0 | 2 | 0 | 1 | 3 | 44 |
| 15:30 | 15:45 | 0 | 0 | 1 | 3 | 2 | 0 | 3 | 2 | 38 |
| 15:45 | 16:00 | 3 | 3 | 0 | 3 | 0 | 0 | 1 | 3 | 30 |
| 16:00 | 16:15 | 3 | 2 | 1 | 0 | 1 | 1 | 0 | 3 | 20 |
| 16:15 | 16:30 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 20 |
| 16:30 | 16:45 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 26 |
| 16:45 | 17:00 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 25 |
| 17:00 | 17:15 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | 1 | 26 |
| 17:15 | 17:30 | 2 | 1 | 4 | 1 | 0 | 1 | 0 | 0 | |
| 17:30 | 17:45 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 17:45 | 18:00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | |

| | Peak | Time | North Approa | ch Desailly St | East Approach | MacArthur St | South Approa | ch Desailly St | West Approac | h MacArthur St | Peak |
|---|-------------|------------|--------------|----------------|---------------|--------------|--------------|----------------|--------------|----------------|------------|
| - | Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| | 10:45 | 11:45 | 0 | 3 | 2 | 1 | 3 | 1 | 0 | 4 | 14 |
| | 15:15 | 16:15 | 7 | 7 | 2 | 6 | 5 | 1 | 5 | 11 | 44 |



| Light Vehic Ti | me | Nor | th Approa | ach Desail | lly St | East | Approac | h MacArth | ur St | Soi | uth Approa | ch Desaill | y St | West | Approac | h MacArtl | nur St |
|-------------------|------------|-----|-----------|------------|--------|------|---------|-----------|-------|-----|------------|------------|------|------|---------|-----------|--------|
| | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 2 | 1 | 3 | 1 | 1 | 20 | 10 | 0 | 8 | 1 | 5 | 0 | 9 | 38 | 1 |
| 8:15 | 8:30 | 0 | 6 | 0 | 2 | 0 | 8 | 33 | 22 | 0 | 20 | 2 | 2 | 0 | 9 | 59 | 2 |
| 8:30 | 8:45 | 0 | 4 | 1 | 4 | 1 | 2 | 44 | 20 | 0 | 17 | 0 | 5 | 0 | 8 | 51 | 4 |
| 8:45 | 9:00 | 0 | 2 | 0 | 3 | 0 | 1 | 47 | 28 | 0 | 10 | 2 | 7 | 0 | 8 | 68 | 1 |
| 9:00 | 9:15 | 0 | 1 | 0 | 4 | 1 | 1 | 42 | 24 | 0 | 17 | 0 | 9 | 0 | 13 | 52 | 0 |
| 9:15 | 9:30 | 0 | 1 | 1 | 3 | 3 | 1 | 47 | 24 | 0 | 23 | 3 | 9 | 0 | 9 | 37 | 0 |
| 9:30 | 9:45 | 0 | 2 | 0 | 4 | 1 | 1 | 38 | 28 | 0 | 22 | 4 | 5 | 1 | 7 | 44 | 5 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 1 | 1 | 54 | 41 | 0 | 38 | 3 | 11 | 1 | 11 | 43 | 1 |
| 10:00 | 10:15 | 0 | 3 | 3 | 3 | 0 | 1 | 40 | 25 | 0 | 38 | 2 | 10 | 0 | 13 | 55 | 3 |
| 10:15 | 10:30 | 0 | 2 | 2 | 1 | 0 | 0 | 46 | 33 | 0 | 30 | 3 | 11 | 0 | 16 | 33 | 0 |
| 10:30 | 10:45 | 0 | 2 | 2 | 2 | 0 | 1 | 68 | 26 | 0 | 46 | 3 | 7 | 0 | 15 | 36 | 0 |
| 10:45 | 11:00 | 0 | 2 | 1 | 1 | 3 | 0 | 38 | 29 | 0 | 37 | 2 | 14 | 1 | 12 | 49 | 3 |
| 11:00 | 11:15 | 0 | 1 | 3 | 1 | 3 | 2 | 47 | 40 | 0 | 30 | 5 | 16 | 1 | 9 | 42 | 1 |
| 11:15 | 11:30 | 0 | 0 | 2 | 1 | 3 | 1 | 53 | 30 | 0 | 49 | 6 | 20 | 0 | 14 | 47 | 0 |
| 11:30 | 11:45 | 0 | 1 | 0 | 1 | 2 | 2 | 58 | 42 | 0 | 35 | 3 | 22 | 0 | 12 | 61 | 0 |
| 11:45 | 12:00 | 0 | 1 | 1 | 0 | 2 | 2 | 52 | 30 | 0 | 33 | 2 | 12 | 0 | 8 | 52 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 1 | 2 | 3 | 58 | 36 | 0 | 29 | 4 | 19 | 1 | 19 | 59 | 5 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 2 | 3 | 46 | 31 | 0 | 41 | 7 | 20 | 1 | 12 | 46 | 1 |
| 12:30 | 12:45 | 0 | 4 | 2 | 2 | 3 | 1 | 55 | 37 | 0 | 51 | 3 | 13 | 1 | 12 | 63 | 3 |
| 12:45 | 13:00 | 0 | 1 | 4 | 2 | 1 | 0 | 69 | 37 | 0 | 58 | 4 | 12 | 0 | 7 | 53 | 2 |
| 13:00 | 13:15 | 0 | 1 | 1 | 2 | 3 | 4 | 42 | 39 | 0 | 34 | 4 | 15 | 1 | 13 | 48 | 2 |
| 13:15 | 13:30 | 0 | 3 | 1 | 3 | 0 | 1 | 53 | 35 | 0 | 45 | 2 | 15 | 0 | 9 | 55 | 0 |
| 13:30 | 13:45 | 0 | 5 | 1 | 0 | 2 | 3 | 44 | 30 | 0 | 50 | 2 | 13 | 1 | 9 | 52 | 1 |
| 13:45 | 14:00 | 0 | 1 | 2 | 1 | 1 | 4 | 57 | 25 | 0 | 31 | 8 | 19 | 0 | 17 | 39 | 2 |
| 14:00 | 14:15 | 0 | 2 | 1 | 2 | 0 | 0 | 44 | 24 | 0 | 37 | 8 | 11 | 0 | 10 | 44 | 2 |
| 14:15 | 14:30 | 0 | 2 | 2 | 1 | 2 | 1 | 56 | 36 | 0 | 30 | 2 | 13 | 0 | 17 | 44 | 2 |
| 14:30 | 14:45 | 0 | 1 | 3 | 3 | 1 | 3 | 56 | 41 | 0 | 58 | 4 | 16 | 1 | 8 | 44 | 3 |
| 14:45 | 15:00 | 0 | 3 | 1 | 4 | 1 | 1 | 43 | 32 | 0 | 43 | 3 | 17 | 0 | 12 | 42 | 3 |
| 15:00 | 15:15 | 0 | 3 | 1 | 2 | 1 | 2 | 76 | 31 | 0 | 38 | 6 | 13 | 0 | 6 | 45 | 1 |
| 15:15 | 15:30 | 0 | 1 | 3 | 0 | 0 | 0 | 61 | 28 | 0 | 38 | 1 | 16 | 0 | 20 | 66 | 1 |
| 15:30 | 15:45 | 0 | 5 | 4 | 1 | 4 | 4 | 70 | 42 | 0 | 41 | 5 | 12 | 1 | 16 | 67 | 5 |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 1 | 2 | 74 | 44 | 1 | 48 | 5 | 21 | 2 | 17 | 59 | 1 |
| 16:00 | 16:15 | 0 | 2 | 4 | 2 | 1 | 0 | 73 | 28 | 0 | 40 | 7 | 15 | 0 | 10 | 46 | 2 |
| 16:15 | 16:30 | 0 | 0 | 2 | 3 | 1 | 1 | 45 | 27 | 0 | 48 | 6 | 12 | 0 | 11 | 49 | 4 |
| 16:30 | 16:45 | 0 | 1 | 1 | 2 | 0 | 2 | 56 | 28 | 0 | 48 | 4 | 11 | 0 | 10 | 48 | 2 |
| 16:45 | 17:00 | 0 | 4 | 0 | 0 | 2 | 1 | 60 | 29 | 0 | 39 | 3 | 7 | 0 | 12 | 58 | 2 |
| 17:00 | 17:15 | 0 | 4 | 2 | 3 | 0 | 1 | 61 | 39 | 0 | 47 | 7 | 8 | 2 | 12 | 44 | 0 |
| 17:15 | 17:30 | 0 | 3 | 1 | 4 | 4 | 4 | 59 | 18 | 0 | 43 | 4 | 14 | 0 | 16 | 53 | 2 |



| 17:30 | 17:45 | 0 | 3 | 2 | 4 | 0 | 1 | 54 | 23 | 0 | 39 | 10 | 9 | 0 | 9 | 33 | 0 |
|-------|-------|---|---|---|---|---|---|----|----|---|----|----|----|---|---|----|---|
| 17:45 | 18:00 | 0 | 3 | 0 | 3 | 1 | 1 | 28 | 22 | 0 | 31 | 7 | 18 | 0 | 5 | 38 | 1 |

| Peak | Time | Nort | h Approa | ch Desail | ly St | East | Approaci | n MacArth | nur St | Sou | uth Approa | ch Desailly | y St | West | Approac | h MacArth | nur St | Peak |
|--------------|--------------------------------|------|----------|-----------|-------|------|----------|-----------|--------|-----|------------|-------------|------|------|---------|-----------|--------|-------|
| Period Start | riod Start Period End U R SB L | | | | | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | | | | | 4 | 11 | 5 | 196 | 141 | 0 | 151 | 16 | 72 | 2 | 47 | 199 | 4 | 858 |
| 15:15 | 16:15 | 0 | 8 | 11 | 4 | 6 | 6 | 278 | 142 | 1 | 167 | 18 | 64 | 3 | 63 | 238 | 9 | 1018 |

| Heavy Vehi | North Approach Desail | | | lly St | Fact | Annross | h MacArth | ur St | 60 | uth Annros | ch Desaill | / St | West | Annross | h MacArt | nur St | |
|------------|-----------------------|---|---|--------|--------|---------|-----------|-------|--------|------------|------------|------|------|---------|----------|--------|--------|
| | | | | | lly St | U | R | WB | lur St | U | R R | NB | L | U | R | EB | iur St |
| 8:00 | | | | | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 8:30 | 8:45 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 1 |
| 10:45 | 11:00 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 1 | 6 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 |
| 12:30 | 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 3 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 17:00 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | | | | | | | | | | | 0 | | | | | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 1 | _ | |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approa | ch Desail | ly St | East | Approach | n MacArth | ur St | Sou | uth Approa | ch Desailly | y St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------------------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-------------|------|------|---------|-----------|--------|-------|
| Period Start | od Start Period End U R SB L | | | | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | | | | 1 | 1 | 0 | 8 | 2 | 0 | 3 | 0 | 2 | 0 | 5 | 12 | 0 | 35 | |
| 15:15 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 0 | 15 |

| Tir | me | Nort | h Approa | ch Desail | ly St | East | Approach | n MacArth | ur St | Soi | uth Approa | ach Desaill | y St | West | Approac | h MacArti | nur St |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-------------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | Г |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 8:15 | 8:30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY TURNING MOVEMENT SURVEY TURNING MOVEMENT SURVEY TO TRANSPORT T

 Survey
 AM:
 8:00 AM-12:00 PM

 Period
 PM:
 12:00 PM-6:00 PM

 Traffic
 AM:
 10:45 AM-11:45 AM

 Peak
 PM:
 3:15 PM-4:15 PM

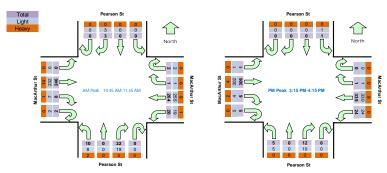
All Vehicles

| | me | | th Approa | | on St | | Approach | | nur St | | | ch Pearso | n St | | Approac | h MacArti | hur St | | y Total |
|--------------|------------|---|-----------|----|-------|---|----------|----|--------|---|----|-----------|------|---|---------|-----------|--------|------|---------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 8:00 | 8:15 | 0 | 0 | 0 | 1 | 0 | 1 | 23 | 4 | 0 | 1 | 0 | 0 | 0 | 2 | 50 | 0 | 482 | |
| 8:15 | 8:30 | 0 | 1 | 0 | 1 | 0 | 0 | 33 | 6 | 0 | 1 | 0 | 3 | 0 | 5 | 70 | 0 | 527 | |
| 8:30 | 8:45 | 0 | 0 | 0 | 2 | 0 | 1 | 50 | 6 | 0 | 2 | 0 | 1 | 2 | 6 | 63 | 0 | 533 | |
| 8:45 | 9:00 | 0 | 0 | 0 | 1 | 0 | 0 | 53 | 3 | 0 | 0 | 0 | 1 | 1 | 10 | 77 | 1 | 512 | |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 3 | 0 | 5 | 0 | 0 | 1 | 5 | 62 | 0 | 499 | |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 6 | 0 | 4 | 0 | 7 | 1 | 4 | 45 | 0 | 509 | |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2 | 0 | 2 | 0 | 4 | 0 | 4 | 56 | 0 | 496 | |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 1 | 64 | 3 | 0 | 3 | 0 | 2 | 0 | 5 | 56 | 0 | 528 | |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 1 | 0 | 3 | 0 | 3 | 1 | 3 | 71 | 0 | 528 | |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 1 | 0 | 53 | 1 | 0 | 5 | 0 | 2 | 0 | 6 | 45 | 0 | 529 | |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 3 | 0 | 4 | 0 | 5 | 0 | 7 | 53 | 0 | 561 | |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 1 | 53 | 5 | 0 | 4 | 0 | 2 | 1 | 0 | 68 | 0 | 578 | Peak |
| 11:00 | 11:15 | 0 | 2 | 0 | 0 | 1 | 0 | 63 | 4 | 0 | 6 | 0 | 4 | 0 | 4 | 54 | 0 | 577 | |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 66 | 8 | 0 | 5 | 0 | 2 | 1 | 2 | 60 | 0 | | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 1 | 0 | 82 | 3 | 0 | 7 | 0 | 2 | 0 | 2 | 64 | 0 | | |
| 11:45 | 12:00 | 0 | 0 | 0 | 3 | 1 | 1 | 61 | 6 | 0 | 6 | 0 | 2 | 1 | 0 | 52 | 0 | | |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 1 | 0 | 71 | 7 | 0 | 6 | 0 | 2 | 0 | 5 | 77 | 0 | 631 | |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 4 | 0 | 6 | 0 | 2 | 1 | 3 | 63 | 1 | 596 | |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 4 | 0 | 9 | 0 | 6 | 0 | 1 | 72 | 1 | 589 | |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 1 | 79 | 6 | 0 | 2 | 0 | 2 | 0 | 4 | 61 | 0 | 565 | |
| 13:00 | 13:15 | 0 | 2 | 0 | 0 | 2 | 0 | 58 | 3 | 0 | 7 | 0 | 2 | 0 | 2 | 58 | 1 | 551 | |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 7 | 0 | 4 | 0 | 0 | 0 | 3 | 61 | 0 | 538 | |
| 13:30 | 13:45 | 0 | 1 | 0 | 0 | 0 | 1 | 54 | 7 | 0 | 6 | 0 | 2 | 0 | 6 | 58 | 0 | 548 | |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 12 | 0 | 7 | 0 | 4 | 0 | 4 | 47 | 0 | 550 | |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 1 | 54 | 5 | 0 | 3 | 0 | 3 | 0 | 2 | 53 | 0 | 537 | |
| 14:15 | 14:30 | 0 | 0 | 0 | 1 | 1 | 0 | 72 | 3 | 0 | 4 | 0 | 5 | 0 | 2 | 61 | 0 | 573 | |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 1 | 0 | 66 | 5 | 0 | 10 | 0 | 1 | 1 | 1 | 50 | 1 | 593 | |
| 14:45 | 15:00 | 0 | 1 | 0 | 0 | 0 | 0 | 64 | 2 | 0 | 6 | 1 | 3 | 1 | 3 | 47 | 1 | 643 | |
| 15:00 | 15:15 | 0 | 1 | 0 | 2 | 0 | 2 | 91 | 4 | 0 | 3 | 0 | 1 | 1 | 2 | 50 | 1 | 697 | |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 7 | 0 | 2 | 0 | 0 | 1 | 0 | 88 | 1 | 700 | Peak |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 9 | 0 | 5 | 0 | 2 | 3 | 2 | 82 | 0 | 666 | |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 0 | 1 | 95 | 4 | 0 | 2 | 0 | 1 | 0 | 3 | 76 | 0 | 608 | |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 4 | 0 | 3 | 0 | 2 | 1 | 1 | 60 | 0 | 576 | |
| 16:15 | 16:30 | 0 | 0 | 0 | 2 | 0 | 2 | 57 | 1 | 0 | 5 | 0 | 5 | 0 | 4 | 59 | 0 | 551 | |
| 16:30 | 16:45 | 0 | 0 | 0 | 1 | 0 | 1 | 65 | 1 | 0 | 7 | 0 | 0 | 0 | 3 | 51 | 0 | 560 | |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 2 | 69 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 73 | 1 | 540 | |
| 17:00 | 17:15 | 0 | 1 | 0 | 0 | 1 | 0 | 72 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 51 | 3 | 482 | |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 1 | 0 | 70 | 3 | 0 | 5 | 0 | 2 | 0 | 1 | 62 | 0 | | |
| 17:30 | 17:45 | 0 | 0 | 0 | 2 | 0 | 1 | 67 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 37 | 0 | | |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 1 | 46 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 41 | 0 | | |

| Peak | Time | Nort | h Approa | ch Pearse | on St | East | Approacl | h MacArth | nur St | So | uth Approa | ch Pearson | n St | West | Approac | h MacArti | hur St | Peak |
|--------------|-------------------------------|------|----------|-----------|-------|------|----------|-----------|--------|----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | iod Start Period End U R SB L | | | | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 3 | 0 | 0 | 2 | 1 | 264 | 20 | 0 | 22 | 0 | 10 | 2 | 8 | 246 | 0 | 578 |
| 15:15 | 16:15 | 0 | 0 | 0 | 1 | 0 | 1 | 339 | 24 | 0 | 12 | 0 | 5 | 5 | 6 | 306 | 1 | 700 |

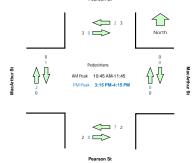
| | me | | | | | | | West Approac | | lourly Tota |
|-------|------------|---|-----------|------------|---|-----------|-----------|--------------|---|-------------|
| | Period End | | Eastbound | Southbound | | Westbound | Eastbound | Southbound | | - |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 14 |
| 8:15 | 8:30 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 15 |
| 8:30 | 8:45 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 13 |
| 8:45 | 9:00 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 11 |
| 9:00 | 9:15 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 9 |
| 9:15 | 9:30 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 9:30 | 9:45 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 14 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 14 |
| 10:00 | 10:15 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 15 |
| 10:15 | 10:30 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 10:30 | 10:45 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 13 |
| 10:45 | 11:00 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 10 |
| 11:00 | 11:15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 11:15 | 11:30 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 12:00 | 12:15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 10 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 9 |
| 12:30 | 12:45 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| 12:45 | 13:00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 8 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| 13:30 | 13:45 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 10 |
| 14:15 | 14:30 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 10 |
| 14:30 | 14:45 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 11 |
| 14:45 | 15:00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 10 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 12 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 11 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 |
| 16:00 | 16:15 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 14 |
| 16:15 | 16:30 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 12 |
| 16:45 | 17:00 | 2 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 13 |
| 17:00 | 17:15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 |
| 17:15 | 17:30 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | |
| 17:45 | 18:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |

| | Peak | Time | North Approa | ch Pearson St | East Approach | n MacArthur St | South Approa | ch Pearson St | West Approach | h MacArthur St | Peak |
|---|-------------|------------|--------------|---------------|---------------|----------------|--------------|---------------|---------------|----------------|------------|
| F | Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| | 10:45 | 11:45 | 3 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 10 |
| | 15:15 | 16:15 | 2 | 0 | 0 | 0 | 7 | 0 | 1 | 2 | 12 |



Light Vehicles

| Light Vehic | les ime | Mor | th Annroa | ch Pears | nn Ct | East | Annross | h MacArth | uir Ct | Co | uth Annros | ich Pearso | n Ct | Wood | Approac | h MacArt | hur Ct |
|-------------|------------------|-----|-----------|----------|-------|------|--------------|-----------|--------|----|------------|------------|-------|------|--------------|----------|--------|
| | me Period End | U | n Approa | SB | on St | U | Approac R | WB | L L | U | utn Approa | NB | ıı ət | U | Approac R | EB | nur St |
| 8:00 | 8:15 | 0 | 0 | 0 | 1 | 0 | 1 | 21 | 4 | 0 | 1 | 0 | 0 | 0 | 2 | 47 | 0 |
| 8:15 | 8:30 | 0 | 1 | 0 | 1 | 0 | 0 | 31 | 6 | 0 | 1 | 0 | 2 | 0 | 4 | 67 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 2 | 0 | 1 | 47 | 5 | 0 | 1 | 0 | 1 | 2 | 4 | 62 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 1 | 0 | 0 | 50 | 3 | 0 | 0 | 0 | 1 | 1 | 10 | 74 | 1 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 3 | 0 | 5 | 0 | 0 | 1 | 5 | 60 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 6 | 0 | 4 | 0 | 5 | 1 | 4 | 43 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2 | 0 | 2 | 0 | 3 | 0 | 4 | 54 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 1 | 60 | 3 | 0 | 3 | 0 | 2 | 0 | 4 | 53 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 1 | 0 | 3 | 0 | 2 | 1 | 3 | 68 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 1 | 0 | 52 | 1 | 0 | 5 | 0 | 2 | 0 | 6 | 43 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 3 | 0 | 2 | 0 | 5 | 0 | 5 | 50 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 1 | 51 | 4 | 0 | 4 | 0 | 2 | 1 | 0 | 62 | 0 |
| 11:00 | 11:15 | 0 | 2 | 0 | 0 | 1 | 0 | 61 | 4 | 0 | 5 | 0 | 2 | 0 | 3 | 48 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 63 | 8 | 0 | 4 | 0 | 2 | 1 | 2 | 58 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 1 | 0 | 80 | 3 | 0 | 6 | 0 | 2 | 0 | 2 | 64 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 3 | 1 | 1 | 59 | 6 | 0 | 6 | 0 | 2 | 1 | 0 | 52 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 1 | 0 | 71 | 6 | 0 | 6 | 0 | 2 | 0 | 4 | 76 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 3 | 0 | 4 | 0 | 1 | 1 | 3 | 60 | 1 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 4 | 0 | 9 | 0 | 4 | 0 | 1 | 70 | 1 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 1 | 77 | 6 | 0 | 2 | 0 | 2 | 0 | 3 | 58 | 0 |
| 13:00 | 13:15 | 0 | 2 | 0 | 0 | 2 | 0 | 56 | 2 | 0 | 6 | 0 | 1 | 0 | 2 | 55 | 1 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 7 | 0 | 4 | 0 | 0 | 0 | 3 | 60 | 0 |
| 13:30 | 13:45 | 0 | 1 | 0 | 0 | 0 | 1 | 53 | 7 | 0 | 6 | 0 | 2 | 0 | 5 | 57 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 12 | 0 | 7 | 0 | 4 | 0 | 4 | 47 | 0 |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 1 | 53 | 4 | 0 | 3 | 0 | 2 | 0 | 2 | 53 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 1 | 1 | 0 | 68 | 2 | 0 | 4 | 0 | 5 | 0 | 2 | 59 | 0 |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 1 | 0 | 65 | 5 | 0 | 8 | 0 | 1 | 1 | 1 | 49 | 1 |
| 14:45 | 15:00 | 0 | 1 | 0 | 0 | 0 | 0 | 62 | 2 | 0 | 6 | 0 | 3 | 1 | 3 | 46 | 1 |
| 15:00 | 15:15 | 0 | 1 | 0 | 1 | 0 | 2 | 91 | 4 | 0 | 3 | 0 | 1 | 1 | 2 | 49 | 1 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 7 | 0 | 2 | 0 | 0 | 1 | 0 | 88 | 1 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 9 | 0 | 5 | 0 | 2 | 3 | 2 | 81 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 0 | 1 | 93 | 4 | 0 | 2 | 0 | 1 | 0 | 2 | 74 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 4 | 0 | 1 | 0 | 2 | 1 | 0 | 59 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 2 | 0 | 2 | 57 | 1 | 0 | 5 | 0 | 5 | 0 | 4 | 58 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 1 | 0 | 1 | 65 | 1 | 0 | 6 | 0 | 0 | 0 | 3 | 50 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 2 | 69 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 72 | 1 |
| 17:00 | 17:15 | 0 | 1 | 0 | 0 | 1 | 0 | 72 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 50 | 3 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 1 | 0 | 70 | 3 | 0 | 5 | 0 | 2 | 0 | 1 | 61 | 0 |



| 17:30 | 17:45 | 0 | 0 | 0 | 2 | 0 | 1 | 67 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 37 | 0 |
|-------|-------|---|---|---|---|---|---|----|---|---|---|---|---|---|---|----|---|
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 1 | 46 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 41 | 0 |

| Peak | Time | Nort | th Approa | ch Pears | on St | East | Approac | h MacArti | nur St | So | uth Approa | ch Pearso | n St | West | Approac | h MacArt | nur St | Peak |
|--------------|------------|------|-----------|----------|-------|------|---------|-----------|--------|----|------------|-----------|------|------|---------|----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 3 | 0 | 0 | 2 | 1 | 255 | 19 | 0 | 19 | 0 | 8 | 2 | 7 | 232 | 0 | 548 |
| 15:15 | 16:15 | 0 | 0 | 0 | 1 | 0 | 1 | 330 | 24 | 0 | 10 | 0 | 5 | 5 | 4 | 302 | 1 | 683 |

Heavy Vehicles

| Heavy Vehi | | N. | | at Dan | 04 | F | | - MA · | C4 | _ | 41- 4 | at Dana | 04 | 144. | | h Maat " | h Ct |
|----------------|------------------|-----------|----------|--------|-------|-----------|--------------|-----------------|-------|---|------------|-----------------|------|------|--------------|----------------|--------|
| | me Period End | Nort U | h Approa | SB | on St | East U | Approac R | h MacArth WB | ur St | U | uth Approa | ch Pearso NB | n St | West | Approac R | h MacArt EB | hur St |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 3 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 6 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 3 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 3 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 - | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 14:45 15:00 | 15:00 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15:15 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | - | _ | | _ | | | | | | _ | | | | | | |

| Peak | Time | Nort | h Approa | ch Pearse | on St | East | Approacl | h MacArth | nur St | So | uth Approa | ch Pearso | n St | West | Approacl | h MacArth | nur St | Peak |
|--------------|------------------------|------|----------|-----------|-------|------|----------|-----------|--------|----|------------|-----------|------|------|----------|-----------|--------|------|
| Period Start | tart Period End U R SB | | | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total | |
| 10:45 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 3 | 0 | 2 | 0 | 1 | 14 | 0 | 30 |
| 15:15 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 4 | 0 | 17 |

| Ti | me | Nort | h Approa | ch Pears | on St | East | Approacl | h MacArth | ur St | Sou | uth Approa | ch Pearso | n St | West | Approac | h MacArth | nur St |
|--------------|------------|------|----------|----------|-------|------|----------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | T . | T - | T - | | _ | T - | T - | T - | T - | | | | T - | | | |
|-------|-------|-----|-----|-----|---|---|-----|-----|-----|-----|---|---|---|-----|---|---|---|
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY TURNING MOVEMENT SURVEY TURNING MOVEMENT SURVEY TO THE TRANS TRAFFIC SURVEY.COM. AUTOMOTOR TO THE TRANS TRAFFIC SURVEY.

Intersection of MacArthur St and Raymond St, Sale

GPS -38.105216, 147.065458

Date: Thu 07/08/25

Weather: Overcast

Suburban: Sale

Customer: BW

North: Raymond St East: MacArthur St South: Raymond St West: MacArthur St

All Vehicles

| All venicles | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|------------|-----------|----------|------------|-----------|--------------|-----------------|-------------|-----|-----------|-----------------|------------|-----|----------------|-----------------|-------------|--------|-----------------|
| Tim Period Start F | | Norti U | h Approac | ch Raymo | nd St L | East U | Approac R | h MacArti WB | nur St L | Sou | th Approa | ch Raymor NB | nd St L | Wes | t Approac R | h MacArti EB | hur St L | Hourly | / Total Peak |
| 8:00 | 8:15 | 0 | 7 | 20 | 10 | 0 | 1 | 23 | 9 | 1 | 5 | 15 | 4 | 1 | 13 | 31 | 8 | 952 | reak |
| 8:15 | 8:30 | 0 | 22 | 26 | 15 | 0 | 8 | 41 | 11 | 5 | 4 | 19 | 7 | 0 | 12 | 55 | 14 | 1067 | |
| 8:30 | 8:45 | 1 | 22 | 42 | 15 | 0 | 8 | 36 | 20 | 1 | 12 | 30 | 8 | 0 | 10 | 50 | 15 | 1090 | |
| 8:45 | 9:00 | 0 | 17 | 44 | 23 | 0 | 7 | 55 | 27 | 13 | 8 | 16 | 8 | 0 | 16 | 47 | 14 | 1113 | |
| 9:00 | 9:15 | 1 | 16 | 25 | 14 | 2 | 9 | 45 | 20 | 9 | 18 | 18 | 10 | 0 | 23 | 34 | 19 | 1106 | |
| 9:15 | 9:30 | 0 | 19 | 23 | 10 | 2 | 12 | 45 | 26 | 4 | 16 | 22 | 17 | 0 | 19 | 32 | 15 | 1135 | |
| 9:30 | 9:45 | 1 | 23 | 33 | 16 | 2 | 10 | 39 | 28 | 10 | 14 | 26 | 18 | 1 | 13 | 42 | 17 | 1144 | |
| 9:45 | 10:00 | 0 | 26 | 35 | 10 | 0 | 14 | 57 | 15 | 11 | 12 | 18 | 5 | 0 | 17 | 49 | 19 | 1180 | |
| 10:00 | 10:15 | 1 | 15 | 35 | 13 | 1 | 9 | 39 | 28 | 7 | 16 | 18 | 15 | 0 | 25 | 56 | 14 | 1233 | |
| 10:15 | 10:30 | 1 | 19 | 28 | 6 | 1 | 13 | 43 | 30 | 5 | 20 | 16 | 20 | 0 | 19 | 36 | 14 | 1238 | |
| 10:30 | 10:45 | 3 | 23 | 32 | 16 | 0 | 15 | 50 | 28 | 6 | 19 | 27 | 22 | 0 | 16 | 51 | 21 | 1311 | |
| 10:45 | 11:00 | 0 | 23 | 27 | 17 | 2 | 16 | 44 | 43 | 9 | 25 | 26 | 15 | 0 | 20 | 55 | 19 | 1318 | Peak |
| 11:00 | 11:15 | 2 | 18 | 28 | 15 | 2 | 11 | 54 | 23 | 7 | 9 | 24 | 17 | 0 | 20 | 51 | 16 | 1292 | |
| 11:15 | 11:30 | 1 | 35 | 24 | 24 | 1 | 14 | 43 | 27 | 9 | 17 | 33 | 18 | 0 | 16 | 57 | 25 | | |
| 11:30 | 11:45 | 1 | 19 | 25 | 23 | 2 | 9 | 53 | 29 | 12 | 16 | 25 | 24 | 2 | 18 | 56 | 22 | | |
| 11:45 | 12:00 | 1 | 24 | 22 | 18 | 3 | 12 | 47 | 29 | 11 | 17 | 22 | 19 | 2 | 12 | 56 | 20 | | |
| 12:00 | 12:15 | 1 | 23 | 41 | 14 | 6 | 10 | 56 | 36 | 10 | 25 | 25 | 21 | 1 | 20 | 54 | 15 | 1453 | Peak |
| 12:15 | 12:30 | 2 | 28 | 29 | 14 | 5 | 15 | 39 | 37 | 13 | 21 | 34 | 18 | 0 | 13 | 67 | 19 | 1409 | |
| 12:30 | 12:45 | 2 | 24 | 29 | 18 | 8 | 9 | 45 | 33 | 11 | 24 | 26 | 24 | 0 | 28 | 65 | 24 | 1403 | |
| 12:45 | 13:00 | 3 | 21 | 14 | 20 | 8 | 18 | 68 | 23 | 5 | 13 | 30 | 24 | 1 | 23 | 75 | 25 | 1378 | |
| 13:00 | 13:15 | 3 | 34 | 30 | 19 | 4 | 7 | 44 | 28 | 5 | 16 | 18 | 14 | 3 | 23 | 47 | 19 | 1319 | |
| 13:15 | 13:30 | 0 | 25 | 28 | 16 | 2 | 18 | 53 | 27 | 7 | 19 | 29 | 19 | 0 | 20 | 65 | 20 | 1298 | |
| 13:30 | 13:45 | 3 | 21 | 21 | 14 | 4 | 10 | 47 | 35 | 12 | 18 | 39 | 11 | 0 | 19 | 69 | 22 | 1275 | |
| 13:45 | 14:00 | 6 | 24 | 26 | 22 | 1 | 10 | 49 | 21 | 11 | 23 | 28 | 19 | 0 | 15 | 47 | 10 | 1265 | |
| 14:00 | 14:15 | 2 | 21 | 30 | 17 | 0 | 8 | 37 | 28 | 4 | 25 | 22 | 16 | 0 | 9 | 55 | 19 | 1262 | |
| 14:15 | 14:30 | 1 | 20 | 23 | 16 | 3 | 13 | 67 | 35 | 3 | 26 | 24 | 13 | 0 | 21 | 48 | 12 | 1283 | |
| 14:30 | 14:45 | 1 | 25 | 14 | 19 | 1 | 10 | 58 | 25 | 6 | 25 | 19 | 25 | 0 | 24 | 61 | 22 | 1305 | |
| 14:45 | 15:00 | 1 | 28 | 31 | 9 | 1 | 16 | 41 | 34 | 5 | 18 | 26 | 12 | 0 | 17 | 55 | 15 | 1340 | |
| 15:00 | 15:15 | 2 | 28 | 24 | 10 | 1 | 6 | 56 | 28 | 3 | 20 | 22 | 18 | 0 | 15 | 63 | 18 | 1393 | |
| 15:15 | 15:30 | 0 | 23 | 33 | 9 | 3 | 13 | 65 | 25 | 5 | 15 | 35 | 17 | 0 | 21 | 57 | 26 | 1438 | |
| 15:30 | 15:45 | 1 | 28 | 34 | 15 | 1 | 8 | 71 | 21 | 6 | 13 | 29 | 26 | 0 | 23 | 66 | 28 | 1414 | |
| 15:45 | 16:00 | 0 | 27 | 29 | 15 | 2 | 10 | 73 | 26 | 17 | 15 | 28 | 16 | 1 | 21 | 61 | 21 | 1373 | |
| 16:00 | 16:15 | 0 | 17 | 33 | 18 | 0 | 12 | 58 | 28 | 7 | 24 | 44 | 17 | 0 | 17 | 63 | 21 | 1334 | |
| 16:15 | 16:30 | 1 | 23 | 26 | 14 | 2 | 12 | 38 | 33 | 6 | 23 | 29 | 16 | 0 | 19 | 61 | 20 | 1321 | |
| 16:30 | 16:45 | 2 | 21 | 25 | 17 | 3 | 13 | 50 | 19 | 8 | 22 | 32 | 18 | 1 | 25 | 57 | 16 | 1289 | |
| 16:45 | 17:00 | 2 | 31 | 22 | 16 | 2 | 10 | 52 | 24 | 11 | 15 | 21 | 13 | 0 | 17 | 63 | 24 | 1222 | |
| 17:00 | 17:15 | 0 | 22 | 31 | 12 | 2 | 13 | 64 | 23 | 8 | 27 | 32 | 16 | 0 | 13 | 66 | 17 | 1103 | |
| 17:15 | 17:30 | 1 | 13 | 22 | 9 | 3 | 9 | 44 | 25 | 4 | 13 | 28 | 18 | 0 | 16 | 66 | 20 | | |
| 17:30 | 17:45 | 0 | 23 | 18 | 16 | 2 | 14 | 40 | 28 | 2 | 17 | 13 | 15 | 0 | 15 | 45 | 14 | | |
| 17:45 | 18:00 | 2 | 14 | 10 | 8 | 2 | 4 | 29 | 12 | 2 | 9 | 25 | 11 | 0 | 8 | 50 | 18 | | |
| | | | | | | | | | | | | | | | | | | | |

| | Peak | 3 11.43 4 93 104 | | | | | East | Approach | h MacArth | nur St | Sou | th Approa | ch Raymor | d St | West | Approac | h MacArt | hur St | Peak |
|----|-------------|------------------|---|----|-----|----|------|----------|-----------|--------|-----|-----------|-----------|------|------|---------|----------|--------|-------|
| Pe | eriod Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| | 10:45 | 11:45 | 4 | 95 | 104 | 79 | 7 | 50 | 194 | 122 | 37 | 67 | 108 | 74 | 2 | 74 | 219 | 82 | 1318 |
| | 12:00 | 13:00 | 8 | 96 | 113 | 66 | 27 | 52 | 208 | 129 | 39 | 83 | 115 | 87 | 2 | 84 | 261 | 83 | 1453 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.









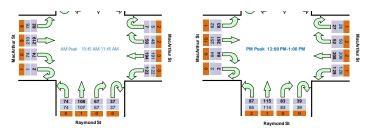


| | ns Crossing | | | | | | | | | |
|-------------|------------------|---|---------------------------|------------|------------|----------------------------|-----------|------------|------------------------------|-------------|
| Period Star | me Period End | | h Raymond St Eastbound | Southbound | Northbound | South Approac Westbound | Eastbound | Southbound | h MacArthur St Northbound | lourly Tota |
| 8:00 | 8:15 | 1 | 1 | 1 | 2 | 2 | 0 | 3 | 2 | 58 |
| 8:15 | 8:30 | 3 | 0 | 6 | 2 | 0 | 1 | 3 | 3 | 61 |
| 8:30 | 8:45 | 2 | 1 | 4 | 4 | 0 | 0 | 5 | 1 | 66 |
| 8:45 | 9:00 | 0 | 2 | 2 | 3 | 1 | 1 | 0 | 2 | 70 |
| 9:00 | 9:15 | 0 | 1 | 4 | 2 | 3 | 2 | 1 | 2 | 74 |
| 9:15 | 9:30 | 1 | 3 | 7 | 6 | 1 | 1 | 2 | 2 | 89 |
| 9:30 | 9:45 | 0 | 0 | 3 | 4 | 4 | 3 | 5 | 2 | 90 |
| 9:45 | 10:00 | 0 | 1 | 2 | 4 | 1 | 1 | 2 | 4 | 84 |
| 10:00 | 10:15 | 0 | 0 | 9 | 4 | 4 | 1 | 4 | 8 | 90 |
| 10:15 | 10:30 | 2 | 1 | 4 | 3 | 1 | 1 | 5 | 7 | 95 |
| 10:30 | 10:45 | 0 | 3 | 3 | 5 | 0 | 1 | 2 | 1 | 110 |
| 10:45 | 11:00 | 2 | 1 | 5 | 3 | 2 | 1 | 6 | 1 | 126 |
| 11:00 | 11:15 | 0 | 2 | 4 | 7 | 5 | 8 | 5 | 4 | 156 |
| 11:15 | 11:30 | 1 | 2 | 7 | 13 | 3 | 4 | 3 | 6 | |
| 11:30 | 11:45 | 2 | 2 | 4 | 5 | 7 | 3 | 3 | 5 | |
| 11:45 | 12:00 | 5 | 2 | 18 | 10 | 5 | 6 | 3 | 2 | |
| 12:00 | 12:15 | 4 | 0 | 7 | 5 | 7 | 6 | 9 | 8 | 205 |
| 12:15 | 12:30 | 1 | 4 | 14 | 16 | 1 | 6 | 6 | 6 | 206 |
| 12:30 | 12:45 | 4 | 0 | 13 | 10 | 10 | 13 | 3 | 7 | 195 |
| 12:45 | 13:00 | 4 | 2 | 3 | 7 | 4 | 7 | 9 | 9 | 174 |
| 13:00 | 13:15 | 7 | 0 | 4 | 6 | 8 | 1 | 9 | 12 | 152 |
| 13:15 | 13:30 | 4 | 5 | 7 | 8 | 3 | 2 | 10 | 4 | 139 |
| 13:30 | 13:45 | 2 | 5 | 4 | 5 | 3 | 7 | 5 | 8 | 127 |
| 13:45 | 14:00 | 1 | 4 | 2 | 4 | 4 | 5 | 1 | 2 | 125 |
| 14:00 | 14:15 | 4 | 2 | 6 | 8 | 2 | 2 | 3 | 7 | 126 |
| 14:15 | 14:30 | 3 | 0 | 6 | 7 | 3 | 5 | 5 | 2 | 107 |
| 14:30 | 14:45 | 1 | 2 | 5 | 10 | 4 | 6 | 6 | 3 | 101 |
| 14:45 | 15:00 | 0 | 0 | 3 | 4 | 3 | 0 | 5 | 9 | 88 |
| 15:00 | 15:15 | 0 | 0 | 4 | 2 | 1 | 2 | 5 | 1 | 84 |
| 15:15 | 15:30 | 1 | 2 | 3 | 5 | 4 | 3 | 2 | 5 | 96 |
| 15:30 | 15:45 | 0 | 2 | 6 | 8 | 3 | 1 | 2 | 2 | 87 |
| 15:45 | 16:00 | 2 | 2 | 2 | 1 | 3 | 1 | 5 | 4 | 82 |
| 16:00 | 16:15 | 3 | 1 | 2 | 5 | 1 | 5 | 4 | 6 | 81 |
| 16:15 | 16:30 | 0 | 0 | 0 | 5 | 3 | 4 | 0 | 4 | 74 |
| 16:30 | 16:45 | 1 | 2 | 2 | 2 | 1 | 3 | 3 | 5 | 62 |
| 16:45 | 17:00 | 0 | 1 | 5 | 0 | 7 | 0 | 3 | 3 | 51 |
| 17:00 | 17:15 | 1 | 2 | 0 | 5 | 2 | 4 | 0 | 6 | 48 |
| 17:15 | 17:30 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | |
| 17:30 | 17:45 | 0 | 0 | 0 | 4 | 2 | 1 | 0 | 1 | |
| 17:45 | 18:00 | 0 | 0 | 10 | 4 | 2 | 0 | 0 | 0 | |

| | Peak | Time | North Approac | h Raymond St | East Approach | n MacArthur St | South Approac | h Raymond St | West Approac | h MacArthur St | Peak |
|---|------------|------------|---------------|--------------|---------------|----------------|---------------|--------------|--------------|----------------|------------|
| F | eriod Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| | 10:45 | 11:45 | 5 | 7 | 20 | 28 | 17 | 16 | 17 | 16 | 126 |
| | 12:00 | 13:00 | 13 | 6 | 37 | 38 | 22 | 32 | 27 | 30 | 205 |





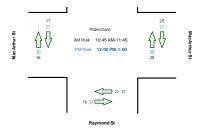


Light Vehicles

| Light Vehic | | Marti | | -b D | | F4 | | L M A-41 | 04 | · · | 4b A | -b D | -1 64 | 18/ | | L M A-1 | Ct |
|-------------|------------------|-------|-----------|------|-------|----|--------------|-----------------|--------|-----|-----------|------|------------|-----|--------------|---------|-------------|
| | me Period End | U | h Approac | SB | na st | U | Approac R | h MacArti WB | lur St | U | th Approa | NB | la St L | U | Approac R | EB | nur St L |
| 8:00 | 8:15 | 0 | 6 | 20 | 9 | 0 | 1 | 22 | 9 | 1 | 5 | 15 | 4 | 1 | 13 | 30 | 7 |
| 8:15 | 8:30 | 0 | 22 | 26 | 15 | 0 | 8 | 38 | 11 | 4 | 4 | 19 | 7 | 0 | 12 | 53 | 14 |
| 8:30 | 8:45 | 1 | 21 | 42 | 15 | 0 | 7 | 35 | 18 | 1 | 11 | 30 | 8 | 0 | 10 | 49 | 13 |
| 8:45 | 9:00 | 0 | 15 | 44 | 23 | 0 | 5 | 54 | 26 | 13 | 8 | 16 | 8 | 0 | 16 | 46 | 14 |
| 9:00 | 9:15 | 1 | 15 | 25 | 14 | 2 | 9 | 42 | 20 | 9 | 18 | 18 | 10 | 0 | 23 | 32 | 18 |
| 9:15 | 9:30 | 0 | 18 | 23 | 9 | 2 | 11 | 42 | 25 | 4 | 15 | 22 | 17 | 0 | 18 | 31 | 15 |
| 9:30 | 9:45 | 1 | 23 | 32 | 16 | 0 | 10 | 39 | 28 | 10 | 14 | 26 | 18 | 1 | 13 | 39 | 17 |
| 9:45 | 10:00 | 0 | 25 | 34 | 10 | 0 | 14 | 55 | 15 | 11 | 12 | 18 | 5 | 0 | 17 | 47 | 19 |
| 10:00 | 10:15 | 1 | 13 | 35 | 13 | 1 | 9 | 39 | 28 | 7 | 16 | 18 | 15 | 0 | 25 | 53 | 14 |
| 10:15 | 10:30 | 1 | 19 | 28 | 5 | 1 | 13 | 42 | 30 | 5 | 19 | 16 | 20 | 0 | 19 | 36 | 13 |
| 10:30 | 10:45 | 3 | 23 | 31 | 16 | 0 | 15 | 48 | 28 | 6 | 19 | 26 | 22 | 0 | 16 | 48 | 20 |
| 10:45 | 11:00 | 0 | 20 | 26 | 16 | 1 | 16 | 43 | 43 | 9 | 25 | 26 | 15 | 0 | 20 | 51 | 18 |
| 11:00 | 11:15 | 2 | 17 | 28 | 15 | 1 | 9 | 53 | 23 | 7 | 9 | 23 | 17 | 0 | 20 | 47 | 13 |
| 11:15 | 11:30 | 1 | 32 | 24 | 24 | 1 | 14 | 43 | 27 | 9 | 17 | 33 | 18 | 0 | 16 | 56 | 24 |
| 11:30 | 11:45 | 1 | 19 | 25 | 23 | 2 | 9 | 52 | 29 | 12 | 16 | 25 | 24 | 1 | 18 | 56 | 21 |
| 11:45 | 12:00 | 1 | 23 | 22 | 17 | 3 | 12 | 47 | 29 | 11 | 17 | 22 | 19 | 1 | 12 | 56 | 20 |
| 12:00 | 12:15 | 1 | 23 | 41 | 14 | 6 | 10 | 56 | 36 | 10 | 25 | 25 | 20 | 1 | 20 | 54 | 15 |
| 12:15 | 12:30 | 2 | 27 | 29 | 14 | 5 | 15 | 39 | 36 | 13 | 21 | 33 | 17 | 0 | 13 | 61 | 19 |
| 12:30 | 12:45 | 2 | 23 | 29 | 18 | 8 | 8 | 45 | 33 | 11 | 24 | 26 | 24 | 0 | 28 | 63 | 23 |
| 12:45 | 13:00 | 3 | 21 | 14 | 20 | 7 | 17 | 66 | 23 | 5 | 13 | 30 | 24 | 1 | 23 | 73 | 25 |
| 13:00 | 13:15 | 3 | 32 | 30 | 18 | 4 | 7 | 42 | 28 | 5 | 16 | 18 | 14 | 2 | 23 | 45 | 18 |
| 13:15 | 13:30 | 0 | 25 | 28 | 16 | 2 | 18 | 53 | 27 | 7 | 19 | 29 | 19 | 0 | 20 | 64 | 20 |
| 13:30 | 13:45 | 3 | 21 | 21 | 14 | 3 | 8 | 47 | 35 | 12 | 18 | 39 | 11 | 0 | 19 | 69 | 22 |
| 13:45 | 14:00 | 6 | 23 | 26 | 22 | 1 | 10 | 47 | 21 | 11 | 23 | 28 | 19 | 0 | 15 | 47 | 10 |
| 14:00 | 14:15 | 2 | 19 | 30 | 17 | 0 | 8 | 36 | 28 | 4 | 25 | 22 | 16 | 0 | 9 | 55 | 19 |
| 14:15 | 14:30 | 1 | 19 | 23 | 16 | 3 | 13 | 66 | 35 | 3 | 26 | 24 | 13 | 0 | 21 | 47 | 12 |
| 14:30 | 14:45 | 1 | 24 | 14 | 19 | 1 | 10 | 57 | 25 | 6 | 25 | 19 | 25 | 0 | 24 | 58 | 22 |
| 14:45 | 15:00 | 1 | 27 | 31 | 9 | 1 | 16 | 40 | 34 | 5 | 18 | 26 | 12 | 0 | 17 | 55 | 13 |
| 15:00 | 15:15 | 2 | 28 | 24 | 10 | 1 | 6 | 56 | 28 | 3 | 20 | 22 | 18 | 0 | 15 | 62 | 17 |
| 15:15 | 15:30 | 0 | 23 | 33 | 9 | 3 | 13 | 65 | 25 | 5 | 15 | 35 | 17 | 0 | 21 | 57 | 26 |
| 15:30 | 15:45 | 1 | 24 | 34 | 15 | 1 | 8 | 70 | 21 | 6 | 13 | 29 | 26 | 0 | 23 | 66 | 28 |
| 15:45 | 16:00 | 0 | 26 | 29 | 15 | 2 | 10 | 71 | 26 | 17 | 14 | 28 | 16 | 1 | 21 | 60 | 21 |
| 16:00 | 16:15 | 0 | 17 | 33 | 18 | 0 | 12 | 58 | 28 | 7 | 24 | 44 | 17 | 0 | 17 | 60 | 21 |
| 16:15 | 16:30 | 1 | 23 | 26 | 14 | 2 | 11 | 38 | 33 | 6 | 23 | 29 | 16 | 0 | 19 | 60 | 20 |
| 16:30 | 16:45 | 2 | 21 | 25 | 17 | 3 | 13 | 50 | 19 | 8 | 22 | 32 | 18 | 1 | 25 | 56 | 16 |
| 16:45 | 17:00 | 2 | 31 | 22 | 16 | 2 | 10 | 52 | 23 | 11 | 15 | 21 | 13 | 0 | 17 | 63 | 23 |
| 17:00 | 17:15 | 0 | 22 | 31 | 12 | 2 | 13 | 64 | 23 | 8 | 27 | 32 | 16 | 0 | 13 | 65 | 17 |
| 17:15 | 17:30 | 1 | 13 | 22 | 9 | 3 | 9 | 44 | 25 | 4 | 13 | 28 | 18 | 0 | 16 | 66 | 20 |
| 17:30 | 17:45 | 0 | 23 | 18 | 15 | 2 | 14 | 40 | 28 | 2 | 17 | 13 | 15 | 0 | 15 | 45 | 14 |
| 17:45 | 18:00 | 2 | 14 | 10 | 8 | 2 | 4 | 29 | 12 | 2 | 9 | 25 | 11 | 0 | 8 | 50 | 18 |

| Peak | c Time | North | n Approac | h Raymo | nd St | East | Approaci | n MacArth | ur St | Sou | th Approac | h Raymon | d St | West | Approach | h MacArti | nur St | Peak |
|-------------|---------------------------|-------|-----------|---------|-------|------|----------|-----------|-------|-----|------------|----------|------|------|----------|-----------|--------|------|
| Period Star | Start Period End U R SB L | | | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total | |
| 10:45 | 11:45 | 4 | 88 | 103 | 78 | 5 | 48 | 191 | 122 | 37 | 67 | 107 | 74 | 1 | 74 | 210 | 76 | 1285 |
| 12:00 | 13:00 | 8 | 94 | 113 | 66 | 26 | 50 | 206 | 128 | 39 | 83 | 114 | 85 | 2 | 84 | 251 | 82 | 1431 |

| Heavy Vehicles | | | | | | | | | | | | | | | | | |
|-------------------------|------|-----------|----------|-------|------|----------------------------|-----|---|------|---------------------------|----|--|--|----------------------------|----|--|--|
| Time | Nort | h Approac | ch Raymo | nd St | East | East Approach MacArthur St | | | | South Approach Raymond St | | | | West Approach MacArthur St | | | |
| Period Start Period End | - 11 | P | SB | _ | = | ۵ | W/B | _ | - 11 | В | NB | | | ۵ | EB | | |



| 8:00 | 8:15 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 8:30 | 8:45 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| 8:45 | 9:00 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9:00 | 9:15 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 9:15 | 9:30 | 0 | 1 | 0 | 1 | 0 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 9:30 | 9:45 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 9:45 | 10:00 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10:00 | 10:15 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 10:45 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 1 |
| 10:45 | 11:00 | 0 | 3 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| 11:00 | 11:15 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 3 |
| 11:15 | 11:30 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 11:45 | 12:00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 6 | 0 |
| 12:30 | 12:45 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 13:00 | 13:15 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 14:45 | 15:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | |

| Peak Time North App | | | n Approac | ch Raymo | nd St | d St East Approach | | | nur St | South Approach Raymond St | | | | West Approach MacArthur St | | | | Peak |
|---------------------|------------|---|-----------|----------|-------|--------------------|---|----|--------|---------------------------|---|----|---|----------------------------|---|----|---|-------|
| Period Start | Period End | С | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 7 | 1 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 9 | 6 | 33 |
| 12:00 | 13:00 | 0 | 2 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 10 | 1 | 22 |

| Cyclists | | | | | | | | | | | | | | | | | |
|--------------|------------|-------|-----------|----------|-------|------|---------|-----------|--------|-----|-----------|-----------|-------|------|---------|-----------|--------|
| | me | Norti | h Approac | ch Raymo | nd St | East | Approac | h MacArth | nur St | Sou | th Approa | ch Raymor | nd St | West | Approac | h MacArth | nur St |
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY

Intersection of New Railway Rd and Desailly St, Sale

GPS -38.106191. 147.063951

| GFS | -36.100191, 147.00393 |
|-----------|-----------------------|
| Date: | Sat 09/08/25 |
| Weather: | Overcast |
| Suburban: | Sale |
| Customer: | BW |

| North: | Desailly St |
|--------|----------------|
| | N/A |
| South: | Desailly St |
| West: | New Railway Rd |

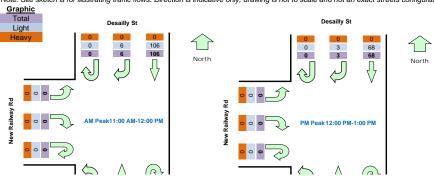
| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | AM: | 11:00 AM-12:00 PM |
| Peak | PM: | 12:00 PM-1:00 PM |

All Vehicles

| Ti | me | North Ap | proach D | esailly St | South Ar | pproach D | esailly St | est Appro | ach New | Railway I | Hourly | / Total |
|--------------|------------|----------|----------|------------|----------|-----------|------------|-----------|---------|-----------|--------|---------|
| Period Start | Period End | | R | SB | U | NB | L | Ü | R | L | Hour | Peak |
| 9:30 | 9:45 | 0 | 0 | 20 | 0 | 22 | 1 | 0 | 0 | 0 | 185 | |
| 9:45 | 10:00 | 0 | 0 | 14 | 0 | 25 | 1 | 0 | 0 | 0 | 203 | |
| 10:00 | 10:15 | 0 | 0 | 18 | 0 | 26 | 3 | 0 | 0 | 0 | 235 | |
| 10:15 | 10:30 | 0 | 0 | 19 | 0 | 34 | 2 | 0 | 0 | 0 | 253 | |
| 10:30 | 10:45 | 0 | 3 | 29 | 0 | 27 | 2 | 0 | 0 | 0 | 260 | |
| 10:45 | 11:00 | 0 | 5 | 35 | 0 | 28 | 4 | 0 | 0 | 0 | 270 | |
| 11:00 | 11:15 | 0 | 2 | 25 | 0 | 33 | 5 | 0 | 0 | 0 | 271 | Peak |
| 11:15 | 11:30 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 | | |
| 11:30 | 11:45 | 0 | 1 | 30 | 0 | 36 | 4 | 0 | 0 | 0 | | |
| 11:45 | 12:00 | 0 | 2 | 23 | 0 | 41 | 7 | 0 | 0 | 0 | | |
| 12:00 | 12:15 | 0 | 0 | 23 | 0 | 38 | 2 | 0 | 0 | 0 | 224 | Peak |
| 12:15 | 12:30 | 0 | 1 | 15 | 0 | 26 | 3 | 0 | 0 | 0 | 202 | |
| 12:30 | 12:45 | 0 | 1 | 17 | 0 | 41 | 2 | 0 | 0 | 0 | 210 | |
| 12:45 | 13:00 | 0 | 1 | 13 | 0 | 36 | 5 | 0 | 0 | 0 | 209 | |
| 13:00 | 13:15 | 0 | 2 | 16 | 0 | 21 | 2 | 0 | 0 | 0 | 219 | |
| 13:15 | 13:30 | 0 | 1 | 14 | 0 | 34 | 4 | 0 | 0 | 0 | | |
| 13:30 | 13:45 | 0 | 2 | 21 | 0 | 31 | 6 | 0 | 0 | 0 | | |
| 13:45 | 14:00 | 0 | 5 | 22 | 0 | 36 | 2 | 0 | 0 | 0 | | |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 6 | 106 | 0 | 139 | 20 | 0 | 0 | 0 | 271 |
| 12:00 | 13:00 | 0 | 3 | 68 | 0 | 141 | 12 | 0 | 0 | 0 | 224 |

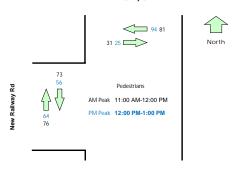
Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.



| Pedestrians Cro | me | North Approa | ch Desailly St | South Approa | ch Desailly St | West Approach N | New Railway Rd | Hourly Total |
|-----------------|------------|--------------|----------------|--------------|----------------|-----------------|----------------|--------------|
| Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | Houriy Total |
| 9:30 | 9:45 | 14 | 15 | 9 | | 11 | 13 | 239 |
| 9:45 | 10:00 | 9 | 7 | 3 | 4 | 6 | 6 | 271 |
| 10:00 | 10:15 | 15 | 20 | 4 | 1 | 14 | 6 | 342 |
| 10:15 | 10:30 | 25 | 12 | 8 | 5 | 21 | 11 | 383 |
| 10:30 | 10:45 | 21 | 20 | 9 | 8 | 19 | 17 | 395 |
| 10:45 | 11:00 | 25 | 21 | 12 | 7 | 24 | 17 | 383 |
| 11:00 | 11:15 | 26 | 9 | 8 | 9 | 31 | 18 | 354 |
| 11:15 | 11:30 | 24 | 22 | 6 | 6 | 17 | 19 | |
| 11:30 | 11:45 | 22 | 22 | 4 | 6 | 10 | 18 | |
| 11:45 | 12:00 | 9 | 20 | 10 | 2 | 15 | 21 | |
| 12:00 | 12:15 | 24 | 14 | 14 | 3 | 13 | 21 | 351 |
| 12:15 | 12:30 | 31 | 28 | 6 | 2 | 13 | 17 | 361 |
| 12:30 | 12:45 | 20 | 26 | 4 | 6 | 17 | 15 | 369 |
| 12:45 | 13:00 | 19 | 20 | 8 | 6 | 13 | 11 | 362 |
| 13:00 | 13:15 | 21 | 31 | 6 | 6 | 18 | 17 | 344 |
| 13:15 | 13:30 | 19 | 25 | 7 | 13 | 20 | 21 | |
| 13:30 | 13:45 | 24 | 24 | 6 | 2 | 14 | 11 | |
| 13:45 | 14:00 | 14 | 21 | 7 | 2 | 7 | 8 | |

| 1 | Peak | Time | North Approa | ch Desailly St | South Approa | ch Desailly St | West Approach N | lew Railway Rd | Peak total |
|---|--------------|------------|--------------|----------------|--------------|----------------|-----------------|----------------|------------|
| | Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | reak total |
| | 11:00 | 12:00 | 81 | 73 | 28 | 23 | 73 | 76 | 354 |
| | 12:00 | 13:00 | 94 | 88 | 32 | 13 | 56 | 64 | 347 |

Desailly St







Desailly St

Desailly St

Light Vehicles

| Light Vehicles | | | | | | | | | | |
|----------------|------------|---|---|----|---|----|------------|---|---|---------|
| | ne | | | | | | esailly St | | | Railway |
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 9:30 | 9:45 | 0 | 0 | 20 | 0 | 22 | 1 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 14 | 0 | 25 | 1 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 18 | 0 | 26 | 3 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 19 | 0 | 32 | 2 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 3 | 29 | 0 | 27 | 2 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 5 | 35 | 0 | 28 | 4 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 2 | 25 | 0 | 33 | 5 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 1 | 30 | 0 | 36 | 4 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 2 | 23 | 0 | 41 | 7 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 23 | 0 | 38 | 2 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 1 | 15 | 0 | 26 | 3 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 1 | 17 | 0 | 41 | 2 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 1 | 13 | 0 | 36 | 5 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 2 | 16 | 0 | 20 | 2 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 1 | 14 | 0 | 34 | 4 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 2 | 21 | 0 | 31 | 6 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 5 | 22 | 0 | 36 | 2 | 0 | 0 | 0 |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 6 | 106 | 0 | 139 | 20 | 0 | 0 | 0 | 271 |
| 12:00 | 13:00 | 0 | 3 | 68 | 0 | 141 | 12 | 0 | 0 | 0 | 224 |

Heavy Vehicles

| Tir | me | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|---------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Desailly St

| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Cyclists | | | | | | | | | | |
|--------------|------------|---|---|----|---|----|------------|---|---|-----------|
| Tit | | | | | | | esailly St | | | Railway I |
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Desailly St, Sale

| GPS | -38.105276, 147.0639 |
|-----------|----------------------|
| Date: | Sat 09/08/25 |
| Weather: | Overcast |
| Suburban: | |
| Customer: | BW |

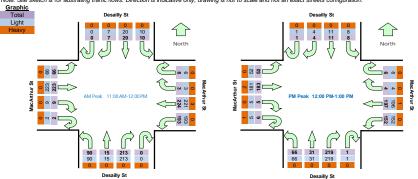
| North: | Desailly St |
|--------|--------------|
| East: | MacArthur St |
| South: | Desailly St |
| West: | MacArthur St |

| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | | 11:00 AM-12:00 PM |
| Peak | PM: | 12:00 PM-1:00 PM |

| All Vehicles | | Man | L A | -l- D! | II O. | F | A | | 01 | 0- | .dl. A | D111 | . 01 | 14/ | A | l- 14 4 1 | 01 | Usual | T-1-1 |
|--------------|------------|-----|----------|--------|--------|----|---|-----------|----|----|--------|-------------|------|-----|----------|-----------|----|-------|---------|
| | me | | h Approa | | lly St | | | h MacArti | | | | ach Desaill | | | | h MacArti | | | y Total |
| | Period End | | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 9:30 | 9:45 | 0 | 1 | 2 | 1 | 0 | 1 | 34 | 33 | 0 | 31 | 0 | 5 | 0 | 0 | 24 | 12 | 728 | |
| 9:45 | 10:00 | 0 | 0 | 1 | 1 | 2 | 0 | 35 | 34 | 0 | 33 | 2 | 14 | 0 | 3 | 53 | 11 | 806 | |
| 10:00 | 10:15 | 1 | 0 | 3 | 4 | 0 | 2 | 43 | 37 | 0 | 34 | 3 | 8 | 0 | 0 | 31 | 14 | 866 | |
| 10:15 | 10:30 | 0 | 3 | 5 | 0 | 0 | 1 | 46 | 34 | 0 | 44 | 3 | 13 | 0 | 4 | 48 | 14 | 958 | |
| 10:30 | 10:45 | 0 | 1 | 1 | 2 | 2 | 1 | 45 | 50 | 0 | 44 | 4 | 15 | 0 | 0 | 43 | 14 | 1017 | |
| 10:45 | 11:00 | 0 | 3 | 2 | 2 | 3 | 0 | 57 | 50 | 0 | 38 | 6 | 14 | 1 | 1 | 52 | 20 | 1059 | |
| 11:00 | 11:15 | 0 | 2 | 5 | 2 | 1 | 2 | 55 | 57 | 0 | 45 | 5 | 24 | 0 | 3 | 52 | 19 | 1081 | Peak |
| 11:15 | 11:30 | 0 | 1 | 4 | 4 | 2 | 1 | 59 | 47 | 0 | 53 | 1 | 25 | 0 | 1 | 65 | 11 | | |
| 11:30 | 11:45 | 0 | 3 | 5 | 0 | 3 | 0 | 50 | 48 | 0 | 58 | 4 | 16 | 1 | 2 | 50 | 24 | | |
| 11:45 | 12:00 | 0 | 1 | 6 | 4 | 0 | 0 | 60 | 41 | 0 | 57 | 5 | 25 | 1 | 3 | 56 | 12 | | |
| 12:00 | 12:15 | 0 | 2 | 1 | 2 | 1 | 1 | 44 | 46 | 0 | 60 | 8 | 18 | 3 | 1 | 48 | 20 | 946 | Peak |
| 12:15 | 12:30 | 0 | 0 | 4 | 1 | 2 | 2 | 44 | 38 | 1 | 46 | 6 | 14 | 1 | 0 | 53 | 7 | 892 | |
| 12:30 | 12:45 | 1 | 1 | 5 | 0 | 1 | 1 | 61 | 28 | 0 | 67 | 9 | 16 | 1 | 3 | 47 | 12 | 877 | |
| 12:45 | 13:00 | 0 | 1 | 1 | 5 | 2 | 0 | 48 | 40 | 0 | 46 | 8 | 18 | 1 | 1 | 35 | 13 | 824 | |
| 13:00 | 13:15 | 0 | 4 | 1 | 2 | 1 | 3 | 39 | 35 | 0 | 41 | 2 | 24 | 0 | 0 | 39 | 10 | 813 | |
| 13:15 | 13:30 | 0 | 0 | 2 | 1 | 2 | 1 | 38 | 31 | 0 | 47 | 3 | 17 | 0 | 0 | 47 | 15 | | |
| 13:30 | 13:45 | 0 | 1 | 2 | 2 | 0 | 2 | 37 | 47 | 0 | 57 | 6 | 14 | 1 | 2 | 23 | 6 | | |
| 13:45 | 14:00 | 0 | 4 | 4 | 2 | -1 | 2 | 41 | 29 | 0 | 45 | 4 | 14 | 0 | 0 | 46 | 16 | | |

| Peak | Time | Nort | h Approa | ach Desail | ly St | East | East Approach MacArthur St | | | Soi | uth Approa | ch Desaill | y St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------|------|----------|------------|-------|------|----------------------------|-----|-----|-----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 7 | 20 | 10 | 6 | 3 | 224 | 193 | 0 | 213 | 15 | 90 | 2 | 9 | 223 | 66 | 1081 |
| 12:00 | 13:00 | 1 | 4 | 11 | 8 | 6 | 4 | 197 | 152 | 1 | 219 | 31 | 66 | 6 | 5 | 183 | 52 | 946 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.

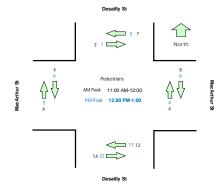


| Light \ | /ehicles |
|---------|----------|
|---------|----------|

| Tir | ne | Nort | h Approa | ch Desail | ly St | East | Approacl | n MacArth | nur St | Soi | uth Approa | ch Desailly | / St | West | Approac | h MacArtl | hur St |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|--------|-----|------------|-------------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 1 | 2 | 1 | 0 | 1 | 34 | 33 | 0 | 31 | 0 | 5 | 0 | 0 | 23 | 12 |
| 9:45 | 10:00 | 0 | 0 | 1 | 1 | 2 | 0 | 34 | 34 | 0 | 33 | 2 | 14 | 0 | 3 | 53 | 11 |
| 10:00 | 10:15 | 1 | 0 | 3 | 4 | 0 | 2 | 42 | 37 | 0 | 34 | 3 | 8 | 0 | 0 | 29 | 14 |
| 10:15 | 10:30 | 0 | 3 | 5 | 0 | 0 | 1 | 46 | 34 | 0 | 44 | 2 | 12 | 0 | 4 | 48 | 14 |
| 10:30 | 10:45 | 0 | 1 | 1 | 2 | 2 | 1 | 44 | 50 | 0 | 44 | 4 | 15 | 0 | 0 | 43 | 14 |

| Tir | | | ch Desailly St | | MacArthur St | | ch Desailly St | | h MacArthur St | lourly Tota |
|-------|------------|---|----------------|------------|--------------|-----------|----------------|------------|----------------|-------------|
| | Period End | | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | - |
| 9:30 | 9:45 | 0 | 4 | 2 | 0 | 2 | 2 | 0 | 1 | 59 |
| 9:45 | 10:00 | 2 | 1 | 2 | 0 | 7 | 1 | 0 | 0 | 64 |
| 10:00 | 10:15 | 0 | 1 | 0 | 2 | 5 | 8 | 1 | 1 | 69 |
| 10:15 | 10:30 | 0 | 1 | 5 | 2 | 7 | 2 | 0 | 0 | 63 |
| 10:30 | 10:45 | 0 | 0 | 1 | 1 | 3 | 7 | 3 | 1 | 67 |
| 10:45 | 11:00 | 2 | 0 | 4 | 1 | 5 | 3 | 3 | 0 | 61 |
| 11:00 | 11:15 | 2 | 1 | 3 | 0 | 3 | 1 | 0 | 2 | 58 |
| 11:15 | 11:30 | 5 | 1 | 1 | 2 | 4 | 1 | 3 | 4 | |
| 11:30 | 11:45 | 0 | 1 | 1 | 1 | 4 | 2 | 1 | 0 | |
| 11:45 | 12:00 | 0 | 0 | 3 | 1 | 1 | 10 | 0 | 0 | |
| 12:00 | 12:15 | 2 | 0 | 1 | 2 | 3 | 5 | 5 | 2 | 66 |
| 12:15 | 12:30 | 1 | 0 | 2 | 2 | 9 | 7 | 0 | 2 | 58 |
| 12:30 | 12:45 | 1 | 1 | 1 | 0 | 3 | 8 | 0 | 1 | 51 |
| 12:45 | 13:00 | 1 | 0 | 2 | 0 | 2 | 2 | 1 | 0 | 53 |
| 13:00 | 13:15 | 0 | 1 | 1 | 0 | 4 | 3 | 1 | 2 | 58 |
| 13:15 | 13:30 | 0 | 2 | 8 | 2 | 3 | 0 | 0 | 1 | |
| 13:30 | 13:45 | 0 | 4 | 0 | 1 | 5 | 3 | 0 | 4 | |
| 13:45 | 14:00 | 0 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | |

| Peak | Time | North Approa | ch Desailly St | East Approach | n MacArthur St | South Approa | ch Desailly St | West Approach | MacArthur St | Peak |
|-------------|------------|--------------|----------------|---------------|----------------|--------------|----------------|---------------|--------------|------------|
| Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| 11:00 | 12:00 | 7 | 3 | 8 | 4 | 12 | 14 | 4 | 6 | 58 |
| 12:00 | 13:00 | 5 | 1 | 6 | 4 | 17 | 22 | 6 | 5 | 66 |



| 10:45 | 11:00 | 0 | 3 | 2 | 2 | 3 | 0 | 57 | 50 | 0 | 38 | 6 | 14 | 1 | 1 | 52 | 20 |
|-------|-------|---|---|---|---|---|---|----|----|---|----|---|----|---|---|----|----|
| 11:00 | 11:15 | 0 | 2 | 5 | 2 | 1 | 2 | 53 | 57 | 0 | 45 | 5 | 24 | 0 | 3 | 52 | 19 |
| 11:15 | 11:30 | 0 | 1 | 4 | 4 | 2 | 1 | 58 | 47 | 0 | 53 | 1 | 25 | 0 | 1 | 65 | 11 |
| 11:30 | 11:45 | 0 | 3 | 5 | 0 | 3 | 0 | 50 | 48 | 0 | 58 | 4 | 16 | 1 | 2 | 50 | 24 |
| 11:45 | 12:00 | 0 | 1 | 6 | 4 | 0 | 0 | 60 | 41 | 0 | 57 | 5 | 25 | 1 | 3 | 56 | 12 |
| 12:00 | 12:15 | 0 | 2 | 1 | 2 | 1 | 1 | 43 | 46 | 0 | 60 | 8 | 18 | 2 | 1 | 47 | 20 |
| 12:15 | 12:30 | 0 | 0 | 4 | 1 | 2 | 2 | 44 | 38 | 1 | 46 | 6 | 14 | 1 | 0 | 53 | 7 |
| 12:30 | 12:45 | 1 | 1 | 5 | 0 | 1 | 1 | 61 | 28 | 0 | 67 | 9 | 16 | 1 | 3 | 46 | 12 |
| 12:45 | 13:00 | 0 | 1 | 1 | 5 | 2 | 0 | 48 | 40 | 0 | 46 | 8 | 18 | 1 | 1 | 35 | 13 |
| 13:00 | 13:15 | 0 | 4 | 1 | 2 | 1 | 3 | 39 | 35 | 0 | 41 | 2 | 24 | 0 | 0 | 39 | 10 |
| 13:15 | 13:30 | 0 | 0 | 2 | 1 | 2 | 1 | 38 | 31 | 0 | 47 | 3 | 17 | 0 | 0 | 47 | 15 |
| 13:30 | 13:45 | 0 | 1 | 2 | 2 | 0 | 2 | 37 | 47 | 0 | 57 | 6 | 14 | 1 | 2 | 23 | 6 |
| 13:45 | 14:00 | 0 | 4 | 4 | 2 | 1 | 2 | 40 | 29 | 0 | 45 | 4 | 14 | 0 | 0 | 46 | 16 |

| Peak | Time | Nort | h Approa | ch Desail | lly St | East | Approacl | h MacArth | nur St | Soi | uth Approa | ch Desaill | y St | West | Approac | h MacArti | hur St | Peak |
|--------------|------------|------|----------|-----------|--------|------|----------|-----------|--------|-----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 7 | 20 | 10 | 6 | 3 | 221 | 193 | 0 | 213 | 15 | 90 | 2 | 9 | 223 | 66 | 1078 |
| 12:00 | 13:00 | 1 | 4 | 11 | 8 | 6 | 4 | 196 | 152 | 1 | 219 | 31 | 66 | 5 | 5 | 181 | 52 | 942 |

Heavy Vehicles

| ricavy verii | | | | | | | | | | | | | | | | | |
|--------------|------------|------|-----------|------------|-------|------|---------|-----------|--------|-----|---|------------|------|------|---------|----|--------|
| | me | Nort | th Approa | ich Desail | ly St | East | Approac | h MacArth | nur St | Soi | | ch Desaill | y St | West | Approac | | hur St |
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approa | ach Desail | lly St | East | Approacl | n MacArth | nur St | So | uth Approa | ch Desaill | y St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------|------|----------|------------|--------|------|----------|-----------|--------|----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 12:00 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 4 |

| Tir | me | Nort | h Approa | ch Desail | ly St | East | Approacl | n MacArth | ur St | Soi | uth Approa | ch Desailly | y St | West | Approac | h MacArtl | hur St |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-------------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 12:30 | 12:45 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Pearson St, Sale

| GPS | -38.105322, 147.0624 |
|-----------|----------------------|
| Date: | Sat 09/08/25 |
| Weather: | Overcast |
| Suburban: | |
| Customer: | BW |

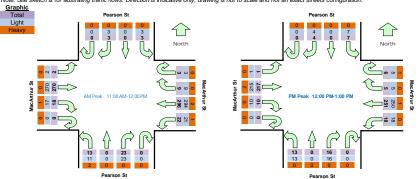
| North: | Pearson St |
|--------|--------------|
| East: | MacArthur St |
| South: | Pearson St |
| West: | MacArthur St |

| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | | 11:00 AM-12:00 PM |
| Peak | PM: | 12:00 PM-1:00 PM |

| All Vehicles | | | | | | | | | | | | | | | | | | | |
|--------------|------------|---|---|----------|---|---|---|-----------|--------|---|---|-----------|---|---|---------|----|---|------|---------|
| | me | | | ch Pears | | | | h MacArth | nur St | | | ch Pearso | | | Approac | | | | y Total |
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4 | 0 | 5 | 0 | 4 | 0 | 1 | 31 | 0 | 431 | |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 3 | 0 | 6 | 0 | 3 | 0 | 2 | 61 | 0 | 476 | |
| 10:00 | 10:15 | 0 | 0 | 0 | 2 | 0 | 1 | 43 | 6 | 0 | 3 | 0 | 2 | 0 | 2 | 42 | 0 | 511 | |
| 10:15 | 10:30 | 0 | 0 | 0 | 2 | 0 | 1 | 51 | 6 | 0 | 2 | 0 | 1 | 0 | 5 | 59 | 0 | 573 | |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 6 | 0 | 2 | 0 | 5 | 0 | 3 | 55 | 0 | 618 | |
| 10:45 | 11:00 | 0 | 0 | 0 | 2 | 1 | 0 | 69 | 4 | 0 | 2 | 0 | 5 | 0 | 5 | 70 | 0 | 652 | |
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 1 | 2 | 69 | 9 | 0 | 6 | 0 | 2 | 0 | 3 | 69 | 1 | 662 | Peak |
| 11:15 | 11:30 | 0 | 3 | 0 | 1 | 0 | 4 | 78 | 2 | 0 | 6 | 0 | 4 | 0 | 6 | 67 | 1 | | |
| 11:30 | 11:45 | 0 | 0 | 0 | 1 | 1 | 2 | 68 | 5 | 0 | 5 | 0 | 2 | 0 | 5 | 70 | 0 | | |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 1 | 1 | 81 | 6 | 0 | 6 | 0 | 5 | 0 | 4 | 64 | 0 | | |
| 12:00 | 12:15 | 0 | 0 | 0 | 4 | 3 | 4 | 59 | 3 | 0 | 4 | 0 | 4 | 0 | 5 | 66 | 0 | 548 | Peak |
| 12:15 | 12:30 | 0 | 1 | 0 | 2 | 2 | 0 | 58 | 4 | 0 | 3 | 0 | 2 | 0 | 1 | 54 | 0 | 520 | |
| 12:30 | 12:45 | 0 | 1 | 0 | 1 | 1 | 0 | 76 | 3 | 0 | 6 | 0 | 6 | 0 | 3 | 55 | 1 | 506 | |
| 12:45 | 13:00 | 0 | 2 | 0 | 0 | 0 | 1 | 58 | 8 | 0 | 3 | 0 | 1 | 0 | 1 | 42 | 0 | 443 | |
| 13:00 | 13:15 | 0 | 0 | 0 | 2 | 0 | 0 | 69 | 2 | 0 | 4 | 0 | 2 | 0 | 2 | 42 | 1 | 453 | |
| 13:15 | 13:30 | 0 | 0 | 0 | 1 | 0 | 3 | 49 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 56 | 0 | | |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 1 | 51 | 2 | 0 | 0 | 0 | 3 | 0 | 1 | 31 | 0 | | |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 56 | 3 | 0 | 5 | 0 | 1 | 0 | 5 | 55 | 0 | | |
| | | | | | | | | | | | | | | | | | | | |

| Peak | Time | Nort | h Approa | ch Pears | on St | East | Approac | h MacArth | ur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------|------|----------|----------|-------|------|---------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 3 | 0 | 3 | 3 | 9 | 296 | 22 | 0 | 23 | 0 | 13 | 0 | 18 | 270 | 2 | 662 |
| 12:00 | 13:00 | 0 | 4 | 0 | 7 | 6 | 5 | 251 | 18 | 0 | 16 | 0 | 13 | 0 | 10 | 217 | 1 | 548 |

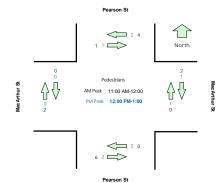
Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.



| Tir | | | h Approa | ch Pearso | n St | East | Approacl | n MacArth | ur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArti | nur St |
|--------------|------------|---|----------|-----------|------|------|----------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4 | 0 | 5 | 0 | 3 | 0 | 0 | 30 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 3 | 0 | 6 | 0 | 2 | 0 | 1 | 61 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 2 | 0 | 1 | 43 | 5 | 0 | 2 | 0 | 2 | 0 | 1 | 41 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 2 | 0 | 1 | 50 | 6 | 0 | 2 | 0 | 1 | 0 | 5 | 59 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 6 | 0 | 2 | 0 | 5 | 0 | 2 | 55 | 0 |

| | me | | ch Pearson St | | n MacArthur St | | ch Pearson St | | h MacArthur St | lourly Tota |
|-------------|------------|-----------|---------------|------------|----------------|-----------|---------------|------------|----------------|-------------|
| Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | lourly rota |
| 9:30 | 9:45 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 9:45 | 10:00 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 16 |
| 10:00 | 10:15 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 9 |
| 10:15 | 10:30 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 12 |
| 10:30 | 10:45 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 13 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11:00 | 11:15 | 2 | 1 | 0 | 0 | 0 | 3 | 0 | 1 | 15 |
| 11:15 | 11:30 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:45 | 12:00 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 9 |
| 12:15 | 12:30 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 7 |
| 12:30 | 12:45 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 13:15 | 13:30 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | |
| 13:45 | 14:00 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | |

| Peak | Time | North Approa | ch Pearson St | East Approach | MacArthur St | South Approa | ch Pearson St | West Approach | n MacArthur St | Peak |
|-------------|------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|----------------|------------|
| Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| 11:00 | 12:00 | 4 | 1 | 2 | 0 | 0 | 6 | 0 | 2 | 15 |
| 12:00 | 13:00 | 2 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 9 |



| 10:45 | 11:00 | 0 | 0 | 0 | 2 | 1 | 0 | 69 | 4 | 0 | 2 | 0 | 4 | 0 | 5 | 70 | 0 |
|-------|-------|---|---|---|---|---|---|----|---|---|---|---|---|---|---|----|---|
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 1 | 2 | 68 | 8 | 0 | 6 | 0 | 2 | 0 | 3 | 69 | 1 |
| 11:15 | 11:30 | 0 | 3 | 0 | 1 | 0 | 4 | 77 | 2 | 0 | 6 | 0 | 3 | 0 | 5 | 67 | 1 |
| 11:30 | 11:45 | 0 | 0 | 0 | 1 | 1 | 2 | 68 | 5 | 0 | 5 | 0 | 2 | 0 | 5 | 70 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 1 | 1 | 81 | 6 | 0 | 6 | 0 | 4 | 0 | 4 | 64 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 4 | 2 | 4 | 58 | 3 | 0 | 4 | 0 | 4 | 0 | 5 | 65 | 0 |
| 12:15 | 12:30 | 0 | 1 | 0 | 2 | 2 | 0 | 58 | 4 | 0 | 3 | 0 | 2 | 0 | 1 | 54 | 0 |
| 12:30 | 12:45 | 0 | 1 | 0 | 1 | 1 | 0 | 76 | 3 | 0 | 6 | 0 | 6 | 0 | 3 | 54 | 1 |
| 12:45 | 13:00 | 0 | 2 | 0 | 0 | 0 | 1 | 58 | 8 | 0 | 3 | 0 | 1 | 0 | 1 | 42 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 2 | 0 | 0 | 69 | 2 | 0 | 4 | 0 | 2 | 0 | 2 | 42 | 1 |
| 13:15 | 13:30 | 0 | 0 | 0 | 1 | 0 | 3 | 49 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 56 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 1 | 51 | 2 | 0 | 0 | 0 | 3 | 0 | 1 | 31 | 0 |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 55 | 3 | 0 | 5 | 0 | 1 | 0 | 5 | 55 | 0 |

| Peak | Time | Nort | h Approa | ch Pearso | on St | East | Approac | h MacArth | nur St | Sou | uth Approa | ch Pearso | n St | West | Approac | h MacArtl | hur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|---------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 3 | 0 | 3 | 3 | 9 | 294 | 21 | 0 | 23 | 0 | 11 | 0 | 17 | 270 | 2 | 656 |
| 12:00 | 13:00 | 0 | 4 | 0 | 7 | 5 | 5 | 250 | 18 | 0 | 16 | 0 | 13 | 0 | 10 | 215 | 1 | 544 |

Heavy Vehicles

| | me | Nort | h Approa | ch Pearso | on St | East | Approaci | n MacArth | ur St | Sou | uth Approa | ch Pearso | n St | West | Approac | h MacArti | hur St |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approa | ch Pears | on St | East | Approac | h MacArth | nur St | Soi | uth Approa | ch Pearso | n St | West | Approac | h MacArti | hur St | Peak |
|--------------|------------|------|----------|----------|-------|------|---------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 6 |
| 12:00 | 13:00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |

| Tir | me | Nort | h Approa | ch Pearso | n St | East | Approacl | n MacArth | ur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArtl | hur St |
|--------------|------------|------|----------|-----------|------|------|----------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 12:30 | 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Raymond St, Sale

| GPS | -38.105216, 147.0654 |
|-----------|----------------------|
| Date: | Sat 09/08/25 |
| Weather: | Overcast |
| Suburban: | Sale |
| Customer: | BW |
| | |

All Vehicles

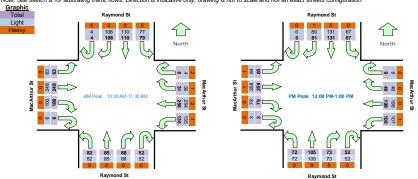
| North: | Raymond St |
|--------|--------------|
| East: | MacArthur St |
| | Raymond St |
| West: | MacArthur St |

| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | | 10:30 AM-11:30 AM |
| Peak | PM: | 12:00 PM-1:00 PM |

| All Vellicles | | | | | | | | | | | | | | | | | | | |
|---------------|------------|-------|-----------|----------|-------|----------------------------|----|----|-----|------------|-----------|------|------|---------|-----------|--------|--------|---------|------|
| | me | Norti | h Approac | ch Raymo | nd St | East Approach MacArthur St | | | Sou | th Approac | ch Raymon | d St | West | Approac | h MacArti | nur St | Hourly | y Total | |
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 9:30 | 9:45 | 1 | 24 | 28 | 13 | 0 | 6 | 31 | 28 | 10 | 15 | 14 | 8 | 1 | 7 | 30 | 15 | 1128 | 1 |
| 9:45 | 10:00 | 1 | 20 | 37 | 8 | 1 | 7 | 40 | 32 | 10 | 13 | 25 | 14 | 0 | 20 | 48 | 16 | 1247 | |
| 10:00 | 10:15 | 0 | 27 | 23 | 24 | 1 | 8 | 47 | 23 | 7 | 20 | 22 | 12 | 0 | 15 | 43 | 9 | 1307 | |
| 10:15 | 10:30 | 0 | 24 | 29 | 15 | 1 | 10 | 49 | 27 | 14 | 16 | 22 | 17 | 0 | 19 | 60 | 21 | 1391 | |
| 10:30 | 10:45 | 4 | 26 | 17 | 23 | 2 | 8 | 57 | 37 | 19 | 24 | 19 | 20 | 2 | 18 | 59 | 15 | 1454 | Peak |
| 10:45 | 11:00 | 0 | 25 | 28 | 17 | 3 | 8 | 68 | 37 | 11 | 14 | 23 | 19 | 1 | 25 | 58 | 15 | 1438 | |
| 11:00 | 11:15 | 0 | 27 | 31 | 17 | 0 | 9 | 71 | 32 | 12 | 23 | 21 | 20 | 2 | 25 | 59 | 16 | 1452 | |
| 11:15 | 11:30 | 0 | 30 | 34 | 22 | 1 | 6 | 60 | 30 | 10 | 27 | 22 | 23 | 1 | 32 | 72 | 17 | | |
| 11:30 | 11:45 | 1 | 23 | 29 | 17 | 3 | 7 | 58 | 20 | 9 | 18 | 23 | 19 | 5 | 20 | 58 | 24 | | |
| 11:45 | 12:00 | 1 | 21 | 31 | 21 | 1 | 19 | 53 | 29 | 12 | 20 | 21 | 22 | 2 | 25 | 68 | 20 | | |
| 12:00 | 12:15 | 0 | 18 | 30 | 24 | 2 | 12 | 56 | 30 | 8 | 16 | 27 | 15 | 1 | 23 | 65 | 23 | 1362 | Peak |

| 12:00 | 13:00 | 0 | 81 | 131 | 67 | 9 | 40 | 198 | 108 | 52 | 73 | 105 | 72 | 3 | 79 | 259 | 85 | 1362 | 1 |
|--------------|------------|------|-----------|----------|-------|------|---------|-----------|-------|-----|------------|-----------|-------|------|---------|-----------|--------|-------|----------|
| 10:30 | 11:30 | 4 | 108 | 110 | 79 | 6 | 31 | 256 | 136 | 52 | 88 | 85 | 82 | 6 | 100 | 248 | 63 | 1454 | |
| Period Start | Period End | | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total | |
| Peak | Time | Nort | h Approac | ch Raymo | nd St | East | Approac | h MacArth | ur St | Sou | th Approac | ch Raymon | nd St | West | Approac | h MacArti | nur St | Peak | 1 |
| 13:45 | 14:00 | 0 | 11 | 18 | 13 | 1 | 4 | 51 | 21 | 8 | 19 | 23 | 12 | 0 | 14 | 61 | 16 | | <u> </u> |
| 13:30 | 13:45 | 0 | 23 | 17 | 8 | 2 | 4 | 52 | 24 | 10 | 7 | 26 | 10 | 0 | 16 | 60 | 14 | | - |
| 13:15 | 13:30 | 1 | 20 | 20 | 10 | 0 | 6 | 41 | 20 | 11 | 19 | 13 | 12 | 0 | 22 | 56 | 16 | | |
| | | | | | | - | - | | _ | _ | - | | | - | | | | 1104 | |
| 13:00 | 13:15 | 0 | 20 | 22 | 12 | 3 | 9 | 45 | 26 | 6 | 20 | 31 | 14 | 0 | 18 | 50 | 16 | 1104 | |
| 12:45 | 13:00 | 0 | 21 | 31 | 16 | 4 | 6 | 54 | 26 | 18 | 18 | 30 | 16 | 0 | 17 | 61 | 14 | 1164 | |
| 12:30 | 12:45 | 0 | 13 | 32 | 15 | 0 | 13 | 47 | 24 | 13 | 15 | 21 | 17 | 1 | 19 | 75 | 17 | 1213 | |
| 12:15 | 12:30 | 0 | 29 | 38 | 12 | 3 | 9 | 41 | 28 | 13 | 24 | 27 | 24 | 1 | 20 | 58 | 31 | 1304 | |
| 12:00 | 12:15 | 0 | 18 | 30 | 24 | 2 | 12 | 56 | 30 | 8 | 16 | 27 | 15 | 1 | 23 | 65 | 23 | 1362 | Peak |
| 11:45 | 12:00 | 1 | 21 | 31 | 21 | 1 | 19 | 53 | 29 | 12 | 20 | 21 | 22 | 2 | 25 | 68 | 20 | | |
| 11:30 | 11:45 | 1 | 23 | 29 | 17 | 3 | 7 | 58 | 20 | 9 | 18 | 23 | 19 | 5 | 20 | 58 | 24 | | |
| 11:15 | 11:30 | 0 | 30 | 34 | 22 | 1 | 6 | 60 | 30 | 10 | 27 | 22 | 23 | 1 | 32 | 72 | 17 | | |
| 11:00 | 11:15 | 0 | 27 | 31 | 17 | 0 | 9 | 71 | 32 | 12 | 23 | 21 | 20 | 2 | 25 | 59 | 16 | 1452 | |
| 10:45 | 11:00 | 0 | 25 | 28 | 17 | 3 | 8 | 68 | 37 | 11 | 14 | 23 | 19 | 1 | 25 | 58 | 15 | 1438 | |

| Moto: Site alcotch in for illustrating traffic flows | Direction is indicative only | drawing is not to each and not an avant streets configuration |
|--|------------------------------|---|



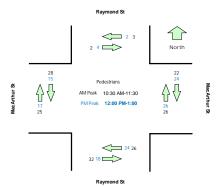
| Light Vehicles | |
|----------------|--|
|----------------|--|

| Tir | | North Approach Raymond St | | | | East Approach MacArthur St | | | | South Approach Raymond St | | | | West Approach MacArthur St | | | |
|--------------|------------|---------------------------|----|----|----|----------------------------|---|----|----|---------------------------|----|----|----|----------------------------|----|----|----|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 1 | 24 | 28 | 13 | 0 | 6 | 31 | 28 | 10 | 15 | 14 | 8 | 1 | 7 | 29 | 15 |
| 9:45 | 10:00 | 1 | 19 | 37 | 8 | 1 | 7 | 40 | 32 | 10 | 13 | 25 | 14 | 0 | 20 | 48 | 16 |
| 10:00 | 10:15 | 0 | 26 | 23 | 23 | 1 | 8 | 47 | 22 | 7 | 20 | 22 | 12 | 0 | 15 | 42 | 8 |
| 10:15 | 10:30 | 0 | 24 | 29 | 14 | 1 | 9 | 49 | 27 | 14 | 16 | 21 | 17 | 0 | 19 | 60 | 21 |
| 10:30 | 10:45 | 4 | 25 | 17 | 23 | 2 | 8 | 57 | 37 | 19 | 24 | 19 | 20 | 2 | 18 | 59 | 15 |

Pedestrians Crossing

| Tir | me | North Approac | h Raymond St | East Approach | n MacArthur St | South Approac | ch Raymond St | West Approac | h MacArthur St | lourly Tota |
|-------------|------------|---------------|--------------|---------------|----------------|---------------|---------------|--------------|----------------|-------------|
| Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | lourly rota |
| 9:30 | 9:45 | 1 | 1 | 5 | 3 | 2 | 6 | 0 | 4 | 116 |
| 9:45 | 10:00 | 0 | 1 | 1 | 4 | 8 | 2 | 12 | 1 | 124 |
| 10:00 | 10:15 | 1 | 1 | 6 | 2 | 3 | 10 | 4 | 3 | 146 |
| 10:15 | 10:30 | 4 | 0 | 5 | 7 | 4 | 7 | 5 | 3 | 153 |
| 10:30 | 10:45 | 1 | 0 | 8 | 6 | 4 | 7 | 3 | 1 | 164 |
| 10:45 | 11:00 | 0 | 0 | 4 | 10 | 6 | 11 | 13 | 7 | 172 |
| 11:00 | 11:15 | 0 | 0 | 5 | 4 | 7 | 4 | 9 | 8 | 167 |
| 11:15 | 11:30 | 2 | 2 | 5 | 6 | 9 | 10 | 3 | 9 | |
| 11:30 | 11:45 | 4 | 0 | 5 | 6 | 8 | 5 | 3 | 7 | |
| 11:45 | 12:00 | 0 | 0 | 4 | 8 | 11 | 13 | 8 | 2 | |
| 12:00 | 12:15 | 1 | 0 | 1 | 3 | 4 | 4 | 6 | 3 | 130 |
| 12:15 | 12:30 | 0 | 1 | 7 | 7 | 4 | 4 | 3 | 3 | 131 |
| 12:30 | 12:45 | 1 | 1 | 13 | 10 | 15 | 8 | 5 | 5 | 121 |
| 12:45 | 13:00 | 0 | 2 | 3 | 6 | 1 | 2 | 1 | 6 | 85 |
| 13:00 | 13:15 | 1 | 1 | 3 | 5 | 3 | 0 | 7 | 3 | 74 |
| 13:15 | 13:30 | 0 | 1 | 2 | 2 | 4 | 8 | 2 | 0 | |
| 13:30 | 13:45 | 2 | 3 | 1 | 2 | 4 | 9 | 0 | 1 | |
| 13:45 | 14:00 | 0 | 0 | 0 | 1 | 3 | 4 | 2 | 0 | |

| | Peak | Time | North Approac | h Raymond St | East Approach | n MacArthur St | South Approac | ch Raymond St | West Approach | Peak | |
|-----|-------------|------------|---------------|--------------|---------------|----------------|---------------|---------------|---------------|------------|------------|
| - 1 | Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| | 10:30 | 11:30 | 3 | 2 | 22 | 26 | 26 | 32 | 28 | 25 | 164 |
| | 12:00 | 13:00 | 2 | 4 | 24 | 26 | 24 | 18 | 15 | 17 | 130 |



| 10:45 | 11:00 | 0 | 25 | 28 | 16 | 2 | 8 | 68 | 37 | 11 | 14 | 23 | 19 | 1 | 25 | 58 | 15 |
|-------|-------|---|----|----|----|---|----|----|----|----|----|----|----|---|----|----|----|
| 11:00 | 11:15 | 0 | 27 | 31 | 16 | 0 | 8 | 69 | 31 | 12 | 23 | 21 | 20 | 2 | 25 | 59 | 16 |
| 11:15 | 11:30 | 0 | 29 | 34 | 22 | 0 | 6 | 60 | 30 | 10 | 27 | 22 | 23 | 1 | 32 | 72 | 17 |
| 11:30 | 11:45 | 1 | 23 | 29 | 17 | 3 | 7 | 58 | 20 | 9 | 18 | 23 | 19 | 5 | 20 | 58 | 24 |
| 11:45 | 12:00 | 1 | 21 | 31 | 21 | 1 | 19 | 53 | 29 | 12 | 20 | 21 | 22 | 2 | 25 | 68 | 20 |
| 12:00 | 12:15 | 0 | 17 | 30 | 24 | 2 | 12 | 56 | 29 | 8 | 16 | 27 | 15 | 1 | 23 | 65 | 22 |
| 12:15 | 12:30 | 0 | 29 | 38 | 12 | 3 | 9 | 41 | 28 | 13 | 24 | 27 | 24 | 1 | 20 | 58 | 31 |
| 12:30 | 12:45 | 0 | 13 | 32 | 15 | 0 | 13 | 47 | 24 | 13 | 15 | 21 | 17 | 1 | 19 | 75 | 17 |
| 12:45 | 13:00 | 0 | 21 | 31 | 16 | 4 | 6 | 54 | 26 | 18 | 18 | 30 | 16 | 0 | 17 | 60 | 14 |
| 13:00 | 13:15 | 0 | 20 | 22 | 12 | 3 | 9 | 45 | 26 | 6 | 20 | 31 | 14 | 0 | 18 | 50 | 16 |
| 13:15 | 13:30 | 1 | 20 | 20 | 10 | 0 | 6 | 41 | 20 | 11 | 19 | 13 | 12 | 0 | 22 | 56 | 16 |
| 13:30 | 13:45 | 0 | 23 | 17 | 8 | 2 | 4 | 52 | 24 | 10 | 7 | 26 | 10 | 0 | 16 | 60 | 14 |
| 13:45 | 14:00 | 0 | 10 | 18 | 13 | 1 | 4 | 51 | 21 | 8 | 19 | 23 | 12 | 0 | 14 | 61 | 16 |

| Peak | Peak Time North Approach Raymond St | | | nd St | East | Approacl | n MacArth | ur St | Sou | th Approac | h Raymon | d St | West | Approacl | h MacArth | nur St | Peak | |
|--------------|-------------------------------------|---|-----|-------|------|----------|-----------|-------|-----|------------|----------|------|------|----------|-----------|--------|------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:30 | 11:30 | 4 | 106 | 110 | 77 | 4 | 30 | 254 | 135 | 52 | 88 | 85 | 82 | 6 | 100 | 248 | 63 | 1444 |
| 12:00 | 13:00 | 0 | 80 | 131 | 67 | 9 | 40 | 198 | 107 | 52 | 73 | 105 | 72 | 3 | 79 | 258 | 84 | 1358 |

Heavy Vehicles

| Ti | me | Norti | h Approac | h Raymo | nd St | East | Approacl | n MacArth | ur St | Sou | th Approa | ch Raymon | d St | West | Approac | h MacArt | hur St |
|--------------|------------|-------|-----------|---------|-------|------|----------|-----------|-------|-----|-----------|-----------|------|------|---------|----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9:45 | 10:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 10:15 | 10:30 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approac | h Raymo | nd St | East | Approac | h MacArth | ur St | Sou | th Approac | ch Raymon | d St | West | Approacl | n MacArti | nur St | Peak |
|--------------|------------|------|-----------|---------|-------|------|---------|-----------|-------|-----|------------|-----------|------|------|----------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:30 | 11:30 | 0 | 2 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 12:00 | 13:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |

Cyclists

| Tit | me | Norti | h Approac | h Raymo | nd St | East | Approacl | n MacArth | nur St | Sou | th Approac | ch Raymon | d St | West | Approac | h MacArti | nur St |
|--------------|------------|-------|-----------|---------|-------|------|----------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

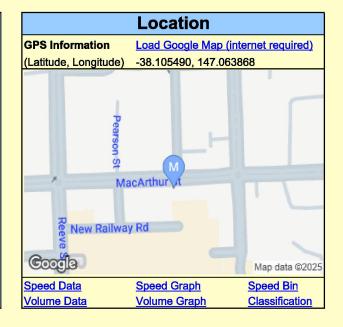
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| AUTOMATIC COUNT SUMMARY | | | | | | | | | | | |
|-------------------------|-------------|---------------|--------------------------|--|--|--|--|--|--|--|--|
| Street Name : | Desailly St | Location : | South of MacArthur St | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | | | |
| Machine ID: | MD12RWSA | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | | | |
| Site ID: | 24118 | Speed Zone : | 50 km/h | | | | | | | | |
| Prepared By : | | Email: | | | | | | | | | |

| GPS information | Lat | 38° 6' 19.76 South | | Direction of Tra | avel |
|--------------------|------|---------------------------|-----------------|------------------|------------|
| | Long | 147° 3' 49.92 East | Both directions | Northbound | Southbound |
| Traffic Volume : | | Weekdays Average | 4,733 | 2,827 | 1,906 |
| (Vehicles/Day) | | 7 Day Average | 4,579 | 2,678 | 1,901 |
| Weekday | AM | 10:00 | 477 | 296 | 181 |
| Peak hour starts | PM | 15:00 | 507 | 334 | 173 |
| Speeds : | | 85th Percentile | 24.1 | 25.0 | 23.3 |
| (Km/Hr) | | Average | 21.2 | 21.6 | 20.7 |
| Classification % : | | Light Vehicles up to 5.5m | 95.7% | 95.5% | 96.0% |





QUALITY ASSURED COMPANY BY ISO 9001:2015
OH&S SYSTEM CERTIFIED TO ISO 4801:2001
ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY trafficsurvey.com.au

Site Desailly St

Direction Both directions

Back to Site Summary Page

| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 d | ays | Wee | kday | Weel | kend |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|---------|-------|---------|-------|---------|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average |
| AM Peak | 10:00 | 10:00 | 10:00 | 11:00 | 10:00 | 11:00 | 11:00 | N/A | 10:00 | N/A | 10:00 | N/A | 11:00 |
| PM Peak | 13:00 | 15:00 | 16:00 | 12:00 | 14:00 | 12:00 | 13:00 | N/A | 15:00 | N/A | 15:00 | N/A | 12:00 |
| 00:00 | 3 | 3 | 0 | 0 | 3 | 4 | 3 | 16 | 2 | 9 | 2 | 7 | 4 |
| 01:00 | 1 | 0 | 0 | 3 | 0 | 3 | 2 | 9 | 1 | 4 | 1 | 5 | 3 |
| 02:00 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 5 | 1 | 5 | 1 | 0 | 0 |
| 03:00 | 4 | 2 | 2 | 3 | 0 | 0 | 0 | 11 | 2 | 11 | 2 | 0 | 0 |
| 04:00 | 12 | 12 | 13 | 13 | 18 | 8 | 2 | 78 | 11 | 68 | 14 | 10 | 5 |
| 05:00 | 27 | 16 | 17 | 22 | 20 | 10 | 9 | 121 | 17 | 102 | 20 | 19 | 10 |
| 06:00 | 67 | 63 | 76 | 83 | 73 | 41 | 29 | 432 | 62 | 362 | 72 | 70 | 35 |
| 07:00 | 102 | 59 | 73 | 81 | 156 | 88 | 47 | 606 | 87 | 471 | 94 | 135 | 68 |
| 08:00 | 224 | 223 | 205 | 197 | 249 | 172 | 101 | 1371 | 196 | 1098 | 220 | 273 | 137 |
| 09:00 | 392 | 292 | 425 | 309 | 386 | 304 | 261 | 2369 | 338 | 1804 | 361 | 565 | 283 |
| 10:00 | 527 | 425 | 511 | 386 | 536 | 526 | 368 | 3279 | 468 | 2385 | 477 | 894 | 447 |
| 11:00 | 411 | 318 | 387 | 429 | 408 | 578 | 456 | 2987 | 427 | 1953 | 391 | 1034 | 517 |
| 12:00 | 372 | 326 | 350 | 460 | 428 | 600 | 438 | 2974 | 425 | 1936 | 387 | 1038 | 519 |
| 13:00 | 472 | 465 | 455 | 422 | 467 | 432 | 456 | 3169 | 453 | 2281 | 456 | 888 | 444 |
| 14:00 | 437 | 431 | 462 | 431 | 560 | 434 | 393 | 3148 | 450 | 2321 | 464 | 827 | 414 |
| 15:00 | 423 | 623 | 520 | 459 | 513 | 386 | 346 | 3270 | 467 | 2538 | 508 | 732 | 366 |
| 16:00 | 441 | 455 | 521 | 402 | 393 | 359 | 327 | 2898 | 414 | 2212 | 442 | 686 | 343 |
| 17:00 | 412 | 297 | 418 | 385 | 294 | 250 | 287 | 2343 | 335 | 1806 | 361 | 537 | 269 |
| 18:00 | 218 | 209 | 177 | 113 | 158 | 180 | 161 | 1216 | 174 | 875 | 175 | 341 | 171 |
| 19:00 | 128 | 187 | 145 | 135 | 172 | 107 | 92 | 966 | 138 | 767 | 153 | 199 | 100 |
| 20:00 | 67 | 69 | 71 | 167 | 155 | 55 | 48 | 632 | 90 | 529 | 106 | 103 | 52 |
| 21:00 | 21 | 50 | 19 | 7 | 69 | 11 | 13 | 190 | 27 | 166 | 33 | 24 | 12 |
| 22:00 | 4 | 1 | 2 | 5 | 0 | 4 | 2 | 18 | 3 | 12 | 2 | 6 | 3 |
| 23:00 | 1 | 6 | 1 | 0 | 1 | 2 | 2 | 13 | 2 | 9 | 2 | 4 | 2 |
| Total | 4768 | 4533 | 4850 | 4513 | 5060 | 4554 | 3843 | 32121 | 4589 | 23724 | 4745 | 8397 | 4199 |
| % Heavy | 3.54% | 5.23% | 4.35% | 4.85% | 5.00% | 3.12% | 3.72% | 4.2 | 8% | 4.5 | 9% | 3.3 | 9% |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| | AUTOMATIC COUNT SUMMARY | | | | | | | | | | | |
|---------------|-------------------------|---------------|--------------------------|--|--|--|--|--|--|--|--|--|
| Street Name : | New Railway Rd | Location : | West of Desailly St | | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | | | | |
| Machine ID: | MD00QXA4 | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | | | | |
| Site ID: | 24116 | Speed Zone : | 50 km/h | | | | | | | | | |
| Prepared By : | | Email: | | | | | | | | | | |

| GPS information | Lat | 38° 6' 22.45 South | | Direction of Trave | el |
|-------------------|------|---------------------------|-----------------|--------------------|-----------|
| | Long | 147° 3' 48.51 East | Both directions | Westbound | Eastbound |
| Traffic Volume : | | Weekdays Average | 270 | 270 | 0 |
| (Vehicles/Day) | | 7 Day Average | 261 | 261 | 0 |
| Weekday | AM | 11:00 | 30 | 30 | 0 |
| Peak hour start | PM | 14:00 | 27 | 27 | 0 |
| Speeds : | | 85th Percentile | 30.2 | 30.2 | N/A |
| (Km/Hr) | | Average | 25.7 | 25.7 | N/A |
| Classification %: | | Light Vehicles up to 5.5m | 87.6% | 87.6% | N/A |

| | Location | |
|----------------------|---------------------|-----------------------|
| GPS Information | Load Google Map | (internet required) |
| (Latitude, Longitude |) -38.106235, 147.0 | 63475 |
| | P | |
| | 2 | |
| | 9 | |
| | St | |
| 1 | MacArthur St | |
| | | III : \ |
| | (M) | |
| ® New Ra | ailway Rd | |
| New Ra | | |
| Pailway Pl 🗭 | | R |
| 1-0 | | Ya . |
| | | Š |
| Georgia 4 | | <u>a</u> |
| Culpus | | Map data ©2025 |
| Speed Data | Speed Graph | Speed Bin |
| Volume Data | Volume Graph | <u>Classification</u> |



QUALITY ASSURED COMPANY BY ISO 9001:2015
OH&S SYSTEM CERTIFIED TO ISO 4801:2001

ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY ** trafficsurvey.com.au

Site New Railway Rd

Back to Site Summary Page Direction Westbound

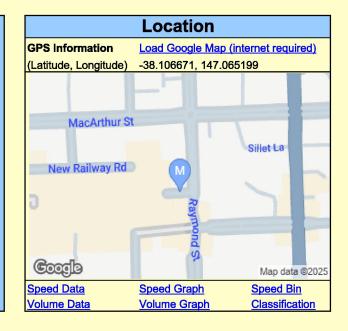
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 days | | Wee | kday | Wee | kend | | |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|-------|---------|-------|---------|--|--|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average | | |
| AM Peak | 10:00 | 11:00 | 11:00 | 10:00 | 10:00 | 11:00 | 11:00 | N/A | 11:00 | N/A | 11:00 | N/A | 11:00 | | |
| PM Peak | 13:00 | 12:00 | 14:00 | 13:00 | 14:00 | 12:00 | 13:00 | N/A | 12:00 | N/A | 14:00 | N/A | 12:00 | | |
| 00:00 | 2 | 1 | 2 | 1 | 1 | 4 | 0 | 11 | 2 | 7 | 1 | 4 | 2 | | |
| 01:00 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 6 | 1 | 5 | 1 | 1 | 1 | | |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | | |
| 03:00 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 0 | 1 | 0 | 2 | 1 | | |
| 04:00 | 2 | 2 | 2 | 3 | 3 | 2 | 0 | 14 | 2 | 12 | 2 | 2 | 1 | | |
| 05:00 | 1 | 0 | 0 | 2 | 3 | 0 | 0 | 6 | 1 | 6 | 1 | 0 | 0 | | |
| 06:00 | 5 | 4 | 3 | 5 | 3 | 2 | 1 | 23 | 3 | 20 | 4 | 3 | 2 | | |
| 07:00 | 4 | 1 | 10 | 5 | 13 | 4 | 3 | 40 | 6 | 33 | 7 | 7 | 4 | | |
| 08:00 | 11 | 12 | 10 | 7 | 17 | 6 | 5 | 68 | 10 | 57 | 11 | 11 | 6 | | |
| 09:00 | 15 | 21 | 11 | 6 | 23 | 16 | 8 | 100 | 14 | 76 | 15 | 24 | 12 | | |
| 10:00 | 29 | 22 | 23 | 26 | 36 | 17 | 16 | 169 | 24 | 136 | 27 | 33 | 17 | | |
| 11:00 | 25 | 44 | 24 | 26 | 31 | 51 | 23 | 224 | 32 | 150 | 30 | 74 | 37 | | |
| 12:00 | 20 | 30 | 22 | 23 | 27 | 36 | 27 | 185 | 26 | 122 | 24 | 63 | 32 | | |
| 13:00 | 29 | 23 | 12 | 27 | 15 | 30 | 34 | 170 | 24 | 106 | 21 | 64 | 32 | | |
| 14:00 | 24 | 27 | 32 | 19 | 35 | 24 | 21 | 182 | 26 | 137 | 27 | 45 | 23 | | |
| 15:00 | 26 | 25 | 18 | 19 | 24 | 25 | 16 | 153 | 22 | 112 | 22 | 41 | 21 | | |
| 16:00 | 24 | 15 | 26 | 8 | 26 | 21 | 20 | 140 | 20 | 99 | 20 | 41 | 21 | | |
| 17:00 | 17 | 29 | 28 | 13 | 28 | 10 | 18 | 143 | 20 | 115 | 23 | 28 | 14 | | |
| 18:00 | 12 | 12 | 14 | 8 | 17 | 10 | 10 | 83 | 12 | 63 | 13 | 20 | 10 | | |
| 19:00 | 1 | 4 | 11 | 10 | 8 | 10 | 3 | 47 | 7 | 34 | 7 | 13 | 7 | | |
| 20:00 | 4 | 4 | 6 | 7 | 7 | 15 | 3 | 46 | 7 | 28 | 6 | 18 | 9 | | |
| 21:00 | 7 | 9 | 3 | 5 | 12 | 2 | 1 | 39 | 6 | 36 | 7 | 3 | 2 | | |
| 22:00 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 4 | 1 | 1 | 0 | 3 | 2 | | |
| 23:00 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 4 | 1 | 3 | 1 | 1 | 1 | | |
| Total | 260 | 289 | 259 | 222 | 330 | 290 | 211 | 1861 266 | | 1360 | 272 | 501 | 251 | | |
| % Heavy | 14.23% | 9.34% | 12.36% | 16.22% | 14.85% | 10.00% | 8.06% | 12.20% | | 13.3 | 31% | 9.18% | | | |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| | AUTOMATIC COUNT SUMMARY | | | | | | | | | | |
|---------------|-------------------------|---------------|--------------------------|--|--|--|--|--|--|--|--|
| Street Name : | New Railway Rd | Location : | West of Raymond St | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | | | |
| Machine ID: | CX20WTP7/P | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | | | |
| Site ID: | 24117 | Speed Zone : | 20 km/h | | | | | | | | |
| Prepared By : | | Fmail: | | | | | | | | | |

| Lat | 38° 6' 24.02 South | Direction of Travel | | | | | | | | | |
|------|---------------------------|--|--|--|--|--|--|--|--|--|--|
| Long | 147° 3' 54.72 East | Both directions | Westbound | Eastbound | | | | | | | |
| | Weekdays Average | 777 | 777 | 0 | | | | | | | |
| | 7 Day Average | 747 | 747 | 0 | | | | | | | |
| AM | 11:00 | 79 | 79 | 0 | | | | | | | |
| PM | 15:00 | 77 | 77 | 0 | | | | | | | |
| | 85th Percentile | 17.3 | 17.3 | N/A | | | | | | | |
| | Average | 14.8 | 14.8 | N/A | | | | | | | |
| | Light Vehicles up to 5.5m | 97.6% | 97.6% | N/A | | | | | | | |
| | Long | Long 147° 3' 54.72 East Weekdays Average 7 Day Average AM 11:00 PM 15:00 85th Percentile Average | Long 147° 3′ 54.72 East Both directions Weekdays Average 777 7 Day Average 747 AM 11:00 79 PM 15:00 77 85th Percentile 17.3 Average 14.8 | Long 147° 3′ 54.72 East Both directions Westbound Meekdays Average 777 777 7 Day Average 747 747 AM 11:00 79 79 PM 15:00 77 77 85th Percentile 17.3 17.3 Average 14.8 14.8 | | | | | | | |





QUALITY ASSURED COMPANY BY ISO 9001:2015 OH&S SYSTEM CERTIFIED TO ISO 4801:2001

ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY ** trafficsurvey.com.au

New Railway Rd Site

Back to Site Summary Page **Direction** Westbound

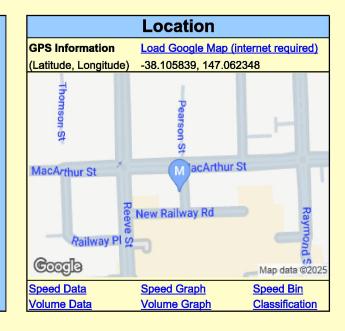
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 days | | Wee | kday | Wee | kend | |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|-------|---------|-------|---------|--|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average | |
| AM Peak | 11:00 | 11:00 | 10:00 | 10:00 | 11:00 | 11:00 | 11:00 | N/A | 11:00 | N/A | 11:00 | N/A | 11:00 | |
| PM Peak | 12:00 | 15:00 | 15:00 | 13:00 | 15:00 | 12:00 | 12:00 | N/A | 12:00 | N/A | 15:00 | N/A | 12:00 | |
| 00:00 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | |
| 01:00 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 5 | 1 | 3 | 1 | 2 | 1 | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 03:00 | 1 | 1 | 0 | 3 | 0 | 2 | 2 | 9 | 1 | 5 | 1 | 4 | 2 | |
| 04:00 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 10 | 1 | 8 | 2 | 2 | 1 | |
| 05:00 | 3 | 3 | 2 | 2 | 0 | 2 | 2 | 14 | 2 | 10 | 2 | 4 | 2 | |
| 06:00 | 4 | 4 | 13 | 8 | 17 | 10 | 6 | 62 | 9 | 46 | 9 | 16 | 8 | |
| 07:00 | 12 | 17 | 24 | 18 | 19 | 10 | 6 | 106 | 15 | 90 | 18 | 16 | 8 | |
| 08:00 | 34 | 32 | 43 | 32 | 46 | 26 | 26 | 239 | 34 | 187 | 37 | 52 | 26 | |
| 09:00 | 47 | 64 | 47 | 64 | 61 | 70 | 31 | 384 | 55 | 283 | 57 | 101 | 51 | |
| 10:00 | 73 | 66 | 87 | 80 | 79 | 99 | 64 | 548 | 78 | 385 | 77 | 163 | 82 | |
| 11:00 | 78 | 82 | 67 | 80 | 88 | 116 | 72 | 583 | 83 | 395 | 79 | 188 | 94 | |
| 12:00 | 76 | 72 | 73 | 74 | 71 | 87 | 76 | 529 | 76 | 366 | 73 | 163 | 82 | |
| 13:00 | 74 | 66 | 57 | 75 | 70 | 71 | 59 | 472 | 67 | 342 | 68 | 130 | 65 | |
| 14:00 | 66 | 69 | 68 | 65 | 74 | 61 | 51 | 454 | 65 | 342 | 68 | 112 | 56 | |
| 15:00 | 75 | 76 | 83 | 65 | 84 | 62 | 62 | 507 | 72 | 383 | 77 | 124 | 62 | |
| 16:00 | 64 | 69 | 76 | 68 | 73 | 44 | 52 | 446 | 64 | 350 | 70 | 96 | 48 | |
| 17:00 | 63 | 60 | 63 | 55 | 65 | 31 | 49 | 386 | 55 | 306 | 61 | 80 | 40 | |
| 18:00 | 33 | 27 | 39 | 40 | 38 | 32 | 18 | 227 | 32 | 177 | 35 | 50 | 25 | |
| 19:00 | 20 | 27 | 23 | 28 | 22 | 11 | 14 | 145 | 21 | 120 | 24 | 25 | 13 | |
| 20:00 | 11 | 17 | 12 | 14 | 12 | 10 | 7 | 83 | 12 | 66 | 13 | 17 | 9 | |
| 21:00 | 4 | 3 | 2 | 5 | 4 | 0 | 2 | 20 | 3 | 18 | 4 | 2 | 1 | |
| 22:00 | 0 | 1 | 1 | 1 | 0 | 2 | 1 | 6 | 1 | 3 | 1 | 3 | 2 | |
| 23:00 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 1 | 1 | |
| Total | 743 | 757 | 783 | 780 | 825 | 750 | 601 | 5239 748 | | 3888 | 778 | 1351 | 676 | |
| % Heavy | 3.63% | 2.38% | 1.66% | 3.46% | 2.55% | 1.87% | 1.16% | 2.42% | | 2.7 | 3% | 1.55% | | |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| | AUTOMATIC COUNT SUMMARY | | | | | | | | | | | |
|---------------|-------------------------|---------------|--------------------------|--|--|--|--|--|--|--|--|--|
| Street Name : | Pearson St | Location : | South of MacArthur St | | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | | | | |
| Machine ID: | MD629P9C | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | | | | |
| Site ID: | 24119 | Speed Zone : | 50 km/h | | | | | | | | | |
| Prepared By : | | Email: | | | | | | | | | | |

| GPS information | Lat | 38° 6' 21.02 South | | Direction of Tra | avel |
|--------------------|------|---------------------------|-----------------|------------------|------------|
| | Long | 147° 3' 44.45 East | Both directions | Northbound | Southbound |
| Traffic Volume : | | Weekdays Average | 391 | 176 | 215 |
| (Vehicles/Day) | | 7 Day Average | 328 | 148 | 180 |
| Weekday | AM | 10:00 | 41 | 22 | 19 |
| Peak hour starts | PM | 14:00 | 37 | 18 | 19 |
| Speeds : | | 85th Percentile | 28.3 | 27.3 | 29.6 |
| (Km/Hr) | | Average | 24.1 | 23.2 | 25.2 |
| Classification % : | | Light Vehicles up to 5.5m | 84.3% | 84.9% | 83.8% |





QUALITY ASSURED COMPANY BY ISO 9001:2015
OH&S SYSTEM CERTIFIED TO ISO 4801:2001
ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY ** trafficsurvey.com.au

Site Pearson St

Direction Both directions

Back to Site Summary Page

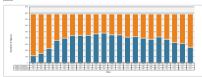
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 days | | Wee | kday | Wee | kend | | |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|-------|---------|--------|---------|--|--|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average | | |
| AM Peak | 10:00 | 08:00 | 09:00 | 08:00 | 10:00 | 11:00 | 10:00 | N/A | 10:00 | N/A | 10:00 | N/A | 11:00 | | |
| PM Peak | 13:00 | 13:00 | 14:00 | 12:00 | 14:00 | 12:00 | 16:00 | N/A | 14:00 | N/A | 14:00 | N/A | 12:00 | | |
| 00:00 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 4 | 1 | 2 | 0 | 2 | 1 | | |
| 01:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 4 | 1 | 2 | 0 | 2 | 1 | | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 03:00 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 3 | 0 | 2 | 0 | 1 | 1 | | |
| 04:00 | 6 | 2 | 5 | 5 | 10 | 4 | 1 | 33 | 5 | 28 | 6 | 5 | 3 | | |
| 05:00 | 2 | 4 | 7 | 5 | 4 | 9 | 6 | 37 | 5 | 22 | 4 | 15 | 8 | | |
| 06:00 | 10 | 12 | 10 | 16 | 12 | 7 | 6 | 73 | 10 | 60 | 12 | 13 | 7 | | |
| 07:00 | 9 | 1 | 2 | 6 | 11 | 9 | 0 | 38 | 5 | 29 | 6 | 9 | 5 | | |
| 08:00 | 33 | 39 | 39 | 35 | 32 | 15 | 13 | 206 | 29 | 178 | 36 | 28 | 14 | | |
| 09:00 | 41 | 28 | 51 | 26 | 34 | 17 | 7 | 204 | 29 | 180 | 36 | 24 | 12 | | |
| 10:00 | 47 | 32 | 46 | 31 | 53 | 13 | 14 | 236 | 34 | 209 | 42 | 27 | 14 | | |
| 11:00 | 34 | 30 | 47 | 35 | 38 | 32 | 9 | 225 | 32 | 184 | 37 | 41 | 21 | | |
| 12:00 | 27 | 28 | 38 | 38 | 35 | 17 | 10 | 193 | 28 | 166 | 33 | 27 | 14 | | |
| 13:00 | 40 | 43 | 34 | 37 | 30 | 15 | 12 | 211 | 30 | 184 | 37 | 27 | 14 | | |
| 14:00 | 35 | 36 | 47 | 29 | 44 | 9 | 14 | 214 | 31 | 191 | 38 | 23 | 12 | | |
| 15:00 | 22 | 42 | 37 | 30 | 36 | 4 | 12 | 183 | 26 | 167 | 33 | 16 | 8 | | |
| 16:00 | 35 | 29 | 36 | 31 | 28 | 2 | 20 | 181 | 26 | 159 | 32 | 22 | 11 | | |
| 17:00 | 25 | 15 | 21 | 16 | 15 | 8 | 11 | 111 | 16 | 92 | 18 | 19 | 10 | | |
| 18:00 | 20 | 24 | 12 | 7 | 11 | 5 | 3 | 82 | 12 | 74 | 15 | 8 | 4 | | |
| 19:00 | 12 | 14 | 9 | 8 | 12 | 3 | 6 | 64 | 9 | 55 | 11 | 9 | 5 | | |
| 20:00 | 2 | 1 | 2 | 5 | 8 | 0 | 0 | 18 | 3 | 18 | 4 | 0 | 0 | | |
| 21:00 | 4 | 4 | 3 | 1 | 6 | 3 | 7 | 28 | 4 | 18 | 4 | 10 | 5 | | |
| 22:00 | 0 | 2 | 0 | 4 | 0 | 2 | 0 | 8 | 1 | 6 | 1 | 2 | 1 | | |
| 23:00 | 1 | 7 | 0 | 0 | 2 | 0 | 0 | 10 | 1 | 10 | 2 | 0 | 0 | | |
| Total | 407 | 395 | 446 | 367 | 421 | 176 | 154 | 2366 338 | | 2036 | 407 | 330 | 165 | | |
| % Heavy | 15.48% | 16.71% | 14.13% | 18.26% | 15.91% | 17.05% | 16.23% | 16.10% | | 16. | 01% | 16.67% | | | |





TRANS TRAFFIC SURVEY Paring Occupancy Survey Description of the Company of the C

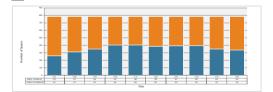
| Patri | | | | | | | | | | | | | | | | P | arkin | g Occ | upano | су | | | | | | | _ | П |
|-----------------|---------|-----------------------------|--------------------------------|-------|---|-----------|----------|-----|-----|-----|-----|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| Parking (10) | Map Ref | Street | Section | Side | Restriction | Clear Way | Capacity | 998 | 959 | 996 | 926 | 18.00 | 16.30 | 11.00 | 1130 | 12.00 | 12.80 | 13.66 | 13.86 | 14.00 | 14.8 | 19.00 | 18.80 | 16.00 | 16.30 | 17.00 | 17.80 | 18.00 |
| - 1 | | MAANU S | Reeve 31 to Peaston 31 | North | Unredicted | | 7 | 2 | 8 | 8 | 4 | 8 | 4 | 6 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | | 0 | 0 | a | a |
| 1 | | | | South | Unesticat | | | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 0 | a | 1 | 1 | 2 | 2 | 1 |
| 1 | | | Pearson St to Desaity St | No th | Unesticat | | 11 | 4 | 4 | 4 | 3 | 8 | 8 | 6 | 4 | | 1 | 8 | 4 | | | 4 | 4 | 2 | 2 | 2 | 2 | 1 |
| 1 | | | | 1000 | Unesticat | | 12 | 3 | 7 | T | | | | 10 | | | 1 | 9 | | | 1 | 7 | 7 | | | | 2 | 1 |
| - 1 | | | | Bouth | Unedicted | | 10 | 3 | 8 | 8 | 8 | | | 6 | 8 | | | 6 | 4 | 7 | | 6 | | 3 | 2 | 3 | 2 | a |
| 1 | | | Desaily St to Raymond St | North | 2P New Spin Man-Fil, New Spin Stat | | 9 | 2 | 2 | 8 | 4 | 4 | 4 | 3 | 8 | | 8 | 4 | 4 | 3. | 3 | 6 | 2 | 3 | 2 | 0 | 3 | 3 |
| 1 | | | | 1000 | 2P have 4pm blan-Fil, base-type Stat | | 22 | 7 | 11 | 11 | 11 | 13 | 13 | 12 | 11 | 14 | 15 | 11 | 11 | 11 | 13 | 12 | 14 | 12 | 11 | 11 | 4 | 4 |
| 1 | | | | South | 2P have 4pm blan-Fil, base-type Stat | | 10 | 0 | 0 | 2 | 4 | 4 | | 4 | 2 | 4 | 1 | 4 | | | | 6 | | 3 | 3 | 4 | 3 | 4 |
| 1 | | Peason SI | Cur De Sac is MacAlliur St | Medi | Uninchicated | | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 |
| 1 | | | | East | Unindicated | | 16 | 0 | 0 | 0 | a | 1 | 1 | 1 | 1 | 1 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | a |
| 1 | | | MacArthur St to New Railway Rd | Med | 29 | | 17 | 1 | 4 | T | | 9 | 9 | 10 | 10 | | 9 | 9 | | | 1 | 9 | 7 | 10 | 9 | | 3 | 2 |
| 1 | | | | fact | Uninchicated | | 16 | 3. | 3 | 4 | 4 | 4 | 8 | 6 | 4 | 7 | 6 | 6 | 4 | 1 | 8 | 8 | 4 | 4 | 4 | 3 | 3 | 2 |
| 1 | | Desailly St | Stavel St to MacArthur St | Medi | Unesticated | | 13 | 0 | 1 | 2 | 2 | 3 | 2 | 2 | ~ | 2 | 1 | 3 | 2 | 2 | N | 10 | 2 | N | 2 | 0 | a | |
| 0 | | | | | No Stopping | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ø | 0 | 0 | 0 | | 0 |
| 1 | | | | East | Unindicated | | 16 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 8 | 3 |
| 0 | | | | | No Stopping | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ū | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | а | 0 |
| 1 | CP1 | | | | P At Day Passing Area | | 169 | 25 | 26 | 41 | 85 | 53. | 49 | 63 | | 64 | 85 | 61 | 83 | 59 | 2 | 9 | 47 | 4 | 33 | 31 | 211 | × |
| 1 | CP2 | | | | 2P New Opin Man-Fil, New Opin Set | | 113 | | 13 | 28 | 38 | 61 | 76 | 73 | 8 | 87 | 146 | 84 | 64 | 72 | 2 | 3 | n | 16 | 94 | 68 | 55 | 29 |
| 1 | | | | | 2P Deabled City Nam-Spin Mon-Fri, Nam-Spin Stat | | 2 | 0 | 0 | 0 | a | 0 | 0 | 0 | | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | |
| 1 | | | | | 3P Nav-Spn Man-Fil, Nav-Spn Sat | | 41 | 1 | | 14 | 35 | 28. | 35 | 31 | M | 26 | 27 | 25 | 216 | 19 | 26 | 36 | 28 | Ħ | 36 | 27 | 24 | 24 |
| 1 | | | | | 3P Disabled Only Sam-Spin Mon-Fri, Sam-Spin Stat | | 2 | 0 | 0 | 0 | a | 0 | 0 | 0 | | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | a |
| 1 | | | | | 3P Parents with Prame Sam-tipe Man-Fit, Sam-tiper Sat | | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | ~ | 1 | 0 | 0 | | 0 | 0 | 0 | a | 0 | 0 | 0 | a | a |
| - 1 | | | | | Weatherthe Direct to Boot | | 4 | 0 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 3 | 1 | 2 | 3 | 1 | 1 | 2 | 1 | 1 |
| 1 | | | | | P 15mins transpm Mon-Fri, transpm Sat | | 12 | | | | | 7 | 10 | 11 | 12 | 11 | 12 | 10 | 7 | | 10 | 11 | 12 | | | 7 | 11 | |
| 1 | | | | | Loading Zone | | 1 | 0 | 0 | 0 | a | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | a | | 0 | 0 | a | a |
| 1 | CPS | | | | 2P Nam-Spin Man-Fil, Nam-Spin Stat | | 27 | 2 | | 12 | 10 | 18 | 23 | 24 | 24 | 25 | п | 23 | 25 | 26 | 25 | 16 | 24 | 21 | 17 | 16 | 14 | 13 |
| - 1 | | | | | 2P Nam-Spin Man-Fil, Nam-Spin Sax | | 209 | 38 | 63 | ** | 141 | 194 | 165 | 196 | 166 | 175 | 172 | 168 | 180 | 180 | 143 | 139 | 126 | 145 | 137 | 129 | 166 | 125 |
| - 1 | | | | | P Disabled Only | | 7 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 0 |
| 1 | | | | | 2P Parents with Prams Sam-Spri Mun-Fri, Sam-Spri Sat | | 4 | 2 | 2 | 3 | 3 | 3. | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 1 | 2 | 2 |
| 1 | | | | L | 2P Nameton Mon-Fit, Nam-ton Sat Missocycle Parking | | 2 | 0 | 0 | 0 | • | 0 | 0 | 0 | | 0 | 6 | 0 | ø | 0 | 0 | 0 | ø | 0 | 0 | 0 | | 0 |
| 1 | | | | L | 2P Received Harvey Norman | | | 0 | 0 | 3 | | 6 | 6 | 7 | | * | | 7 | | | 7 | | 8 | 7 | | 4 | 3 | 1 |
| - 1 | | | | L | 2P Disabled Only Reserved Harvey Norman | | 1 | 0 | 1 | 1 | 1 | 1 | 1 | , | , | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | = | 0 | - | - | a |
| | | CAPACITY | | | | | | 785 | 785 | 785 | 795 | | 785 | 785 | 795 | 785 | 785 | 785 | 785 | 785 | | 785 | 795 | 785 | | | | 785 |
| | | OCCUPANCES | | | | | | 115 | 154 | 231 | 358 | | 438 | 441 | 460 | 468 | Ę | 451 | 468 | 412 | 421 | 296 | 279 | 454 | 279 | 329 | 310 | 251 |
| | PUBLIC | VACANCIES | | | | | | 629 | 631 | 554 | 2 | 289 | 347 | 366 | 365 | 317 | 307 | 234 | 227 | 273 | 264 | 233 | 406 | 271 | 406 | CS4 | es | 534 |
| | PUBLIC | % OCCUPANCIES | | | | | | 15% | 20% | 29% | 66% | 50% | 54% | 56% | Seni | 60% | 61% | 57% | 57% | 52% | 54% | Son | 48% | 53% | 48% | 42% | 29% | 32% |
| | | not available for public pa | king | | | | | | | | | | | | | | | | | | | | | | | | | |



(Update) Parking MacArthur Street, Sale

| | Occupancy Survey |
|-------|-------------------------|
| dass: | Saturday, 9 August 2005 |
| | |

| Public | MacAnhur St. MacAnhur St. Pearson St. | Section Review St to Pearson St Pearson St to Desailly St Cessilly St to Raymond St | North South North Middle South | Restriction Unrestricted Unrestricted Unrestricted Unrestricted | Clear Way | Capacity 7 8 | 0 0 8/30 | 0 1000 | 0 1030 | 0011 | 0 1130 | 0 1200 | 0221 0 | 0 1300 | ν 1330 | 1450 |
|---------------------------------------|---|--|--|---|-----------|--------------------|----------|--------|--------|------|--------|--------|--------|--------|--------|------|
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | Pearson St to Denailly St | South North Middle South | Unrestricted Unrestricted | | | | | 0 | ٥ | ٥ | 0 | ٥ | ٥ | 2 | 2 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearson St | | North Middle South | Unrestricted | | | | | | | | | | | | 1 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearson St | | Middle | | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearation St. | Desailly St to Raymond St | South | | | 11 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | а | 3 | 3 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearson St | Denailty St to Raymond St | | Unvesticed | | 12 | 4 | 4 | ø | 6 | 7 | 7 | 6 | 5 | 4 | 4 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearson St | Detailly St to Raymond St | | Unrestricted | | 10 | а | 3 | а | 5 | 5 | 3 | 3 | 5 | 5 | 3 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearage St | | North | 2P Sam-Spm Mon-Fri, Sam-1pm Sat | | 9 | 0 | 0 | 0 | 1 | 2 | 5 | ٥ | 2 | 3 | 2 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearson St | | Mdde | 2P 9am-6pm Mon-Fri, 9am-1pm Sat | | 22 | 5 | 6 | 10 | 9 | 11 | 9 | 7 | 5 | 5 | 4 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pearson St | | South | 2P 9am-6pm Mon-Fri, 9am-1pm Sat | | 10 | 4 | 2 | 6 | 7 | 7 | 7 | 4 | 1 | 2 | 2 |
| 1 1 1 0 1 1 0 1 1 CP1 1 CP2 1 1 CP2 | | Cul-De-Sac to MacArthur St | West | Unrestricted | | 13 | 0 | ٥ | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 1 0 1 0 1 CP1 1 CP2 1 1 | | | East | Unrestricted | | 16 | 0 | 0 | 0 | 0 | ٥ | 1 | ٥ | 0 | 0 | 0 |
| 1 0 1 0 1 1 CP1 1 CP2 1 1 1 CP2 | | MacArthur St to New Railway Rd | West | 2P | | 17 | 0 | ٥ | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 2 |
| 0 1 0 1 CP1 1 CP2 1 1 | | | East | Unrestricted | | 16 | 5 | 4 | 3 | 5 | 4 | 4 | 5 | 4 | 4 | 4 |
| 1 0 1 CP1 1 CP2 1 1 1 | Detailly St | Stawell St to MacArthur St | West | Unrestricted | | 13 | 0 | ٥ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 1 CP1 1 CP2 1 1 | | | | No Sropping | | - 1 | 0 | ٥ | 0 | ٥ | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 CP1 1 CP2 1 | | | East | Unrestricted | | 16 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1 CP2 | | | | No Stopping | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | н | | | P All Day Parking Area | | 169 | 31 | 40 | 27 | 29 | 27 | 41 | 44 | 20 | 37 | 36 |
| 1 | 72 | | | 2P 9am-6pm Mon-Fri, 9am-5pm Sat | | 113 | 37 | 42 | 74 | 79 | 91 | 67 | 71 | 79 | 65 | 60 |
| _ | | | | 2P Disabled Only Sam-Spm Mon-Fri, Sam-Spm Sat | | 2 | 0 | 0 | 1 | 1 | 1 | 0 | ٥ | 1 | 1 | 0 |
| 1 | | | | 3P 9am-6pm Mon-Fri, 9am-5pm Sat | | 41 | 16 | 23 | 23 | 28 | 23 | 29 | 23 | 20 | 21 | 20 |
| | | | | 3P Disabled Only Sam-Spm Mon-Fri, Sam-Spm Sat | | 2 | 0 | ٥ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | | | | 3P Parents with Prams Sam-Spm Mon-Fri, Sam-Spm Sat | | 2 | 1 | 0 | 0 | ٥ | ٥ | 0 | ٥ | ٥ | 0 | 0 |
| 1 | | | | Woolworths Direct to Boot | | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 1 |
| 1 | | | | P 15mins 9am-6pm Mon-Fri, 9am-5pm Sat | | 12 | 5 | 5 | 9 | 9 | 7 | 11 | 11 | 11 | 10 | 7 |
| 1 | | | | Loading Zone | | - 1 | 0 | ٥ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 CP3 | 23 | | | 2P Sam-6pm Mon-Fri, Sam-1pm Sat | | 27 | 10 | 17 | 19 | 21 | 19 | 14 | 25 | 21 | 16 | 15 |
| 1 | | | | 2P 9am-6pm Mon-Fri, 9am-5pm Sat | | 209 | 127 | 150 | 142 | 176 | 190 | 170 | 177 | 173 | 160 | 153 |
| 1 | | | | P Disabled Only | | 7 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 2 | 0 |
| 1 | | | | 2P Parents with Prams Sam-Spm Mon-Fri, Sam-Spm Sat | | 4 | 3 | 3 | 4 | 4 | 2 | а | 3 | а | 3 | 2 |
| 1 | | | | 2P Sam-Spm Mon-Fri, Sam-tom Sat Motorcycle Parking | | 2 | 0 | ٥ | 0 | 0 | ٥ | 0 | 0 | 0 | 0 | 0 |
| 1 | | | | 2P Reserved Harvey Norman | | 9 | 5 | 7 | 7 | 7 | 7 | 6 | 4 | 5 | 5 | 6 |
| 1 | | | | 2P Disabled Only Reserved Harvey Norman | | 1 | 0 | 0 | 0 | ٥ | ٥ | ٥ | ٥ | ٥ | 0 | 0 |
| PUBLI | ILIC CAPACITY | | | | | | 785 | 785 | 785 | 785 | 785 | 705 | 785 | 785 | 785 | 785 |
| PUBLI | ILIC OCCUPANCIES | | | | | | 261 | 313 | 351 | 404 | 405 | 387 | 394 | 335 | 352 | 338 |
| PUBLI | LIC VACANCIES | | | | | | 524 | 472 | 434 | 301 | 380 | 398 | 391 | 390 | 433 | 447 |
| PUBLI | | | | | | | 33% | 40% | 45% | 51% | 52% | 49% | 50% | 50% | 45% | 43% |
| | ILIC % OCCUPANCIES | | | | | | | | | | | | | | | |





Project Number: 2402360 Date: 23 October 2025

Project Name: 38-50 MacArthur Street, Sale

Subject: Addendum Report – Empirical Traffic and Parking Analysis

| 1 | | | | | | | |
|----------|------|----------|--------------------------|--------|--|--------|--|
| To: | | Company: | Wellington Shire Council | Email: | | Phone: | |
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Background

A Development Plan application was submitted to Wellington Shire Council on 22nd August 2025 that proposed development of the existing site of 38-50 MacArthur Street, Sale (currently occupied by Bunnings) to form a supermarket, several retail tenancies (including a restaurant), and a commercial (office) space. A basement carpark is proposed to accommodate parking demand from these uses.

An Initial Traffic Impact Assessment and a Waste Management Plan were produced to accompany the Development Plan application. Council provided initial feedback on these two documents on 15th September 2025. This feedback has been addressed by updated versions of the Initial Traffic Impact Assessment and Waste Management Plan, and the Addendum Traffic Report (this document).

Facts and Matters Relied Upon

In preparing this assessment, Beveridge Williams have referenced the following information and documents:

- RMS Technical Direction 2013/04a.
- RMS Guide to Transport Impact Assessment.
- RMS Bulky Goods Hardware Store (2009) analysis report.
- RMS Restaurant (1981) Data and Analysis report.

Purpose

The purpose of this memo is to evaluate the proposed development from an empirical parking and traffic perspective:

- Undertake an assessment of the existing loading/unloading vehicle movements along the surrounding streets to assess the impact of the project site and understand the capacity of the surrounding road network to cater for the post-development loading/unloading vehicle movements.
- Undertake empirical traffic analysis to understand the impact of the project site on the surrounding road network and intersections.

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 Undertake a car parking demand assessment of the on-street and off-street parking provisions in the close vicinity of the project site and provide its findings.

Memo Structure

This memo will assess the project site from a traffic, parking and loading capacity perspective. A broad outline of the memo structure is provided below:

- Loading/Unloading Movement Analysis
- Traffic Analysis
- Parking Analysis
- Online Collection Point Analysis

Loading/Unloading Movement Analysis

An analysis of the existing movements of small, medium and large trucks along the roads surrounding the project site is presented below and in Figure 1.

- The majority of existing truck movements are small trucks.
- Almost all truck movements occur between 7am and 5pm.
- Overall truck movements along New Railway Road (west of Raymond Street and west of Desailly Street) are low with an average peak hour weekday traffic of less than 5 vehicles per hour.
- Truck movements are highest along Desailly Street. These truck movements would likely be associated with the existing Bunnings use as well as the land uses surrounding the adjacent off-street carpark.

It is estimated that up to five (5) 19m semi movements and fifteen (15) 12.5m Heavy Rigid Vehicle (HRV) movements would occur each day for the supermarket. As these movements are expected to occur throughout the entirety of the day (24/7 – 24-hour access is sought to the store), this would represent an increase of 1-2 heavy vehicles per hour along Desailly Street attributable to the supermarket. The 19m semi deliveries will generally be scheduled early in the morning, outside of morning peak hour and in two-hour delivery windows with slack to allow for delays in loading/unloading and traffic congestion.

The following delivery vehicle movements are estimated for the retail tenancies between 7am and 5pm:

- 3 delivery vehicles per retail tenancy per day (up to 1 Medium Rigid Vehicle (MRVs) and 2 light vehicles)
 - o 18 delivery vehicles in total for the retail tenancies per day (up to 6 MRVs and 12 light vehicles)
- 4 delivery vehicles for the restaurant per day (up to 1 MRV and 3 light vehicles)
- 2 delivery vehicles for the office per day (up to 2 light vehicles)
 - Outside of waste pickup, the office use would generate negligible heavy vehicle movements.

Based on the above, the following maximum increases (i.e. not considering the reductions due to Bunnings traffic) could be expected along the streets adjacent to the subject site between 7am and 5pm:

- Desailly Street
 - 24 delivery vehicles per day (up to 7 MRVs and 17 light vehicles)
 - o 2 delivery vehicles per hour (1 vehicle every 25 minutes) between 7am and 5pm
- New Railway Road
 - 22 delivery vehicles per day (up to 7 MRVs and 15 light vehicles) between 7am and 5pm
 - o 2 delivery vehicles per hour (1 vehicle every 27 minutes)



- Pearson Street
 - o 42 delivery vehicles per day (up to 5 19m semis, 15 HRVs, 7 MRVs and 15 light vehicles)
 - 4 delivery vehicles per hour (1 vehicle every 14 minutes)
 - 3 heavy vehicles per hour (1 vehicle every 22 minutes)

It is noted that the above is considered to be a conservative estimate and that the above volumes will be offset by the reduction in the delivery vehicle movements associated with the relocation of the Bunnings site.

Post development, this would result in peak delivery vehicle movements of 6 (1 vehicle every 10 minutes) and 13 (approximately 1 delivery vehicle every 5 minutes) heavy vehicle movements per hour along New Railway Road and Pearson Street respectively. Desailly Street would experience a slight increase of 2 truck movements per hour, approximately a 6% increase, not accounting for the reduction in delivery traffic associated with the relocation of the Bunnings. This is considered to be appropriate from a traffic perspective.

Based on the above, the proposed loading/unloading arrangements along New Railway Road and Pearson Street for the retail and commercial vehicles are considered appropriate.

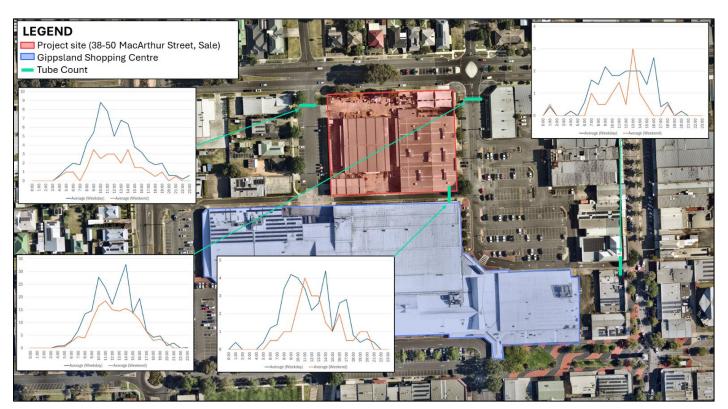


Figure 1: Existing Average Heavy Vehicle Movements along the surrounding roads

Traffic Modelling Approach

General

The following intersections have been modelled in SIDRA as part of the traffic assessment to understand the traffic impact of the project site on the surrounding road network:

MacArthur Street / Raymond Street intersection (existing)



- MacArthur Street / Desailly Street intersection (existing)
- MacArthur Street / Pearson Street intersection (existing)
- Desailly Street / New Railway Road intersection (existing)
- Desailly Street / Basement Carpark intersection (proposed)

A 10-year period has been contemplated to assess the future, post-development performance of the existing road network to accommodate the anticipated traffic movements from the proposed development.

Therefore, the traffic assessment presented in the following sections will consider the following traffic conditions:

- Existing traffic conditions (traffic survey data)
 - Includes existing Bunnings traffic
- Existing traffic conditions @ 10 years
 - Includes existing Bunnings traffic; and
 - Network traffic (modelled using an annual 1.5% compound growth rate along MacArthur Street and Raymond Street).
- Post-development traffic conditions @ 10 years
 - o Includes Project site traffic (supermarket, retail, commercial) minus existing Bunnings traffic.
 - Network traffic (modelled using an annual 1.5% compound growth rate along MacArthur Street and Raymond Street).

SIDRA Intersection Traffic Modelling Software Package

To assess the different traffic conditions and intersections outlined in this memo, SIDRA Intersection software has been utilised. The SIDRA Intersection software package has been developed to assess intersection operation / performance by providing information on the capacity of an intersection with regard to a number of parameters. The key parameters which are considered relevant are as follows:

- Degree of Saturation (DoS)
 - The DoS represents the ratio of the traffic volume making a particular movement compared to the maximum capacity for that particular movement. As a general rule, the value of the DoS has a corresponding rating depending on the ratio as shown below in Table 1:

| Degree of Saturation | Level of Service |
|----------------------|------------------|
| Up to 0.60 | Excellent |
| 0.61 – 0.70 | Very Good |
| 0.71 – 0.80 | Good |
| 0.81 – 0.90 | Fair |
| 0.91 – 1.00 | Poor |
| Above 1.00 | Very Poor |

Table 1: Value of DoS and Level of Service

- It is noted that whilst the range of 0.91 1.00 is rated as 'poor', it is acceptable for some critical movements at an intersection to be operating within this range during high peak periods, reflecting actual conditions in a significant number of suburban signalised intersections.
- Average Delay (seconds)
 - Average delay is the time delay that can be expected for all vehicles undertaking a particular movement in seconds during the peak hour.



- 95th Percentile (95%ile) Queue
 - 95%ile queue represents the maximum queue length in metres that can be expected in 95% of observed queue lengths in the peak hour.

It is noted the Department of Transport and Planning (DTP) outlines the target maximum degree of saturation (DoS) of the critical movement as follows:

- At signalised intersections,
 - o 0.9 (desirable)
 - o 0.95 (maximum)
- At unsignalised intersections,
 - o 0.80 (desirable)
 - 0.85 (maximum)

AustRoads GTM Part 3 outlines practical degree of saturations for signals (0.9), roundabouts (0.85) and unsignalised intersections (0.8). From AustRoads, the practical DOS (equatable to DTP's 'desirable' DOS) for a roundabout is 0.85 and DTP guidelines outline the maximum DOS can be 0.05 higher than the desired. Therefore, for the purposes of this assessment, the maximum DOS for a roundabout is 0.9.

However, it is noted that within Victoria it is not uncommon for intersections (including roundabouts) to exceed a degree of saturation of 1.0 during AM and PM peak periods.

Existing Traffic Conditions

The following intersections were surveyed on Thursday 7th August 2025 from 8:00am to 6:00pm and Saturday 9th August 2025 from 9:30am to 2:00pm.

- MacArthur Street / Raymond Street intersection,
- MacArthur Street / Desailly Street intersection,
- MacArthur Street / Pearson Street intersection, and
- Desailly Street / New Railway Road intersection.

Figure 2 shows the AM and PM vehicle movements for the anticipated future site peak hour timing, 8:00am to 9:00am and 5:00pm to 6:00pm on Thursday 7th August.



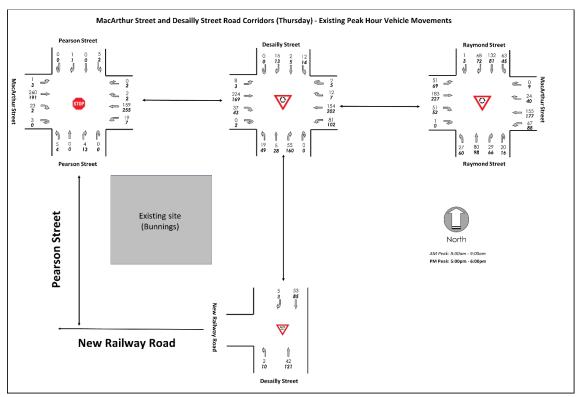


Figure 2: Existing Turning Movement Counts (Thursday) – MacArthur & Desailly Street corridor

Figure 3 shows the peak hour vehicle movements for 11:00am to 12:00pm on Saturday 9th August.

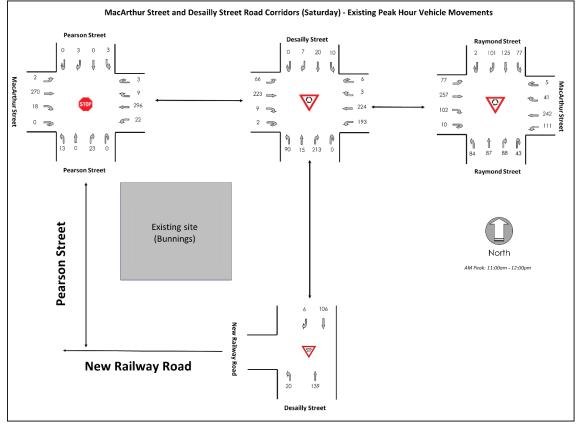


Figure 3: Existing Turning Movement Counts (Saturday) – MacArthur & Desailly Street corridor



The SIDRA Intersection performance results for MacArthur Street / Raymond Street (Table 2), MacArthur Street / Desailly Street (Table 3), MacArthur Street / Pearson Street (Table 4), and Desailly Street / New Railway Road (Table 5) intersections are presented below. The following comments are in relation to the intersection performance results, which are presented below, of the above intersections.

- All intersections are anticipated to operate under 'Excellent' Level of Service for the existing conditions with minimal delays and queues.
- All DoS values are below DTP's desirable degree of saturation for unsignalised intersections and roundabouts.
- The highest DoS value (0.440) is experienced for the east leg (MacArthur Street) of the Raymond Street / MacArthur Street intersection (generally the critical intersection).
- From a network perspective, Saturday peak hour is considered to be more critical than the Thursday AM and PM peak hours.
- The longest average delay (14.6s) is recorded on the south approach (Pearson Street) of the MacArthur Street / Pearson Street intersection during the Saturday peak period.
- The longest 95th percentile queue (22.2m) is recorded on the west approach (MacArthur Street) of the MacArthur Street / Raymond Street intersection during the Saturday peak period.
- The below performance results are considered to be acceptable for unsignalised intersections and roundabouts.

| Degree of Saturation (DoS) | | Average Delay (s) | 95 th percentile Queue Length (m) |
|----------------------------|------------|-------------------|---|
| | Thursday | - AM | |
| North: Raymond Street | 0.267 | 6.0 | 11.4 |
| East: MacArthur Street | 0.253 | 5.3 | 11.0 |
| South: Raymond Street | 0.153 | 6.0 | 6.0 |
| West: MacArthur Street | 0.253 | 4.8 | 11.0 |
| | Thursday | - PM | |
| North: Raymond Street | 0.217 | 6.9 | 9.0 |
| East: MacArthur Street | 0.296 | 5.2 | 13.0 |
| South: Raymond Street | 0.243 | 6.4 | 10.1 |
| West: MacArthur Street | 0.330 | 5.2 | 15.0 |
| | Saturday - | Peak | |
| North: Raymond Street | 0.373 | 8.1 | 17.6 |
| East: MacArthur Street | 0.440 | 6.5 | 21.7 |
| South: Raymond Street | 0.337 | 7.8 | 15.5 |
| West: MacArthur Street | 0.435 | 6.1 | 22.2 |

Table 2: Existing Intersection Performance – MacArthur Street / Raymond Street intersection

| Degree of Saturation (DoS) | | Average Delay (s) | 95 th percentile Queue Length (m) | | | |
|----------------------------|---------------|-------------------|---|--|--|--|
| | Thursday - AM | | | | | |
| North: Desailly Street | 0.034 | 7.1 | 1.2 | | | |
| East: MacArthur Street | 0.207 | 4.1 | 8.4 | | | |
| South: Desailly Street | 0.078 | 6.9 | 2.7 | | | |
| West: MacArthur Street | 0.231 | 4.4 | 9.8 | | | |
| Thursday - PM | | | | | | |



| North: Desailly Street | 0.038 | 7.0 | 1.3 |
|------------------------|------------|------|------|
| East: MacArthur Street | 0.257 | 4.1 | 11.0 |
| South: Desailly Street | 0.241 | 7.3 | 9.6 |
| West: MacArthur Street | 0.224 | 5.5 | 9.2 |
| | Saturday - | Peak | |
| North: Desailly Street | 0.047 | 6.7 | 1.7 |
| East: MacArthur Street | 0.321 | 3.9 | 15.5 |
| South: Desailly Street | 0.324 | 7.5 | 13.8 |
| West: MacArthur Street | 0.318 | 5.4 | 14.2 |

Table 3: Existing Intersection Performance – MacArthur Street / Desailly Street intersection

| Degree of Saturation (DoS) | | Average Delay (s) | 95 th percentile Queue Length (m) | | | |
|-------------------------------|---------------|-------------------|---|--|--|--|
| | Thursday - AM | | | | | |
| North: Pearson Street | 0.010 | 6.4 | 0.3 | | | |
| East: MacArthur Street | 0.101 | 0.6 | 0.1 | | | |
| South: Pearson Street | 0.023 | 12.3 | 0.6 | | | |
| West: MacArthur Street | 0.144 | 0.5 | 0.7 | | | |
| | Thursday | - PM | | | | |
| North: Pearson Street | 0.007 | 6.7 | 0.2 | | | |
| East: MacArthur Street | 0.142 | 0.2 | 0.1 | | | |
| South: Pearson Street | 0.041 | 12.1 | 1.0 | | | |
| West: MacArthur Street | 0.106 | 0.2 | 0.1 | | | |
| | Saturday - | Peak | | | | |
| North: Pearson Street | 0.015 | 8.7 | 0.4 | | | |
| East: MacArthur Street | 0.173 | 0.5 | 0.3 | | | |
| South: Pearson Street | 0.100 | 14.6 | 2.6 | | | |
| West: MacArthur Street | 0.147 | 0.4 | 0.5 | | | |

Table 4: Existing Intersection Performance – MacArthur Street / Pearson Street intersection

| Degree of Saturation (DoS) | | Average Delay (s) | 95 th percentile Queue Length (m) | |
|-------------------------------|------------------------------|-------------------|---|--|
| | Thursday | - AM | | |
| North: Desailly Street | 0.034 | 0.1 | 0.3 | |
| South: Desailly Street | South: Desailly Street 0.024 | | 0.0 | |
| | Thursday | - PM | | |
| North: Desailly Street | 0.048 | 0.0 | 0.1 | |
| South: Desailly Street | 0.070 | 0.0 | 0.0 | |
| Saturday - Peak | | | | |
| North: Desailly Street | 0.061 | 0.1 | 0.3 | |
| South: Desailly Street | 0.085 | 0.0 | 0.0 | |

Table 5: Existing Intersection Performance – Desailly Street / New Railway Road Intersection



Site-Generated Traffic Volumes and Characteristics

Site Generated Traffic Volumes

The following data sources and assumptions were used to obtain the traffic generation rates for each component:

Bunnings Hardware store (existing):

 The trip rates for Bunnings have been adopted from the Bulky Goods Hardware Store (2009) analysis report.

• Shopping Centres (Retail and Supermarket) (proposed):

- The peak generation rates for the retail and supermarket components have been adopted from the peak generation model for large shopping centres in RMS Guide to Transport Impact Assessment.
- Per RMS Technical Direction TDT 2013/04a, a factor of 55% has been applied to the PM peak hour rate for the supermarket and retail components to yield the AM peak hour rate.

Office (proposed):

- o Office block trip generation rates were obtained from RMS Guide to Transport Impact Assessment.
- o For conservative purposes, the Sydney trip rates have been adopted in lieu of the regional trip rates.

• Restaurant (proposed):

- A rate of 3.275m² of Gross Floor Area (GFA) per patron for the restaurant has been adopted from RMS data.
- Therefore, a capacity of 68 patrons has been considered based on a GFA of 221m².
- For conservative purposes, 100% occupancy of the restaurant seats has been assumed. However,
 85% occupancy is generally considered to be more reflective of restaurant traffic generation.
- Based on analysis of RMS Restaurant data, it is conservatively assumed that non-critical (AM) peak demand is 40% of critical (PM) peak demand.

| | Existing | Proposed | | | | Resultant |
|------------------------|------------|--------------|--------|--------|------------------------------------|-----------|
| | Bunnings | Shopping Cen | tre | Office | Office Restaurant | |
| | Dullilligs | Supermarket | Retail | Office | Restaurant | Total |
| GLFA (m ²) | 5,066 | 2,669 | 1,349 | 2,571 | 221 | 1,744 |
| AM Peak Hour Rate | -0.0204 | 0.07535 | 0.0176 | 0.0169 | 0.1424* (number of patrons) + 1.2 | 1 |
| PM Peak Hour Rate | -0.0284 | 0.137 | 0.032 | 0.012 | 0.356 * (number of patrons) + 3 | - |
| Daily Rate | -0.3975 | 1.455 | 0.288 | 0.1129 | 0.6 | - |
| AM Peak Hour Trips | -103 | 201 | 24 | 43 | 11 | +176 |
| PM Peak Hour Trips | -144 | 366 | 43 | 31 | 27 | +323 |
| Daily Trips | -2,014 | 3883 | 389 | 290 | 133 | +2681 |

Table 6: Anticipated Traffic Volumes



Site-Generated Traffic Distribution

The following assumptions have been adopted to determine the traffic distribution of existing (Bunnings) and proposed (supermarket, retail, restaurant, and office) uses.

- All uses are assumed to have the same traffic distribution.
- The Thursday AM peak hour distribution has been adopted for the Thursday PM peak hour distribution and Saturday peak hour distribution.
- No traffic is assumed to exit right out of the basement carpark.
- No changes to the existing traffic along New Railway Road are proposed.
- 36 U-turn traffic movements for the east approach (MacArthur Street) of the MacArthur Street / Pearson Street intersection have been adopted for all peak hour scenarios to understand the impact of the proposed online collection point on the performance of this intersection and the network.

| Route/Destination | Percentage (%) | Route/Destination | Percentage (%) |
|-----------------------------------|----------------|---------------------------|----------------|
| North via Desailly | 3% | South via Reeve Street | 9% |
| North via Raymond | 14% | West via MacArthur Street | 5% |
| East via MacArthur Street | 40% | North via Reeve Street | 9% |
| South via Raymond Street (Egress) | 15% | Pearson Street Movements | 5% |

Table 7: Existing (Bunnings) and Proposed (Retail, supermarket, office and restaurant) traffic distribution

Figure 4 (Thursday) and Figure 5 (Saturday) depict the resultant site-generated traffic movements in 10 years for the MacArthur Street & Desailly Street corridor.

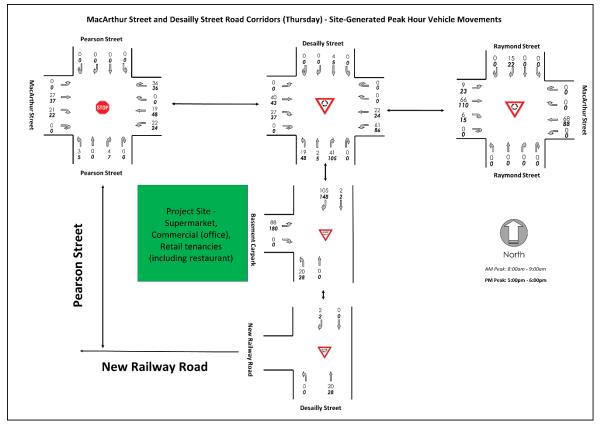


Figure 4: Resultant Site-Generated Peak Hour Vehicle Movements (Thursday) @ 10 years – MacArthur & Desailly Street corridor



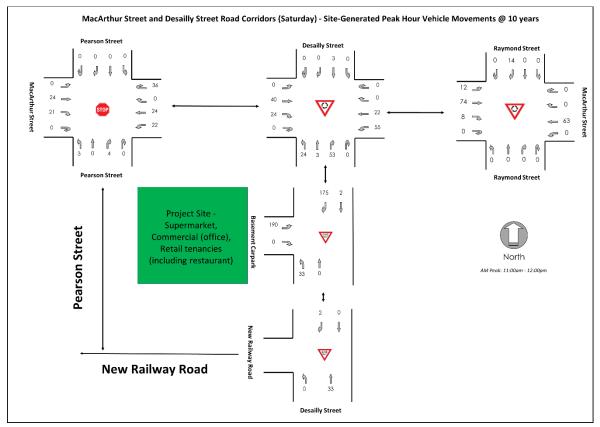


Figure 5: Resultant Site-Generated Peak Hour Vehicle Movements (Saturday) @ 10 years - MacArthur & Desailly Street corridor

Future Traffic Conditions (Existing and post-development @ 10 years)

General assumptions

- A compound growth rate of 1.5% has been applied along MacArthur Street and Raymond Street.
- Existing traffic volumes (outside of Bunnings) are largely expected to be maintained.

Existing Peak Hour Movements @ 10 years

Figure 6 (Thursday) and Figure 7 (Saturday) depict the existing traffic movements in 10 years for the MacArthur Street & Desailly Street corridor.

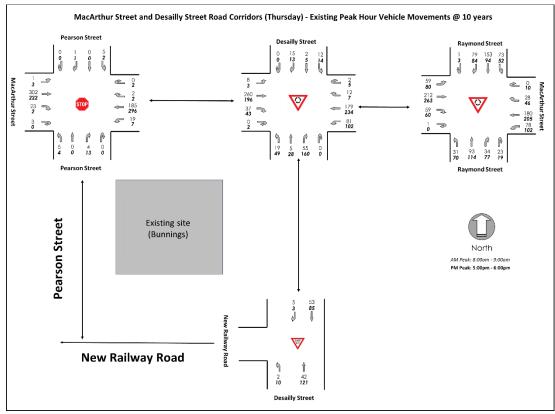


Figure 6: Existing Peak Hour Vehicle Movements (Thursday) @ 10 years - MacArthur & Desailly Street corridor

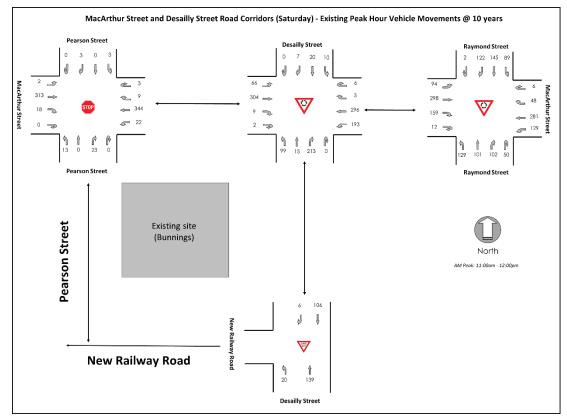


Figure 7: Existing Peak Hour Vehicle Movements (Saturday) @ 10 years – MacArthur & Desailly Street corridor



Post-Development Peak Hour Vehicle Movements @ 10 years

Figure 8 (Thursday) and Figure 9 (Saturday) depict the post-development traffic movements in 10 years for the MacArthur Street & Desailly Street corridor.

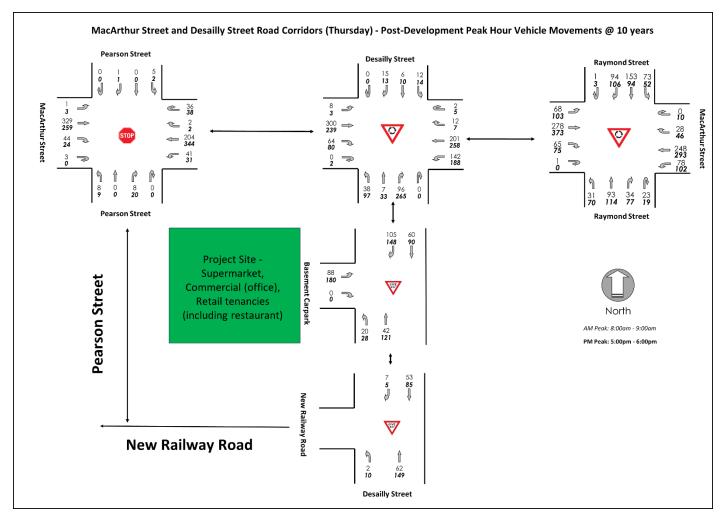


Figure 8: Post-Development Peak Hour Vehicle Movements (Thursday) @ 10 years - MacArthur & Desailly Street corridor



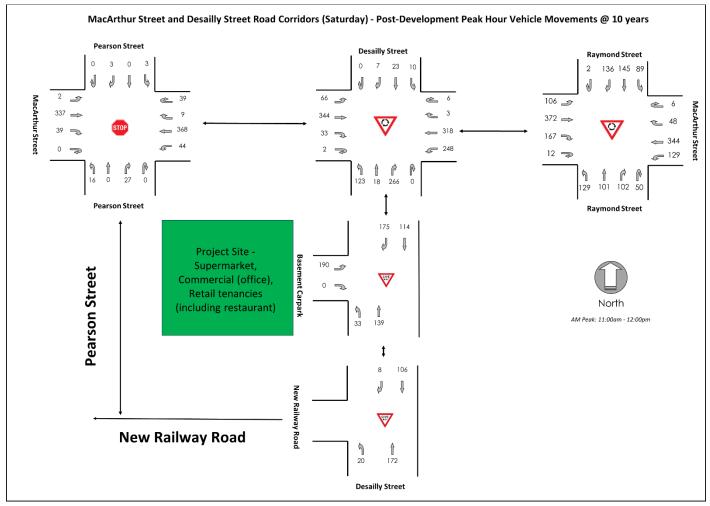


Figure 9: Post-Development Peak Hour Vehicle Movements (Saturday) @ 10 years - MacArthur & Desailly Street corridor

Intersection Performance Comparison (Existing and Post-Development @ 10 years)

The following should be noted in relation to the intersection performance results:

- Queues are temporary in nature and would occur during the key period within a given peak hour.
- It is common for queues to exceed capacity within metropolitan areas and particularly for growth areas.
- The queues represent 95%ile queues and average queues (i.e. 50th %ile) result in less queuing more often.
- The projected queues would have minimal impacts to upstream intersections.

MacArthur Street / Raymond Street intersection

Table 8 compares the existing and post-development intersection performance in 10 years for the MacArthur Street / Raymond Street intersection.

| Performance Measure | Leg | Existing @10 years | Post-Development @ 10 years | Increase (+) |
|------------------------|--------------------|--------------------|-----------------------------|--------------|
| | | Thursday - AM | | |
| Dograd of | North: Raymond St | 0.322 | 0.363 | 0.041 |
| Degree of Saturation | East: MacArthur St | 0.305 | 0.388 | 0.083 |
| Saturation | South: Raymond St | 0.184 | 0.200 | 0.016 |



| | West: MacArthur St | 0.301 | 0.372 | 0.071 |
|------------|--------------------|-----------------|-------|-------|
| | North: Raymond St | 6.4 | 7.2 | 0.8 |
| Average | East: MacArthur St | 5.7 | 6.0 | 0.3 |
| Delay (s) | South: Raymond St | 6.3 | 6.9 | 0.6 |
| | West: MacArthur St | 5.0 | 5.0 | 0.0 |
| | North: Raymond St | 14.5 | 16.9 | 2.4 |
| Queue | East: MacArthur St | 14.0 | 19.1 | 5.1 |
| Length (m) | South: Raymond St | 7.5 | 8.4 | 0.9 |
| | West: MacArthur St | 13.8 | 18.4 | 4.6 |
| | | Thursday - PM | | |
| | North: Raymond St | 0.266 | 0.334 | 0.068 |
| Degree of | East: MacArthur St | 0.355 | 0.457 | 0.102 |
| Saturation | South: Raymond St | 0.295 | 0.330 | 0.035 |
| | West: MacArthur St | 0.397 | 0.537 | 0.140 |
| | North: Raymond St | 7.4 | 8.7 | 1.3 |
| Average | East: MacArthur St | 5.5 | 5.9 | 0.4 |
| Delay (s) | South: Raymond St | 6.8 | 7.7 | 0.9 |
| | West: MacArthur St | 5.6 | 5.8 | 0.2 |
| | North: Raymond St | 11.6 | 15.7 | 4.1 |
| Queue | East: MacArthur St | 16.5 | 23.5 | 7.0 |
| Length (m) | South: Raymond St | 12.9 | 15.1 | 2.2 |
| | West: MacArthur St | 19.3 | 30.5 | 11.2 |
| | | Saturday - Peak | | |
| | North: Raymond St | 0.476 | 0.592 | 0.116 |
| Degree of | East: MacArthur St | 0.544 | 0.665 | 0.121 |
| Saturation | South: Raymond St | 0.421 | 0.507 | 0.086 |
| | West: MacArthur St | 0.529 | 0.669 | 0.140 |
| | North: Raymond St | 9.8 | 14.0 | 4.2 |
| Average | East: MacArthur St | 8.1 | 11.2 | 3.1 |
| Delay (s) | South: Raymond St | 8.5 | 10.2 | 1.7 |
| | West: MacArthur St | 6.6 | 8.4 | 1.8 |
| | North: Raymond St | 26.3 | 40.7 | 14.4 |
| Queue | East: MacArthur St | 32.9 | 51.6 | 18.7 |
| Length (m) | South: Raymond St | 20.8 | 29.7 | 8.9 |
| | West: MacArthur St | 29.6 | 52.3 | 22.7 |
| | | | | |

Table 8: MacArthur Street / Raymond Street Intersection Performance Comparison

The critical period for the MacArthur Street / Raymond Street intersection is expected to be the Saturday peak period, with a maximum degree of saturation of 0.669 (classified as a 'Very Good' Level of Service) experienced on the west approach. All DoS values are below the threshold of DTP's desirable degree of saturation.

The longest 95th percentile queue is recorded on the western approach during the Saturday peak period with a queue length of approximately 52.3 metres (approximately 7 vehicles). The project site would result in a maximum increase of 22.7m (approximately 3-4 vehicles) compared to the existing @ 10 years scenario.

The average delay across all approaches is expected to be approximately ~14 seconds or less for the peak periods.

As demonstrated in Table 8, it is expected that the project site would have minimal impact on the overall performance of the MacArthur Street / Raymond Street intersection in terms of saturation, delays and queue 23 October 2025 2402360-TRA-MEMO-001-1.0 Page 15 of 27



lengths. Maximum increases to the saturation (+0.140), delays (+4.2 seconds) and queue lengths (+22.7 metres – approximately 3-4 vehicles) for each individual leg are also modest.

The above performance results are considered to be acceptable for a roundabout.

MacArthur Street / Desailly Street intersection

For the MacArthur Street / Desailly Street intersection, a comparison of the existing and post-development intersection performance in 10 years is presented below.

| Performance Measure | Leg | Existing @10 years | Post-Development @ 10 years | Increase (+) |
|------------------------|--------------------|--------------------|--------------------------------|--------------|
| | | Thursday - AM | | |
| | North: Desailly St | 0.035 | 0.044 | 0.009 |
| Degree of | East: MacArthur St | 0.226 | 0.310 | 0.084 |
| Saturation | South: Desailly St | 0.080 | 0.146 | 0.066 |
| | West: MacArthur St | 0.260 | 0.338 | 0.078 |
| | North: Desailly St | 7.4 | 7.9 | 0.5 |
| Average | East: MacArthur St | 4.1 | 4.4 | 0.3 |
| Delay (s) | South: Desailly St | 7.0 | 7.2 | 0.2 |
| | West: MacArthur St | 4.4 | 4.9 | 0.5 |
| | North: Desailly St | 1.2 | 1.6 | 0.4 |
| Queue | East: MacArthur St | 9.4 | 14.3 | 4.9 |
| Length (m) | South: Desailly St | 2.8 | 5.5 | 2.7 |
| | West: MacArthur St | 11.5 | 16.3 | 4.8 |
| | | Thursday - PM | | |
| | North: Desailly St | 0.039 | 0.054 | 0.015 |
| Degree of | East: MacArthur St | 0.281 | 0.396 | 0.115 |
| Saturation | South: Desailly St | 0.248 | 0.422 | 0.174 |
| | West: MacArthur St | 0.251 | 0.378 | 0.127 |
| | North: Desailly St | 7.2 | 8.4 | 1.2 |
| Average | East: MacArthur St | 4.1 | 4.5 | 0.4 |
| Delay (s) | South: Desailly St | 7.5 | 8.0 | 0.5 |
| | West: MacArthur St | 5.5 | 6.8 | 1.3 |
| | North: Desailly St | 1.4 | 2.1 | 0.7 |
| Queue | East: MacArthur St | 12.4 | 20.3 | 7.9 |
| Length (m) | South: Desailly St | 9.9 | 20.1 | 10.2 |
| | West: MacArthur St | 10.6 | 17.9 | 7.3 |
| | | Saturday - Peak | | |
| | North: Desailly St | 0.048 | 0.062 | 0.014 |
| Degree of | East: MacArthur St | 0.347 | 0.454 | 0.107 |
| Saturation | South: Desailly St | 0.337 | 0.456 | 0.119 |
| | West: MacArthur St | 0.355 | 0.502 | 0.147 |
| | North: Desailly St | 7.0 | 8.3 | 1.3 |
| Average | East: MacArthur St | 3.9 | 4.2 | 0.3 |
| Delay (s) | South: Desailly St | 7.8 | 8.5 | 0.7 |
| | West: MacArthur St | 5.4 | 6.4 | 1.0 |
| Queue | North: Desailly St | 1.8 | 2.5 | 0.7 |
| Length (m) | East: MacArthur St | 17.3 | 25.3 | 8.0 |



| South: Desailly | St 14 | 4 21.9 | 7.5 |
|-----------------|-----------|--------|------|
| West: MacArtl | nur St 16 | | 10.3 |

Table 9: MacArthur Street / Desailly Street Intersection Performance Comparison

The critical period for the MacArthur Street / Desailly Street intersection is expected to be the Saturday peak period, with a maximum degree of saturation of 0.502 (classified as an 'Excellent' Level of Service) experienced on the west approach. All DoS values are below the threshold of DTP's desirable degree of saturation.

The longest 95th percentile queue is recorded on the eastern approach during the Saturday peak period with a queue length of approximately 25.3 metres (approximately 4 vehicles). For the Saturday peak period, the project site would result in a maximum increase of 10.3m (~2 vehicles) compared to the existing @ 10 years scenario.

The average delay across all approaches is expected to be less than 10 seconds for the peak periods.

As demonstrated in Table 9, it is expected that the project site would have minimal impact on the overall performance of the MacArthur Street / Desailly Street intersection in terms of saturation, delays and queue lengths. Maximum increases to the saturation (+0.174), delays (+1.3 seconds) and queue lengths (+10.3 metres – approximately 2 vehicles) for each individual leg are also modest.

The above performance results are considered to be acceptable for a roundabout.

MacArthur Street / Pearson Street intersection

For the MacArthur Street / Pearson Street intersection, a comparison of the existing and post-development intersection performance in 10 years is presented below.

| Performance Measure | Leg | Existing @10 years | Post-Development @ 10 years | Increase (+) |
|------------------------|--------------------|--------------------|--------------------------------|--------------|
| | | Thursday - AM | | |
| | North: Pearson St | 0.011 | 0.012 | 0.001 |
| Degree of | East: MacArthur St | 0.115 | 0.138 | 0.023 |
| Saturation | South: Pearson St | 0.026 | 0.066 | 0.040 |
| | West: MacArthur St | 0.168 | 0.183 | 0.015 |
| | North: Pearson St | 6.8 | 7.3 | 0.5 |
| Average | East: MacArthur St | 0.5 | 1.8 | 1.3 |
| Delay (s) | South: Pearson St | 13.4 | 18.9 | 5.5 |
| | West: MacArthur St | 0.5 | 0.7 | 0.2 |
| | North: Pearson St | 0.3 | 0.3 | 0.0 |
| Queue | East: MacArthur St | 0.1 | 1.5 | 1.4 |
| Length (m) | South: Pearson St | 0.7 | 1.9 | 1.2 |
| | West: MacArthur St | 0.7 | 1.2 | 0.5 |
| | | Thursday - PM | | |
| | North: Pearson St | 0.008 | 0.009 | 0.001 |
| Degree of | East: MacArthur St | 0.164 | 0.204 | 0.040 |
| Saturation | South: Pearson St | 0.046 | 0.114 | 0.068 |
| | West: MacArthur St | 0.122 | 0.143 | 0.021 |
| | North: Pearson St | 7.2 | 8.1 | 0.9 |
| Average | East: MacArthur St | 0.2 | 1.1 | 0.9 |
| Delay (s) | South: Pearson St | 13.3 | 18.8 | 5.5 |
| | West: MacArthur St | 0.2 | 0.6 | 0.4 |



| | North: Pearson St | 0.2 | 0.2 | 0.0 |
|-------------------------|--------------------|-------|-------|-------|
| Queue Length (m) | East: MacArthur St | 0.1 | 1.4 | 1.3 |
| | South: Pearson St | 1.2 | 2.9 | 1.7 |
| | West: MacArthur St | 0.1 | 0.7 | 0.6 |
| Saturday - Peak | | | | |
| | North: Pearson St | 0.018 | 0.020 | 0.002 |
| Degree of Saturation | East: MacArthur St | 0.199 | 0.225 | 0.026 |
| | South: Pearson St | 0.119 | 0.201 | 0.082 |
| | West: MacArthur St | 0.170 | 0.183 | 0.013 |
| | North: Pearson St | 9.8 | 10.9 | 1.1 |
| Average | East: MacArthur St | 0.5 | 1.3 | 0.8 |
| Delay (s) | South: Pearson St | 16.7 | 22.8 | 6.1 |
| | West: MacArthur St | 0.4 | 0.7 | 0.3 |
| | North: Pearson St | 0.4 | 0.5 | 0.1 |
| Queue | East: MacArthur St | 0.3 | 1.7 | 1.4 |
| Length (m) | South: Pearson St | 3.1 | 5.2 | 2.1 |
| | West: MacArthur St | 0.5 | 1.2 | 0.7 |

Table 10: MacArthur Street / Pearson Street Intersection Performance Comparison

The critical period for the MacArthur Street / Pearson Street intersection is expected to be the Saturday peak period, with a maximum degree of saturation of 0.225 (classified as an 'Excellent' Level of Service) experienced on the east approach. All DoS values are below the threshold of DTP's desirable degree of saturation.

The longest 95th percentile queue is recorded on the southern approach during the Saturday peak period with a queue length of approximately 5.2 metres (less than 1 vehicle). For the Saturday peak period, the project site would result in a maximum increase of 2.1m (less than 1 vehicle) compared to the existing @ 10 years scenario.

The average delay across approaches is generally expected to be approximately 10 seconds or less for the peak periods, with the south approach experiencing delays of around 20 seconds.

As demonstrated in Table 10, it is expected that the project site would have minimal impact on the overall performance of the MacArthur Street / Pearson Street intersection in terms of saturation, delays and queue lengths. Maximum increases to the saturation (+0.082), delays (+6.1 seconds) and queue lengths (+2.1 metres – less than 1 vehicle) for each individual leg are also minimal.

The above performance results are considered to be acceptable for an unsignalised intersection.

Desailly Street / New Railway Road intersection

For the Desailly Street / New Railway Road intersection, a comparison of the existing and post-development intersection performance in 10 years is presented below.

| Performance Measure | Leg | Existing @10 years | Post-Development @ 10 years | Increase (+) |
|------------------------|--------------------|--------------------|--------------------------------|--------------|
| | | Thursday - AM | | |
| Degree of | North: Desailly St | 0.034 | 0.036 | 0.002 |
| Saturation | South: Desailly St | 0.024 | 0.035 | 0.011 |
| Average | North: Desailly St | 0.1 | 0.2 | 0.1 |
| Delay (s) | South: Desailly St | 0.0 | 0.0 | 0.0 |
| | North: Desailly St | 0.3 | 0.5 | 0.2 |



| Queue Length (m) | South: Desailly St | 0.0 | 0.0 | 0.0 | |
|---------------------|--------------------|-------|-------|-------|--|
| | Thursday - PM | | | | |
| Degree of | North: Desailly St | 0.048 | 0.051 | 0.003 | |
| Saturation | South: Desailly St | 0.070 | 0.085 | 0.015 | |
| Average | North: Desailly St | 0.0 | 0.1 | 0.1 | |
| Delay (s) | South: Desailly St | 0.0 | 0.0 | 0.0 | |
| Queue | North: Desailly St | 0.1 | 0.3 | 0.2 | |
| Length (m) | South: Desailly St | 0.0 | 0.0 | 0.0 | |
| Saturday - Peak | | | | | |
| Degree of | North: Desailly St | 0.061 | 0.064 | 0.003 | |
| Saturation | South: Desailly St | 0.085 | 0.103 | 0.018 | |
| Average | North: Desailly St | 0.1 | 0.2 | 0.1 | |
| Delay (s) | South: Desailly St | 0.0 | 0.0 | 0.0 | |
| Queue | North: Desailly St | 0.3 | 0.5 | 0.2 | |
| Length (m) | South: Desailly St | 0.0 | 0.0 | 0.0 | |

Table 11: Desailly Street / New Railway Road Intersection Performance Comparison

The critical period for the Desailly Street / New Railway Road intersection is expected to be the Saturday peak period, with a maximum degree of saturation of 0.103 (classified as an 'Excellent' Level of Service) experienced on the south approach. All DoS values are below the threshold of DTP's desirable degree of saturation.

The longest 95th percentile queue is recorded on the north approach during the Saturday peak period with a queue length of approximately 0.5 metres (less than 1 vehicle).

The average delay across all approaches is expected to be less than 5 seconds for the peak periods.

As demonstrated in Table 11, it is expected that the project site would have minimal impact on the overall performance of the Desailly Street / New Railway Road intersection in terms of saturation, delays and queue lengths. Maximum increases to the saturation (+0.018), delays (+0.2 seconds) and queue lengths (+0.2 metres – less than 1 vehicle) for each individual leg are also minimal.

The above performance results are considered to be acceptable for an unsignalised intersection.



Desailly Street / Basement Car Park Entrance intersection

For the Desailly Street / Basement Car Park Entrance intersection, the SIDRA results for the post-development intersection performance in 10 years is presented below.

| | Degree of Saturation (DoS) | Average Delay (s) | 95 th percentile Queue Length (m) | | |
|------------------------|-------------------------------|-------------------|---|--|--|
| Thursday - AM | | | | | |
| North: Desailly St | 0.099 | 0.6 | 3.4 | | |
| South: Desailly St | 0.034 | 0.0 | 0.0 | | |
| West: Basement Carpark | 0.059 | 0.1 | 1.7 | | |
| Thursday - PM | | | | | |
| North: Desailly St | 0.149 | 0.9 | 5.3 | | |
| South: Desailly St | 0.080 | 0.0 | 0.0 | | |
| West: Basement Carpark | 0.129 | 0.4 | 3.9 | | |
| Saturday - Peak | | | | | |
| North: Desailly St | 0.183 | 1.0 | 6.6 | | |
| South: Desailly St | 0.093 | 0.0 | 0.0 | | |
| West: Basement Carpark | 0.138 | 0.5 | 4.2 | | |

Table 12: Intersection Performance - Desailly Street / Basement Car Park Entrance intersection

The critical period for the Desailly Street / Basement Car Park Entrance intersection is expected to be the Saturday peak period, with a maximum degree of saturation of 0.183 (classified as an 'Excellent' Level of Service) experienced on the north approach. All DoS values are below the threshold of DTP's desirable degree of saturation.

The longest 95th percentile queue is recorded on the northern approach during the Saturday peak period with a queue length of 6.6 metres (approximately 1 vehicle).

The average delay across all approaches is expected to be less than 5 seconds for the peak periods.

As demonstrated in Table 12, it is expected that the proposed Desailly Street / Basement Car Park Entrance intersection would have low saturation, delays and queue lengths.

The above performance results are considered to be acceptable for an unsignalised intersection.

Therefore, based on the results and analysis for the five intersections, the impact of the traffic from the project site on the surrounding road network and intersections is considered appropriate.

Empirical Parking Analysis

To gain an understanding of the existing parking conditions within the vicinity of the subject site, Beveridge Williams commissioned car parking occupancy surveys within approximately 250 m of walking distance from the project site. These surveys were conducted on:

- Thursday, 7 August 2025, 8:00 am to 6:00 pm at 30-minute intervals; and
- Saturday, 9 August 2025 9:30 am to 2:00 pm at 30-minute intervals.

The survey locations are shown in Figure 10 below.





Figure 10: Car Parking Occupancy Survey Locations & Extents

Based on the surveys undertaken, a total of 787 standard and accessible parking spaces (approximately 298 long term spaces and 489 short term (less than 4 hours) spaces) comprising both on-street and off-street parking were identified as available within the study area. However, it is noted that this supply includes 29 spaces where customer parking is either not permitted or subject to restrictions. To ensure an accurate assessment of usable parking capacity, it is considered appropriate to exclude these restricted spaces from the analysis. The excluded parking zones are listed below:

- No Stopping Zones;
- Direct to Boot parking spaces (equivalent to online collection spaces)
- ¼ P Zones;
- Loading Zones;
- Reserved Parking Spaces Harvey Norman

Table 13 below summarises the eligible parking spaces along with their respective parking restrictions. A total parking capacity of 758 spaces is available at the surveyed locations.

| PARKING RESTRICTIONS | ELIGIBLE SPACES |
|--|-----------------|
| Unrestricted | 122 |
| 2P 9am-6pm Mon-Fri, 9am-1pm Sat | 68 |
| 2P | 17 |
| P All Day Parking Area | 169 |
| 2P 9am-6pm Mon-Fri, 9am-5pm Sat | 322 |
| 2P Disabled Only 9am-6pm Mon-Fri, 9am-5pm Sat | 2 |
| 3P 9am-6pm Mon-Fri, 9am-5pm Sat | 41 |
| 3P Disabled Only 9am-6pm Mon-Fri, 9am-5pm Sat | 2 |
| 3P Parents with Prams 9am-6pm Mon-Fri, 9am-5pm Sat | 2 |
| P Disabled Only | 7 |



| 2P Parents with Prams 9am-6pm Mon-Fri, 9am-5pm Sat | 4 |
|--|-----|
| 2P 9am-6pm Mon-Fri, 9am-1pm Sat Motorcycle Parking | 2 |
| Total | 758 |

Table 13: Eligible Parking Spaces

The results of the parking occupancy surveys are discussed below and presented in Figure 11 (Thursday) and Figure 12 (Saturday).

Figure 11 below presents the parking survey results for Thursday. The peak parking occupancy occurred at 12:30pm at which time **304 vacant spaces** were available across the surveyed locations. Following this peak period, parking demand showed a gradual decline, with a minor increase observed at 4:00pm, followed by a significant decrease thereafter. Detailed parking surveys are enclosed to this addendum report.

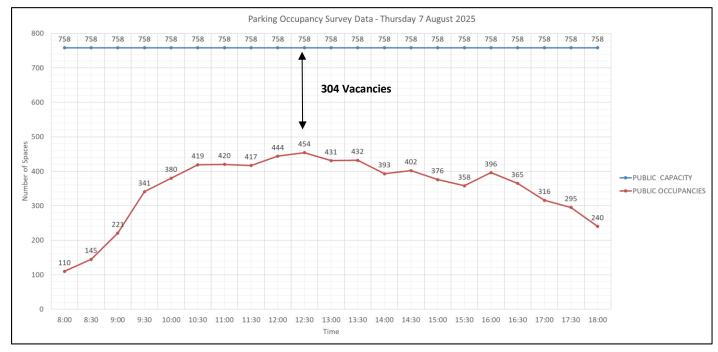


Figure 11: Car Parking Occupancy Survey Result – Thursday 7 August 2025

Figure 12 below presents the parking survey results for Saturday. The peak parking occupancy occurred at 11:30am, at which time **367 vacant spaces** were available across the surveyed locations. Following the peak period, parking occupancy generally remained consistent till 1:00 pm followed by a slight decline.



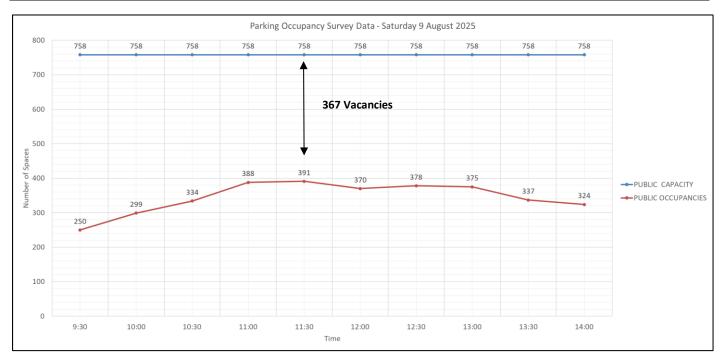


Figure 12: Car Parking Occupancy Survey Result – Saturday 9 August 2025

Statutory Car Parking Requirements

The below statutory parking rates and requirements are per the Planning Scheme and the National Construction Code (NCC) and are taken from the Initial Traffic Impact Assessment report.

- 133 spaces (~3 accessible) for the supermarket
- 89 (~1 accessible) spaces for the office
- 53 (~1 accessible) spaces for the retail
- 10 (~0 accessible) spaces for the restaurant

Basement Car Parking Provision

The proposed development plan has a provision of 259 spaces comprising 253 standard and 6 accessible spaces. This represents a shortfall of 27 standard spaces and a surplus of 1 accessible space, equating to a total shortfall of 26 spaces from Planning Scheme requirement. As discussed previously, there are 304 spaces available within the surrounding area to cater for the shortfall of 27 on-site, standard spaces. Also, the proposed provision of the basement parking represents an improvement from the existing Bunnings' undersupply of car parking spaces.

Anticipated Car Parking Demand

The Transport for New South Wales (TfNSW) trip generation data indicates that supermarkets typically experience peak activity during weekday mornings and evenings, particularly after standard work hours. On weekends, supermarket visitation tends to peak shortly after midday.

In contrast, it can also be noted that restaurants generally peak during the evening hours and are notably busier on weekends compared to weekdays.



The proposed office development is also expected to remain closed on weekends, effectively reducing the on-site parking demand by 89 parking spaces. These spaces could then be utilised by other developments on the site during their respective peak periods.

Noting the above, it can be considered that different land uses proposed for the site are likely to experience different peak hours and as a result, peak parking demands are unlikely to overlap significantly, leading to more efficient use of the proposed on-site parking spaces.

Adequacy of Parking Provisions

As shown in Figure 11 and Figure 12 above, there is a total capacity of 758 parking spaces in the vicinity of the subject site and significant unutilised car parking capacity, with **304** and **367 vacant** spaces on Thursday and Saturday, respectively, during the peak hour. Outside of the peak hours, there is reduced parking demand.

The existing off-street parking areas CP1 and CP2 included in the parking survey (refer to Figure 10) are located closer to Gippsland Centre. These areas have a combined capacity of 329 spaces. Notwithstanding that parking demand generated by the project site could potentially be accommodated by these spaces, there is still a capacity of 429 parking spaces within close vicinity of the project site with **150** and **180 vacancies** on Thursday and Saturday, respectively, when these carparks (CP1 and CP2) are excluded. Figure 13 (Thursday) and Figure 14 (Saturday) below present this information.

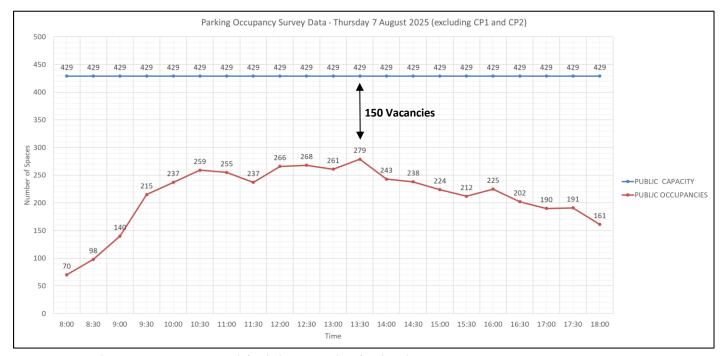


Figure 13: Car Parking Occupancy Survey Result (Excluding CP1 and CP2) – Thursday 7 August 2025



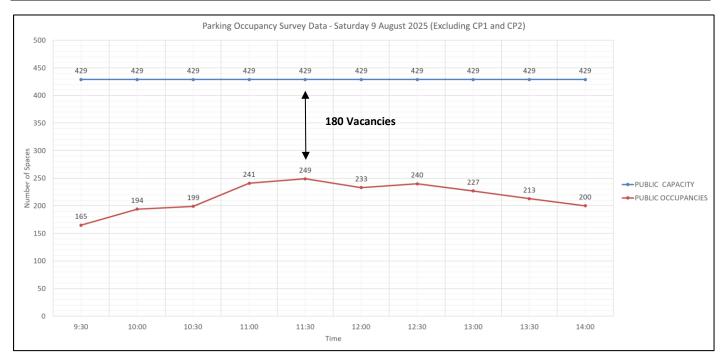


Figure 14: Car Parking Occupancy Survey Result (Excluding CP1 and CP2) – Saturday 9 August 2025

The different peak parking demand periods for the different land uses will lead to a reduced overall peak parking demand and more efficient use of the proposed on-site parking spaces.

The provision of the online collection point will further reduce parking demand.

With regards to location, the subject site is generally located within the town centre and good walking distance access is provided to a wide range of amenities such as Gippsland Centre, supermarkets, retail shops, cafes, school, health, social and recreational services. Therefore, multi-purpose trips are expected to form a significant component of trips to the project site.

The subject site is also well connected with footpaths and due its town centric location, some staff or visitors are likely walk or cycle to the subject site contributing to less parking demands. Adequate pedestrian and bicycle infrastructure, including bicycle parking and appropriate footpath widths, is proposed to facilitate this.

Furthermore, the project site has excellent bus transport connectivity with a bus terminal and several other bus stops located within walkable distance of the project site. The Gippsland Shopping Centre bus terminal provides local as well as regional connectivity.

Therefore, based on the parking analysis presented above, it is concluded that the shortfall of 26 on-site spaces is expected to be comfortably accommodated by the nearby on and off-street parking spaces located near the project site and there are reasonable grounds for the Council to accept a carparking dispensation for the proposed development at 38-50 MacArthur Street, Sale.

The availability of ample on and off-street parking spaces located within close proximity to the project site is expected to adequately service the proposed site without unduly impacting the car parking amenity of the surrounding precinct.



Online Collection Point analysis

The online collection point will allow for two lanes of three online collection point spaces (6 online collection point spaces in total), plus 4 additional spaces of storage on-site and 1 space between the footpath and road carriageway.

The traffic surveys undertaken on Thursday, 7 August 2025 and Saturday, 9 August 2025 captured the Woolworths Direct to Boot car parking occupancy levels throughout the day. Thursday was generally considered to be a busier day for the Direct to Boot service. There was only one instance on Thursday and one instance on Saturday where all 4 spaces of the Direct to Boot service were occupied.

The online collection point has a 50% greater capacity than the existing Direct to Boot service, plus 5 overflow parking spaces within the online collection point area

Based on the above, it is considered that the operation of the online collection point is appropriate from a traffic engineering perspective.

The supermarket operator will be responsible for ensuring that the collection times are appropriately allocated and that the inventory is ready for pick-up at the start of the allocated time period.



Conclusion

An addendum traffic report, to complement the Initial Traffic Impact Assessment report and Waste Management Plan compiled by Beveridge Williams, has been produced for the proposed mixed-use development at 38-50 MacArthur Street, Sale. The following provides a summary of the findings outlined in this Memorandum.

- The surrounding road network can adequately accommodate the proposed delivery movements.
- The proposed mixed-use development considered reasonable having due regard to the impact on the surrounding road network from a traffic engineering perspective.
- It is considered that the proposal would meet the intent of DTP guidelines and requirements in relation to the intersection and road network performance.
- There is sufficient existing capacity in the surrounding on-street and off-street parking to cater for any
 overflow parking demand. It is also noted that there is significant off-street parking availability for the
 Gippsland Shopping Centre.
- The online collection point is expected to operate appropriately from a traffic engineering perspective.

Should you have any queries, please do not hesitate to contact the undersigned.



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SIDRA Intersection results are enclosed to this memo.



Intersection of New Railway Rd and Desailly St, Sale

| GPS | -38.106191, 147.06395 | 51 |
|-----------|-----------------------|----|
| Date: | Thu 07/08/25 | |
| Weather: | Overcast | |
| Suburban: | Sale | |
| Customer: | BW | |

| North: | Desailly St |
|--------|----------------|
| East: | N/A |
| South: | Desailly St |
| West: | New Railway Rd |

| Survey | AM: | 8:00 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-6:00 PM |
| Traffic | AM: | 11:00 AM-12:00 PM |
| Peak | PM: | 3:45 PM-4:45 PM |

All Vehicles

| All Vehicles Tir | ne | North An | proach D | esailly St | South An | proach D | esailly St | est Appro | ach New | Railway I | Hourly | Total |
|---------------------|-------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|--------|-------|
| Period Start | | | R | SB | U | NB | L | U | R | L | Hour | Peak |
| 8:00 | 8:15 | 0 | 2 | 9 | 0 | 7 | 0 | 0 | 0 | 0 | 102 | |
| 8:15 | 8:30 | 0 | 1 | 15 | 0 | 10 | 2 | 0 | 0 | 0 | 120 | |
| 8:30 | 8:45 | 0 | 0 | 13 | 0 | 15 | 0 | 0 | 0 | 0 | 125 | |
| 8:45 | 9:00 | 0 | 2 | 16 | 0 | 10 | 0 | 0 | 0 | 0 | 127 | |
| 9:00 | 9:15 | 0 | 2 | 16 | 0 | 18 | 0 | 0 | 0 | 0 | 143 | |
| 9:15 | 9:30 | 0 | 0 | 17 | 0 | 14 | 2 | 0 | 0 | 0 | 150 | |
| 9:30 | 9:45 | 0 | 0 | 11 | 0 | 19 | 0 | 0 | 0 | 0 | 169 | |
| 9:45 | 10:00 | 0 | 2 | 20 | 0 | 22 | 0 | 0 | 0 | 0 | 193 | |
| 10:00 | 10:15 | 0 | 1 | 14 | 0 | 25 | 3 | 0 | 0 | 0 | 199 | |
| 10:15 | 10:30 | 0 | 2 | 25 | 0 | 19 | 6 | 0 | 0 | 0 | 211 | |
| 10:30 | 10:45 | 0 | 3 | 17 | 0 | 32 | 2 | 0 | 0 | 0 | 214 | |
| 10:45 | 11:00 | 0 | 3 | 18 | 0 | 23 | 6 | 0 | 0 | 0 | 214 | |
| 11:00 | 11:15 | 0 | 2 | 27 | 0 | 19 | 7 | 0 | 0 | 0 | 216 | Peak |
| 11:15 | 11:30 | 0 | 2 | 15 | 0 | 34 | 4 | 0 | 0 | 0 | | |
| 11:30 | 11:45 | 0 | 3 | 27 | 0 | 22 | 2 | 0 | 0 | 0 | | |
| 11:45 | 12:00 | 0 | 4 | 20 | 0 | 26 | 2 | 0 | 0 | 0 | | |
| 12:00 | 12:15 | 0 | 4 | 18 | 0 | 20 | 0 | 0 | 0 | 0 | 212 | |
| 12:15 | 12:30 | 0 | 2 | 19 | 0 | 32 | 4 | 0 | 0 | 0 | 226 | |
| 12:30 | 12:45 | 0 | 2 | 18 | 0 | 29 | 7 | 0 | 0 | 0 | 225 | |
| 12:45 | 13:00 | 0 | 1 | 23 | 0 | 30 | 3 | 0 | 0 | 0 | 224 | |
| 13:00 | 13:15 | 0 | 1 | 24 | 0 | 25 | 6 | 0 | 0 | 0 | 214 | |
| 13:15 | 13:30 | 0 | 0 | 25 | 0 | 27 | 4 | 0 | 0 | 0 | 197 | |
| 13:30 | 13:45 | 0 | 5 | 20 | 0 | 26 | 4 | 0 | 0 | 0 | 196 | |
| 13:45 | 14:00 | 0 | 3 | 12 | 0 | 28 | 4 | 0 | 0 | 0 | 203 | |
| 14:00 | 14:15 | 0 | 2 | 12 | 0 | 21 | 4 | 0 | 0 | 0 | 200 | |
| 14:15 | 14:30 | 0 | 2 | 22 | 0 | 27 | 4 | 0 | 0 | 0 | 208 | |
| 14:30 | 14:45 | 0 | 2 | 25 | 0 | 32 | 3 | 0 | 0 | 0 | 201 | |
| 14:45 | 15:00 | 0 | 0 | 22 | 0 | 20 | 2 | 0 | 0 | 0 | 201 | |
| 15:00 | 15:15 | 0 | 1 | 13 | 0 | 31 | 2 | 0 | 0 | 0 | 224 | |
| 15:15 | 15:30 | 0 | 2 | 21 | 0 | 20 | 5 | 0 | 0 | 0 | 230 | |
| 15:30 | 15:45 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 | 231 | |
| 15:45 | 16:00 | 0 | 1 | 27 | 0 | 35 | 3 | 0 | 0 | 1 | 234 | Peak |
| 16:00 | 16:15 | 0 | 1 | 21 | 0 | 30 | 1 | 0 | 0 | 0 | 214 | |
| 16:15 | 16:30 | 0 | 2 | 16 | 0 | 31 | 0 | 0 | 0 | 0 | 220 | |

| | me | | ch Desailly St | | ch Desailly St | West Approach N | lew Railway Rd | Hourly Total |
|--------------|------------|-----------|----------------|-----------|----------------|-----------------|----------------|--------------|
| Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | |
| 8:00 | 8:15 | 1 | 4 | 2 | 0 | 0 | 0 | 51 |
| 8:15 | 8:30 | 2 | 3 | 0 | 0 | 3 | 1 | 64 |
| 8:30 | 8:45 | 4 | 2 | 0 | 0 | 6 | 1 | 92 |
| 8:45 | 9:00 | 6 | 9 | 2 | 0 | 4 | 1 | 104 |
| 9:00 | 9:15 | 6 | 4 | 3 | 2 | 1 | 4 | 118 |
| 9:15 | 9:30 | 6 | 15 | 5 | 3 | 7 | 1 | 154 |
| 9:30 | 9:45 | 11 | 8 | 2 | 0 | 0 | 4 | 171 |
| 9:45 | 10:00 | 6 | 10 | 6 | 7 | 5 | 2 | 212 |
| 10:00 | 10:15 | 12 | 16 | 5 | 6 | 6 | 11 | 227 |
| 10:15 | 10:30 | 13 | 10 | 6 | 1 | 7 | 17 | 233 |
| 10:30 | 10:45 | 26 | 16 | 0 | 4 | 13 | 7 | 238 |
| 10:45 | 11:00 | 12 | 21 | 0 | 0 | 10 | 8 | 233 |
| 11:00 | 11:15 | 16 | 18 | 8 | 4 | 7 | 9 | 227 |
| 11:15 | 11:30 | 11 | 14 | 3 | 3 | 15 | 13 | |
| 11:30 | 11:45 | 23 | 11 | 2 | 3 | 11 | 11 | |
| 11:45 | 12:00 | 10 | 16 | 2 | 1 | 7 | 9 | |
| 12:00 | 12:15 | 11 | 7 | 4 | 0 | 13 | 14 | 209 |
| 12:15 | 12:30 | 13 | 16 | 5 | 3 | 16 | 2 | 202 |
| 12:30 | 12:45 | 12 | 14 | 5 | 6 | 4 | 17 | 194 |
| 12:45 | 13:00 | 6 | 15 | 8 | 4 | 12 | 2 | 186 |
| 13:00 | 13:15 | 11 | 5 | 5 | 4 | 10 | 7 | 193 |
| 13:15 | 13:30 | 12 | 15 | 2 | 2 | 10 | 6 | 190 |
| 13:30 | 13:45 | 18 | 12 | 6 | 1 | 4 | 9 | 176 |
| 13:45 | 14:00 | 13 | 18 | 4 | 3 | 8 | 8 | 180 |
| 14:00 | 14:15 | 13 | 7 | 1 | 3 | 6 | 9 | 177 |
| 14:15 | 14:30 | 10 | 7 | 6 | 2 | 1 | 7 | 163 |
| 14:30 | 14:45 | 13 | 13 | 7 | 1 | 7 | 13 | 174 |
| 14:45 | 15:00 | 12 | 13 | 5 | 2 | 7 | 12 | 162 |
| 15:00 | 15:15 | 7 | 10 | 3 | 2 | 2 | 1 | 172 |
| 15:15 | 15:30 | 13 | 9 | 0 | 8 | 3 | 11 | 205 |
| 15:30 | 15:45 | 12 | 12 | 6 | 2 | 7 | 3 | 202 |
| 15:45 | 16:00 | 19 | 14 | 6 | 1 | 9 | 12 | 184 |
| 16:00 | 16:15 | 10 | 23 | 10 | 3 | 7 | 5 | 169 |
| 16:15 | 16:30 | 12 | 9 | 7 | 1 | 3 | 9 | 153 |

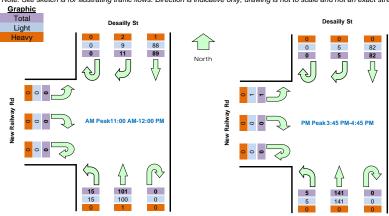
| 16:30 | 16:45 | 0 | 1 | 18 | 0 | 45 | 1 | 0 | 0 | 0 | 224 | |
|-------|-------|---|---|----|---|----|---|---|---|---|-----|--|
| 16:45 | 17:00 | 0 | 0 | 20 | 0 | 25 | 2 | 0 | 0 | 0 | 213 | |
| 17:00 | 17:15 | 0 | 0 | 30 | 0 | 26 | 3 | 0 | 0 | 0 | 219 | |
| 17:15 | 17:30 | 0 | 0 | 21 | 0 | 29 | 3 | 0 | 0 | 0 | | |
| 17:30 | 17:45 | 0 | 1 | 18 | 0 | 34 | 1 | 0 | 0 | 0 | | |
| 17:45 | 18:00 | 0 | 2 | 16 | 0 | 32 | 3 | 0 | 0 | 0 | | |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 11 | 89 | 0 | 101 | 15 | 0 | 0 | 0 | 216 |
| 15:45 | 16:45 | 0 | 5 | 82 | 0 | 141 | 5 | 0 | 0 | 1 | 234 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.

North

Desailly St



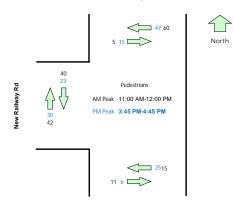
Desailly St

| Light Vehic | les | | | | | | | | , | |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|---------|
| Tir | me | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway |
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 8:00 | 8:15 | 0 | 1 | 9 | 0 | 7 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 0 | 15 | 0 | 10 | 2 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 13 | 0 | 15 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 1 | 16 | 0 | 10 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 1 | 15 | 0 | 17 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 17 | 0 | 14 | 2 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 11 | 0 | 18 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 1 | 20 | 0 | 22 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 1 | 14 | 0 | 25 | 3 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 1 | 25 | 0 | 19 | 6 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 2 | 17 | 0 | 31 | 2 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 2 | 18 | 0 | 23 | 6 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 1 | 27 | 0 | 18 | 7 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 14 | 0 | 34 | 4 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 3 | 27 | 0 | 22 | 2 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 4 | 20 | 0 | 26 | 2 | 0 | 0 | 0 |

| 16:30 | 16:45 | 6 | 7 | 2 | 1 | 4 | 4 | 148 |
|-------|-------|----|----|---|----|----|---|-----|
| 16:45 | 17:00 | 13 | 10 | 1 | 4 | 11 | 7 | 152 |
| 17:00 | 17:15 | 10 | 13 | 5 | 2 | 3 | 9 | 125 |
| 17:15 | 17:30 | 7 | 7 | 5 | 10 | 4 | 3 | |
| 17:30 | 17:45 | 7 | 6 | 3 | 0 | 6 | 6 | |
| 17:45 | 18:00 | 3 | 6 | 4 | 0 | 4 | 2 | |

| Peak Time | | North Approa | ch Desailly St | South Approa | ch Desailly St | West Approach N | Peak total | |
|--------------|------------|--------------|----------------|--------------|----------------|-----------------|------------|------------|
| Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | reak total |
| 11:00 | 12:00 | 60 | 59 | 15 | 11 | 40 | 42 | 227 |
| 15:45 | 16:45 | 47 | 53 | 25 | 6 | 23 | 30 | 184 |





Desailly St

| 12:00 | 12:15 | 0 | 3 | 18 | 0 | 20 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|----|---|----|---|---|---|---|
| 12:15 | 12:30 | 0 | 2 | 19 | 0 | 32 | 4 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 2 | 18 | 0 | 29 | 7 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 1 | 23 | 0 | 30 | 3 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 1 | 24 | 0 | 25 | 6 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 25 | 0 | 27 | 4 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 4 | 20 | 0 | 26 | 4 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 3 | 12 | 0 | 28 | 4 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 2 | 12 | 0 | 21 | 4 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 2 | 22 | 0 | 27 | 4 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 1 | 25 | 0 | 32 | 3 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 22 | 0 | 20 | 2 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 1 | 13 | 0 | 31 | 2 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 2 | 21 | 0 | 20 | 5 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 1 | 27 | 0 | 35 | 3 | 0 | 0 | 1 |
| 16:00 | 16:15 | 0 | 1 | 21 | 0 | 30 | 1 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 2 | 16 | 0 | 31 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 1 | 18 | 0 | 45 | 1 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 20 | 0 | 25 | 2 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 30 | 0 | 26 | 3 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 20 | 0 | 29 | 3 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 1 | 18 | 0 | 34 | 1 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 2 | 16 | 0 | 32 | 3 | 0 | 0 | 0 |

| Peak Time North Approach Desailly St South Approach Desailly St Approach New R | | | | | | | Railway I | Peak | | | |
|--|------------|---|---|----|---|-----|-----------|------|---|---|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 9 | 88 | 0 | 100 | 15 | 0 | 0 | 0 | 212 |
| 15:45 | 16:45 | 0 | 5 | 82 | 0 | 141 | 5 | 0 | 0 | 1 | 234 |

Heavy Vehicles

| Tii | me | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 8:00 | 8:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | eriod Start Period End | | R | SB | J | NB | L | J | R | L | total |
| 11:00 | 12:00 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| 15:45 | 16:45 | 0 | 0 | Ω | 0 | 0 | 0 | 0 | Λ | 0 | 0 |

| Tir | ne | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|
| Period Start | Period End | U | R | SB | U | NB | Ĺ | U | R | Ĺ |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Desailly St, Sale

| GPS | -38.105276, 147.0639 |
|-----------|----------------------|
| Date: | Thu 07/08/25 |
| Weather: | Overcast |
| Suburban: | |
| Customer: | BW |

| North: | Desailly St |
|--------|--------------|
| East: | MacArthur St |
| South: | Desailly St |
| West: | MacArthur St |

| Survey | AM: | 8:00 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-6:00 PM |
| Traffic | AM: | 10:45 AM-11:45 AM |
| Peak | PM: | 3:15 PM-4:15 PM |

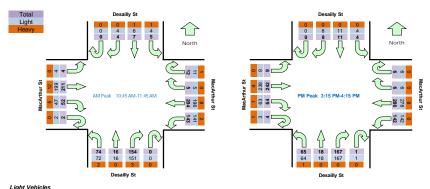
| All Vehicles | | Mari | h Annres | oh Does! | lly C+ | Eggt | Annrocal | h MacArth | ur Ct | 6 | ıth Ann-a | ach Doccill | , C+ | West | Annross | h Mac Art | hur Ct | Harri | y Total |
|--------------|------------------|------|----------|-----------------|--------|------|---------------|-----------|-------------|---|-----------|-------------------|-----------|------|---------|----------------|-------------|-------|----------|
| | me Period End | U | n Approa | sch Desai SB | L L | U | Approaci R | WB | lur St L | U | R R | ach Desaill NB | y St L | U | R | h MacArt EB | nur St L | Hour | Peak |
| 8:00 | 8:15 | 0 | 2 | 1 | 3 | 1 | 1 | 22 | 10 | 0 | 8 | 1 | 5 | 0 | 10 | 40 | 1 | 626 | reak |
| | | | | | | | | | | | | | | | | | | | |
| 8:15 | 8:30 | 0 | 6 | 0 | 2 | 0 | 8 | 35 | 23 | 0 | 20 | 2 | 2 | 0 | 9 | 61 | 2 | 693 | |
| 8:30 | 8:45 | 0 | 5 | 1 | 4 | 1 | 2 | 47 | 20 | 0 | 17 | 0 | 5 | 0 | 8 | 54 | 4 | 691 | |
| 8:45 | 9:00 | 0 | 2 | 0 | 3 | 0 | 1 | 50 | 28 | 0 | 10 | 2 | 7 | 0 | 10 | 69 | 1 | 689 | |
| 9:00 | 9:15 | 0 | 1 | 0 | 4 | 1 | 1 | 43 | 27 | 0 | 18 | 0 | 10 | 0 | 13 | 54 | 0 | 718 | |
| 9:15 | 9:30 | 0 | 1 | 1 | 3 | 3 | 1 | 50 | 24 | 0 | 23 | 3 | 11 | 0 | 9 | 39 | 0 | 749 | |
| 9:30 | 9:45 | 0 | 2 | 0 | 4 | 1 | 1 | 39 | 28 | 0 | 23 | 4 | 5 | 1 | 7 | 46 | 5 | 761 | |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 1 | 1 | 57 | 41 | 0 | 38 | 3 | 12 | 1 | 12 | 45 | 1 | 811 | |
| 10:00 | 10:15 | 0 | 3 | 3 | 3 | 0 | 1 | 41 | 26 | 0 | 39 | 2 | 11 | 0 | 14 | 57 | 3 | 802 | |
| 10:15 | 10:30 | 0 | 2 | 2 | 1 | 0 | 0 | 47 | 33 | 0 | 30 | 3 | 11 | 0 | 17 | 34 | 0 | 812 | |
| 10:30 | 10:45 | 0 | 2 | 2 | 2 | 0 | 1 | 69 | 27 | 0 | 46 | 3 | 8 | 0 | 15 | 40 | 1 | 866 | |
| 10:45 | 11:00 | 0 | 2 | 2 | 2 | 3 | 0 | 41 | 29 | 0 | 37 | 2 | 14 | 1 | 14 | 53 | 3 | 893 | Peak |
| 11:00 | 11:15 | 0 | 1 | 3 | 1 | 3 | 2 | 48 | 41 | 0 | 32 | 5 | 17 | 1 | 10 | 48 | 1 | 887 | |
| 11:15 | 11:30 | 0 | 0 | 2 | 1 | 4 | 1 | 56 | 31 | 0 | 49 | 6 | 20 | 0 | 16 | 48 | 0 | | |
| 11:30 | 11:45 | 0 | 1 | 0 | 1 | 2 | 2 | 59 | 42 | 0 | 36 | 3 | 23 | 0 | 12 | 62 | 0 | | |
| 11:45 | 12:00 | 0 | 1 | 1 | 0 | 2 | 2 | 54 | 30 | 0 | 33 | 2 | 12 | 0 | 8 | 52 | 0 | | |
| 12:00 | 12:15 | 0 | 1 | 0 | 1 | 2 | 3 | 59 | 36 | 0 | 29 | 4 | 19 | 1 | 20 | 59 | 5 | 966 | |
| 12:15 | 12:30 | 0 | 0 | 0 | 1 | 3 | 3 | 47 | 31 | 0 | 41 | 7 | 20 | 1 | 13 | 50 | 1 | 946 | |
| 12:30 | 12:45 | 0 | 5 | 2 | 2 | 3 | 1 | 56 | 37 | 0 | 52 | 3 | 13 | 1 | 12 | 65 | 3 | 952 | |
| 12:45 | 13:00 | 0 | 1 | 4 | 2 | 1 | 0 | 70 | 37 | 0 | 58 | 4 | 12 | 0 | 8 | 55 | 2 | 911 | |
| 13:00 | 13:15 | 0 | 1 | 1 | 2 | 3 | 4 | 46 | 39 | 0 | 35 | 5 | 15 | 1 | 14 | 51 | 2 | 866 | |
| 13:15 | 13:30 | 0 | 3 | 1 | 3 | 0 | 1 | 54 | 35 | 0 | 45 | 2 | 15 | 0 | 9 | 56 | 0 | 834 | |
| 13:30 | 13:45 | 0 | 5 | 1 | 0 | 2 | 3 | 44 | 30 | 0 | 50 | 2 | 13 | 1 | 10 | 52 | 1 | 824 | |
| 13:45 | 14:00 | 0 | 1 | 2 | 1 | 1 | 4 | 58 | 26 | 0 | 31 | 8 | 19 | 0 | 17 | 39 | 2 | 858 | |
| 14:00 | 14:15 | 0 | 2 | 1 | 2 | 0 | 0 | 46 | 24 | 0 | 37 | 8 | 11 | 0 | 10 | 44 | 2 | 858 | |
| 14:15 | 14:30 | 0 | 2 | 2 | 1 | 2 | 1 | 60 | 36 | 0 | 30 | 2 | 14 | 0 | 17 | 45 | 2 | 898 | |
| 14:30 | 14:45 | 0 | 1 | 3 | 3 | 1 | 3 | 57 | 42 | 0 | 58 | 4 | 16 | 1 | 9 | 47 | 3 | 919 | |
| 14:45 | 15:00 | 0 | 3 | 1 | 4 | 1 | 1 | 45 | 32 | 0 | 44 | 3 | 17 | 0 | 12 | 43 | 3 | 954 | |
| 15:00 | 15:15 | 0 | 3 | 1 | 2 | 1 | 2 | 76 | 31 | 0 | 38 | 6 | 13 | 0 | 6 | 47 | 1 | 1026 | |
| 15:15 | 15:30 | 0 | 1 | 3 | 0 | 0 | 0 | 61 | 28 | 0 | 38 | 1 | 16 | 0 | 20 | 66 | 1 | 1033 | Peak |
| 15:30 | 15:45 | 0 | 5 | 4 | 1 | 4 | 4 | 75 | 42 | 0 | 41 | 5 | 12 | 2 | 16 | 67 | 5 | 1008 | 1 Celk |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 1 | 2 | 76 | 44 | 1 | 48 | 5 | 22 | 2 | 18 | 60 | 1 | 939 | - |
| 16:00 | 16:15 | 0 | 2 | 4 | 2 | 1 | 0 | 74 | 28 | 0 | 40 | 7 | 15 | 0 | 10 | 49 | 2 | 877 | |
| | | | 0 | 2 | | 1 | | | 27 | | | | | 0 | | | 4 | | - |
| 16:15 | 16:30 | 0 | - | | 3 | | 1 | 45 | | 0 | 48 | 6 | 12 | | 11 | 50 | | 874 | - |
| 16:30 | 16:45 | 0 | 1 | 1 | 2 | 0 | 2 | 56 | 28 | 0 | 48 | 4 | 11 | 0 | 11 | 48 | 2 | 890 | |
| 16:45 | 17:00 | 0 | 4 | 0 | 0 | 2 | 1 | 60 | 29 | 0 | 39 | 3 | 7 | 0 | 12 | 60 | 2 | 863 | |
| 17:00 | 17:15 | 0 | 4 | 2 | 3 | 0 | 1 | 61 | 39 | 0 | 47 | 7 | 8 | 2 | 12 | 45 | 0 | 802 | |
| 17:15 | 17:30 | 0 | 3 | 1 | 4 | 4 | 4 | 59 | 18 | 0 | 43 | 4 | 14 | 0 | 17 | 53 | 2 | | <u> </u> |
| 17:30 | 17:45 | 0 | 3 | 2 | 4 | 0 | 1 | 54 | 23 | 0 | 39 | 10 | 9 | 0 | 9 | 33 | 0 | | |
| 17:45 | 18:00 | 0 | 3 | 0 | 3 | 1 | 1 | 28 | 22 | 0 | 31 | 7 | 18 | 0 | 5 | 38 | 1 | | |

| Peak | Peak Time North Approach Desailly St | | | | | East | Approacl | n MacArth | ur St | Soi | ıth Approa | ch Desaill | / St | West | Approac | h MacArth | nur St | Peak |
|--------------|--------------------------------------|---|---|----|---|------|----------|-----------|-------|-----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period Start Period End | | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 4 | 7 | 5 | 12 | 5 | 204 | 143 | 0 | 154 | 16 | 74 | 2 | 52 | 211 | 4 | 893 |
| 15:15 | 16:15 | 0 | 8 | 11 | 4 | 6 | 6 | 286 | 142 | 1 | 167 | 18 | 65 | 4 | 64 | 242 | 9 | 1033 |

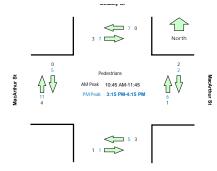
North Approach Desailly St | East Approach MacArthur St | South Approach Desailly St | West Approach MacArthur St | Peak Peak Time Period StarPeriod End Westbound Eastbound Southbound Northbound Westbound Eastbound Southbound Northbound hour total 10:45 11:45

17:45

18:00



| Light Vehic Ti | ime | Nor | th Approa | ach Desail | ly St | East | Approac | h MacArth | ur St | So | uth Approa | ch Desaill | y St | West | Approac | h MacArtl | hur St |
|-------------------|--------------|-----|-----------|------------|-------|------|---------|-----------|-------|----|------------|------------|------|------|---------|-----------|--------|
| | t Period End | | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 2 | 1 | 3 | 1 | 1 | 20 | 10 | 0 | 8 | 1 | 5 | 0 | 9 | 38 | 1 |
| 8:15 | 8:30 | 0 | 6 | 0 | 2 | 0 | 8 | 33 | 22 | 0 | 20 | 2 | 2 | 0 | 9 | 59 | 2 |
| 8:30 | 8:45 | 0 | 4 | 1 | 4 | 1 | 2 | 44 | 20 | 0 | 17 | 0 | 5 | 0 | 8 | 51 | 4 |
| 8:45 | 9:00 | 0 | 2 | 0 | 3 | 0 | 1 | 47 | 28 | 0 | 10 | 2 | 7 | 0 | 8 | 68 | 1 |
| 9:00 | 9:15 | 0 | 1 | 0 | 4 | 1 | 1 | 42 | 24 | 0 | 17 | 0 | 9 | 0 | 13 | 52 | 0 |
| 9:15 | 9:30 | 0 | 1 | 1 | 3 | 3 | 1 | 47 | 24 | 0 | 23 | 3 | 9 | 0 | 9 | 37 | 0 |
| 9:30 | 9:45 | 0 | 2 | 0 | 4 | 1 | 1 | 38 | 28 | 0 | 22 | 4 | 5 | 1 | 7 | 44 | 5 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 1 | 1 | 54 | 41 | 0 | 38 | 3 | 11 | 1 | 11 | 43 | 1 |
| 10:00 | 10:15 | 0 | 3 | 3 | 3 | 0 | 1 | 40 | 25 | 0 | 38 | 2 | 10 | 0 | 13 | 55 | 3 |
| 10:15 | 10:30 | 0 | 2 | 2 | 1 | 0 | 0 | 46 | 33 | 0 | 30 | 3 | 11 | 0 | 16 | 33 | 0 |
| 10:30 | 10:45 | 0 | 2 | 2 | 2 | 0 | 1 | 68 | 26 | 0 | 46 | 3 | 7 | 0 | 15 | 36 | 0 |
| 10:45 | 11:00 | 0 | 2 | 1 | 1 | 3 | 0 | 38 | 29 | 0 | 37 | 2 | 14 | 1 | 12 | 49 | 3 |
| 11:00 | 11:15 | 0 | 1 | 3 | 1 | 3 | 2 | 47 | 40 | 0 | 30 | 5 | 16 | 1 | 9 | 42 | 1 |
| 11:15 | 11:30 | 0 | 0 | 2 | 1 | 3 | 1 | 53 | 30 | 0 | 49 | 6 | 20 | 0 | 14 | 47 | 0 |
| 11:30 | 11:45 | 0 | 1 | 0 | 1 | 2 | 2 | 58 | 42 | 0 | 35 | 3 | 22 | 0 | 12 | 61 | 0 |
| 11:45 | 12:00 | 0 | 1 | 1 | 0 | 2 | 2 | 52 | 30 | 0 | 33 | 2 | 12 | 0 | 8 | 52 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 1 | 2 | 3 | 58 | 36 | 0 | 29 | 4 | 19 | 1 | 19 | 59 | 5 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 2 | 3 | 46 | 31 | 0 | 41 | 7 | 20 | 1 | 12 | 46 | 1 |
| 12:30 | 12:45 | 0 | 4 | 2 | 2 | 3 | 1 | 55 | 37 | 0 | 51 | 3 | 13 | 1 | 12 | 63 | 3 |
| 12:45 | 13:00 | 0 | 1 | 4 | 2 | 1 | 0 | 69 | 37 | 0 | 58 | 4 | 12 | 0 | 7 | 53 | 2 |
| 13:00 | 13:15 | 0 | 1 | 1 | 2 | 3 | 4 | 42 | 39 | 0 | 34 | 4 | 15 | 1 | 13 | 48 | 2 |
| 13:15 | 13:30 | 0 | 3 | 1 | 3 | 0 | 1 | 53 | 35 | 0 | 45 | 2 | 15 | 0 | 9 | 55 | 0 |
| 13:30 | 13:45 | 0 | 5 | 1 | 0 | 2 | 3 | 44 | 30 | 0 | 50 | 2 | 13 | 1 | 9 | 52 | 1 |
| 13:45 | 14:00 | 0 | 1 | 2 | 1 | 1 | 4 | 57 | 25 | 0 | 31 | 8 | 19 | 0 | 17 | 39 | 2 |
| 14:00 | 14:15 | 0 | 2 | 1 | 2 | 0 | 0 | 44 | 24 | 0 | 37 | 8 | 11 | 0 | 10 | 44 | 2 |
| 14:15 | 14:30 | 0 | 2 | 2 | 1 | 2 | 1 | 56 | 36 | 0 | 30 | 2 | 13 | 0 | 17 | 44 | 2 |
| 14:30 | 14:45 | 0 | 1 | 3 | 3 | 1 | 3 | 56 | 41 | 0 | 58 | 4 | 16 | 1 | 8 | 44 | 3 |
| 14:45 | 15:00 | 0 | 3 | 1 | 4 | 1 | 1 | 43 | 32 | 0 | 43 | 3 | 17 | 0 | 12 | 42 | 3 |
| 15:00 | 15:15 | 0 | 3 | 1 | 2 | 1 | 2 | 76 | 31 | 0 | 38 | 6 | 13 | 0 | 6 | 45 | 1 |
| 15:15 | 15:30 | 0 | 1 | 3 | 0 | 0 | 0 | 61 | 28 | 0 | 38 | 1 | 16 | 0 | 20 | 66 | 1 |
| 15:30 | 15:45 | 0 | 5 | 4 | 1 | 4 | 4 | 70 | 42 | 0 | 41 | 5 | 12 | 1 | 16 | 67 | 5 |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 1 | 2 | 74 | 44 | 1 | 48 | 5 | 21 | 2 | 17 | 59 | 1 |
| 16:00 | 16:15 | 0 | 2 | 4 | 2 | 1 | 0 | 73 | 28 | 0 | 40 | 7 | 15 | 0 | 10 | 46 | 2 |
| 16:15 | 16:30 | 0 | 0 | 2 | 3 | 1 | 1 | 45 | 27 | 0 | 48 | 6 | 12 | 0 | 11 | 49 | 4 |
| 16:30 | 16:45 | 0 | 1 | 1 | 2 | 0 | 2 | 56 | 28 | 0 | 48 | 4 | 11 | 0 | 10 | 48 | 2 |
| 16:45 | 17:00 | 0 | 4 | 0 | 0 | 2 | 1 | 60 | 29 | 0 | 39 | 3 | 7 | 0 | 12 | 58 | 2 |
| 17:00 | 17:15 | 0 | 4 | 2 | 3 | 0 | 1 | 61 | 39 | 0 | 47 | 7 | 8 | 2 | 12 | 44 | 0 |
| 17:15 | 17:30 | 0 | 3 | 1 | 4 | 4 | 4 | 59 | 18 | 0 | 43 | 4 | 14 | 0 | 16 | 53 | 2 |



| 1 | 17:30 | 17:45 | 0 | 2 | 2 | 4 | 0 | 4 | 54 | 23 | 0 | 39 | 10 | _ | 0 | 0 | 33 | 0 |
|---|-------|-------|---|---|---|---|---|---|----|----|---|----|----|----|---|---|----|---|
| | 17.30 | 17.45 | U | 3 | 2 | 4 | U | | 34 | 23 | U | 39 | 10 | 9 | U | 9 | 33 | U |
| | 17:45 | 18:00 | 0 | 3 | 0 | 3 | 1 | 1 | 28 | 22 | 0 | 31 | 7 | 18 | 0 | 5 | 38 | 1 |

| Peak | Time | Nort | h Approa | ach Desail | ly St | East | Approacl | n MacArth | ur St | Sou | ıth Approa | ch Desaill | y St | West | Approac | h MacArti | nur St | Peak |
|--------------|-------|------|----------|------------|-------|------|----------|-----------|-------|-----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | | | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 4 | 6 | 4 | 11 | 5 | 196 | 141 | 0 | 151 | 16 | 72 | 2 | 47 | 199 | 4 | 858 |
| 15:15 | 16:15 | 0 | 8 | 11 | 4 | 6 | 6 | 278 | 142 | 1 | 167 | 18 | 64 | 3 | 63 | 238 | 9 | 1018 |

| Tir | cles me | Nort | h Approa | ch Desail | lv St | East | Approach | n MacArth | ur St | Sou | uth Approx | ch Desaill | v St | West | Approac | h MacArtl | hur St |
|-------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|------------|------|------|---------|-----------|--------|
| | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 8:30 | 8:45 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 1 |
| 10:45 | 11:00 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 1 | 6 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 |
| 12:30 | 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 3 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approa | ch Desail | ly St | East | Approach | n MacArth | ur St | Sou | uth Approa | ch Desailly | y St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 0 | 1 | 1 | 1 | 0 | 8 | 2 | 0 | 3 | 0 | 2 | 0 | 5 | 12 | 0 | 35 |
| 15:15 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 0 | 15 |

| Tir | me | Nort | h Approa | ch Desail | ly St | East | Approach | n MacArth | ur St | Soi | uth Approa | ach Desaill | y St | West | Approac | h MacArti | nur St |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-------------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | Г |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 8:15 | 8:30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY TURNING MOVEMENT SURVEY TURNING MOVEMENT SURVEY TO TRANSPORT T

Intersection of MacArthur St and Pearson St, Sale

North: Pearson St
East: MacArthur St
South: Pearson St
West: MacArthur St

 Survey
 AM:
 8:00 AM-12:00 PM

 Period
 PM:
 12:00 PM-6:00 PM

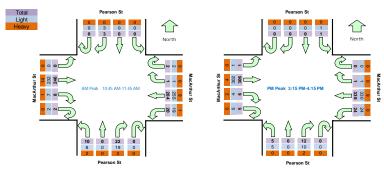
 Traffic
 AM:
 10:45 AM-11:45 AM
 Peak PM: 3:15 PM-4:15 PM

| Period Start 8:00 8:15 8:30 | Period End 8:15 | U | R Approa | ch Pearso | L | U | | h MacArth | | | uth Approa | Un Fear SO | 11 31 | | Approac | | | | y Total |
|--------------------------------------|--------------------|---|----------|-----------|---|---|---|-----------|----|---|------------|------------|-------|---|---------|----|---|------|---------|
| 8:00 8:15 | 8:15 | | | | | | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 8:15 | | 0 | 0 | 0 | 1 | 0 | 1 | 23 | 4 | 0 | 1 | 0 | 0 | 0 | 2 | 50 | 0 | 482 | 1 Gar |
| | 8:30 | 0 | 1 | 0 | 1 | 0 | 0 | 33 | 6 | 0 | 1 | 0 | 3 | 0 | 5 | 70 | 0 | 527 | |
| | 8:45 | 0 | 0 | 0 | 2 | 0 | 1 | 50 | 6 | 0 | 2 | 0 | 1 | 2 | 6 | 63 | 0 | 533 | |
| 8:45 | 9:00 | 0 | 0 | 0 | 1 | 0 | 0 | 53 | 3 | 0 | 0 | 0 | 1 | 1 | 10 | 77 | 1 | 512 | |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 3 | 0 | 5 | 0 | 0 | 1 | 5 | 62 | 0 | 499 | 1 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 6 | 0 | 4 | 0 | 7 | 1 | 4 | 45 | 0 | 509 | |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 2 | 0 | 2 | 0 | 4 | 0 | 4 | 56 | 0 | 496 | |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 1 | 64 | 3 | 0 | 3 | 0 | 2 | 0 | 5 | 56 | 0 | 528 | |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 1 | 0 | 3 | 0 | 3 | 1 | 3 | 71 | 0 | 528 | |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 1 | 0 | 53 | 1 | 0 | 5 | 0 | 2 | 0 | 6 | 45 | 0 | 529 | |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 3 | 0 | 4 | 0 | 5 | 0 | 7 | 53 | 0 | 561 | |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 1 | 53 | 5 | 0 | 4 | 0 | 2 | 1 | 0 | 68 | 0 | 578 | Pea |
| 11:00 | 11:15 | 0 | 2 | 0 | 0 | 1 | 0 | 63 | 4 | 0 | 6 | 0 | 4 | 0 | 4 | 54 | 0 | 577 | |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 66 | 8 | 0 | 5 | 0 | 2 | 1 | 2 | 60 | 0 | | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 1 | 0 | 82 | 3 | 0 | 7 | 0 | 2 | 0 | 2 | 64 | 0 | | |
| 11:45 | 12:00 | 0 | 0 | 0 | 3 | 1 | 1 | 61 | 6 | 0 | 6 | 0 | 2 | 1 | 0 | 52 | 0 | | |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 1 | 0 | 71 | 7 | 0 | 6 | 0 | 2 | 0 | 5 | 77 | 0 | 631 | |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 4 | 0 | 6 | 0 | 2 | 1 | 3 | 63 | 1 | 596 | |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 4 | 0 | 9 | 0 | 6 | 0 | 1 | 72 | 1 | 589 | |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 1 | 79 | 6 | 0 | 2 | 0 | 2 | 0 | 4 | 61 | 0 | 565 | |
| 13:00 | 13:15 | 0 | 2 | 0 | 0 | 2 | 0 | 58 | 3 | 0 | 7 | 0 | 2 | 0 | 2 | 58 | 1 | 551 | |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 7 | 0 | 4 | 0 | 0 | 0 | 3 | 61 | 0 | 538 | |
| 13:30 | 13:45 | 0 | 1 | 0 | 0 | 0 | 1 | 54 | 7 | 0 | 6 | 0 | 2 | 0 | 6 | 58 | 0 | 548 | |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 12 | 0 | 7 | 0 | 4 | 0 | 4 | 47 | 0 | 550 | |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 1 | 54 | 5 | 0 | 3 | 0 | 3 | 0 | 2 | 53 | 0 | 537 | |
| 14:15 | 14:30 | 0 | 0 | 0 | 1 | 1 | 0 | 72 | 3 | 0 | 4 | 0 | 5 | 0 | 2 | 61 | 0 | 573 | |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 1 | 0 | 66 | 5 | 0 | 10 | 0 | 1 | 1 | 1 | 50 | 1 | 593 | |
| 14:45 | 15:00 | 0 | 1 | 0 | 0 | 0 | 0 | 64 | 2 | 0 | 6 | 1 | 3 | 1 | 3 | 47 | 1 | 643 | |
| 15:00 | 15:15 | 0 | 1 | 0 | 2 | 0 | 2 | 91 | 4 | 0 | 3 | 0 | 1 | 1 | 2 | 50 | 1 | 697 | |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 7 | 0 | 2 | 0 | 0 | 1 | 0 | 88 | 1 | 700 | Pea |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 9 | 0 | 5 | 0 | 2 | 3 | 2 | 82 | 0 | 666 | |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 0 | 1 | 95 | 4 | 0 | 2 | 0 | 1 | 0 | 3 | 76 | 0 | 608 | |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 4 | 0 | 3 | 0 | 2 | 1 | 1 | 60 | 0 | 576 | |
| 16:15 | 16:30 | 0 | 0 | 0 | 2 | 0 | 2 | 57 | 1 | 0 | 5 | 0 | 5 | 0 | 4 | 59 | 0 | 551 | |
| 16:30 | 16:45 | 0 | 0 | 0 | 1 | 0 | 1 | 65 | 1 | 0 | 7 | 0 | 0 | 0 | 3 | 51 | 0 | 560 | |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 2 | 69 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 73 | 1 | 540 | |
| 17:00 | 17:15 | 0 | 1 | 0 | 0 | 1 | 0 | 72 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 51 | 3 | 482 | |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 1 | 0 | 70 | 3 | 0 | 5 | 0 | 2 | 0 | 1 | 62 | 0 | | |
| 17:30 | 17:45 | 0 | 0 | 0 | 2 | 0 | 1 | 67 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 37 | 0 | | |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 1 | 46 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 41 | 0 | | |

| Peak | Time | Nort | h Approa | ch Pearse | on St | East | Approacl | h MacArth | nur St | So | uth Approa | ch Pearson | n St | West | Approac | h MacArti | hur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|--------|----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | С | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 3 | 0 | 0 | 2 | 1 | 264 | 20 | 0 | 22 | 0 | 10 | 2 | 8 | 246 | 0 | 578 |
| 15:15 | 16:15 | 0 | 0 | 0 | 1 | 0 | 1 | 339 | 24 | 0 | 12 | 0 | 5 | 5 | 6 | 306 | 1 | 700 |

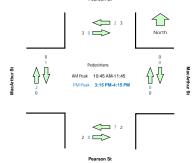
| | me | | | | | | | West Approac | | lourly Tota |
|-------|------------|-----------|-----------|------------|---|-----------|-----------|--------------|---|-------------|
| | Period End | Westbound | Eastbound | Southbound | | Westbound | Eastbound | Southbound | | |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 14 |
| 8:15 | 8:30 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 15 |
| 8:30 | 8:45 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 13 |
| 8:45 | 9:00 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 11 |
| 9:00 | 9:15 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 9 |
| 9:15 | 9:30 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 9:30 | 9:45 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 14 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 14 |
| 10:00 | 10:15 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 15 |
| 10:15 | 10:30 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 10:30 | 10:45 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 13 |
| 10:45 | 11:00 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 10 |
| 11:00 | 11:15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 11:15 | 11:30 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 12:00 | 12:15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 10 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 9 |
| 12:30 | 12:45 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| 12:45 | 13:00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 8 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| 13:30 | 13:45 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 10 |
| 14:15 | 14:30 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 10 |
| 14:30 | 14:45 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 11 |
| 14:45 | 15:00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 10 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 12 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 11 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 |
| 16:00 | 16:15 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 14 |
| 16:15 | 16:30 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 12 |
| 16:45 | 17:00 | 2 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 13 |
| 17:00 | 17:15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 |
| 17:15 | 17:30 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | |
| 17:45 | 18:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |

| | Peak | Time | North Approa | ch Pearson St | East Approach | n MacArthur St | South Approa | ch Pearson St | West Approach | h MacArthur St | Peak |
|---|-------------|------------|--------------|---------------|---------------|----------------|--------------|---------------|---------------|----------------|------------|
| F | Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| | 10:45 | 11:45 | 3 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 10 |
| | 15:15 | 16:15 | 2 | 0 | 0 | 0 | 7 | 0 | 1 | 2 | 12 |



Light Vehicles

| Light Vehic | ime | Mor | th Annroa | ch Pears | nn Ct | East | Annross | h MacArth | ur Ct | Co | uth Approx | ich Pearso | n Ct | Wood | Approac | h MacArt | hur Ct |
|-------------|------------------|-----|-----------|----------|-------|------|--------------|-----------|-------|----|------------|------------|-------|------|--------------|----------|--------|
| | me Period End | U | n Approa | SB | on St | U | Approac R | WB | L L | U | utn Approa | NB | ıı ət | U | Approac R | EB | nur St |
| 8:00 | 8:15 | 0 | 0 | 0 | 1 | 0 | 1 | 21 | 4 | 0 | 1 | 0 | 0 | 0 | 2 | 47 | 0 |
| 8:15 | 8:30 | 0 | 1 | 0 | 1 | 0 | 0 | 31 | 6 | 0 | 1 | 0 | 2 | 0 | 4 | 67 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 2 | 0 | 1 | 47 | 5 | 0 | 1 | 0 | 1 | 2 | 4 | 62 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 1 | 0 | 0 | 50 | 3 | 0 | 0 | 0 | 1 | 1 | 10 | 74 | 1 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 3 | 0 | 5 | 0 | 0 | 1 | 5 | 60 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 6 | 0 | 4 | 0 | 5 | 1 | 4 | 43 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2 | 0 | 2 | 0 | 3 | 0 | 4 | 54 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 1 | 60 | 3 | 0 | 3 | 0 | 2 | 0 | 4 | 53 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 1 | 0 | 3 | 0 | 2 | 1 | 3 | 68 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 1 | 0 | 52 | 1 | 0 | 5 | 0 | 2 | 0 | 6 | 43 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 3 | 0 | 2 | 0 | 5 | 0 | 5 | 50 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 1 | 51 | 4 | 0 | 4 | 0 | 2 | 1 | 0 | 62 | 0 |
| 11:00 | 11:15 | 0 | 2 | 0 | 0 | 1 | 0 | 61 | 4 | 0 | 5 | 0 | 2 | 0 | 3 | 48 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 63 | 8 | 0 | 4 | 0 | 2 | 1 | 2 | 58 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 1 | 0 | 80 | 3 | 0 | 6 | 0 | 2 | 0 | 2 | 64 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 3 | 1 | 1 | 59 | 6 | 0 | 6 | 0 | 2 | 1 | 0 | 52 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 1 | 0 | 71 | 6 | 0 | 6 | 0 | 2 | 0 | 4 | 76 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 3 | 0 | 4 | 0 | 1 | 1 | 3 | 60 | 1 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 4 | 0 | 9 | 0 | 4 | 0 | 1 | 70 | 1 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 1 | 77 | 6 | 0 | 2 | 0 | 2 | 0 | 3 | 58 | 0 |
| 13:00 | 13:15 | 0 | 2 | 0 | 0 | 2 | 0 | 56 | 2 | 0 | 6 | 0 | 1 | 0 | 2 | 55 | 1 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 7 | 0 | 4 | 0 | 0 | 0 | 3 | 60 | 0 |
| 13:30 | 13:45 | 0 | 1 | 0 | 0 | 0 | 1 | 53 | 7 | 0 | 6 | 0 | 2 | 0 | 5 | 57 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 12 | 0 | 7 | 0 | 4 | 0 | 4 | 47 | 0 |
| 14:00 | 14:15 | 0 | 1 | 0 | 0 | 0 | 1 | 53 | 4 | 0 | 3 | 0 | 2 | 0 | 2 | 53 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 1 | 1 | 0 | 68 | 2 | 0 | 4 | 0 | 5 | 0 | 2 | 59 | 0 |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 1 | 0 | 65 | 5 | 0 | 8 | 0 | 1 | 1 | 1 | 49 | 1 |
| 14:45 | 15:00 | 0 | 1 | 0 | 0 | 0 | 0 | 62 | 2 | 0 | 6 | 0 | 3 | 1 | 3 | 46 | 1 |
| 15:00 | 15:15 | 0 | 1 | 0 | 1 | 0 | 2 | 91 | 4 | 0 | 3 | 0 | 1 | 1 | 2 | 49 | 1 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 7 | 0 | 2 | 0 | 0 | 1 | 0 | 88 | 1 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 9 | 0 | 5 | 0 | 2 | 3 | 2 | 81 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 1 | 0 | 1 | 93 | 4 | 0 | 2 | 0 | 1 | 0 | 2 | 74 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 4 | 0 | 1 | 0 | 2 | 1 | 0 | 59 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 2 | 0 | 2 | 57 | 1 | 0 | 5 | 0 | 5 | 0 | 4 | 58 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 1 | 0 | 1 | 65 | 1 | 0 | 6 | 0 | 0 | 0 | 3 | 50 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 2 | 69 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 72 | 1 |
| 17:00 | 17:15 | 0 | 1 | 0 | 0 | 1 | 0 | 72 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 50 | 3 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 1 | 0 | 70 | 3 | 0 | 5 | 0 | 2 | 0 | 1 | 61 | 0 |



| 17:30 | 17:45 | 0 | 0 | 0 | 2 | 0 | 1 | 67 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 37 | 0 |
|-------|-------|---|---|---|---|---|---|----|---|---|---|---|---|---|---|----|---|
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 1 | 46 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 41 | 0 |

| Peak | Time | Nort | th Approa | ch Pears | on St | East | Approac | h MacArti | nur St | So | uth Approa | ch Pearso | n St | West | Approac | h MacArt | nur St | Peak |
|--------------|------------|------|-----------|----------|-------|------|---------|-----------|--------|----|------------|-----------|------|------|---------|----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 3 | 0 | 0 | 2 | 1 | 255 | 19 | 0 | 19 | 0 | 8 | 2 | 7 | 232 | 0 | 548 |
| 15:15 | 16:15 | 0 | 0 | 0 | 1 | 0 | 1 | 330 | 24 | 0 | 10 | 0 | 5 | 5 | 4 | 302 | 1 | 683 |

Heavy Vehicles

| Heavy Vehi | | N. | | at Dan | 04 | F | | - MA ·· | C4 | | 41- 4 | at Dana | 04 | 144. | | h Maat " | h Ct |
|----------------|------------------|----|--|--------|----|-----------|--------------|-----------------|-------|---|------------|-----------------|------|------|--------------|----------------|--------|
| | me Period End | | U R SB L 0 0 0 0 | | | East U | Approac R | h MacArth WB | ur St | U | uth Approa | ch Pearso NB | n St | West | Approac R | h MacArt EB | hur St |
| 8:00 | 8:15 | | | | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 3 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 6 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 3 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 3 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 - | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 14:45 15:00 | 15:00 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15:15 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | - | _ | | _ | | | | | | _ | | | | | | |

| Peak | Time | Nort | h Approa | ch Pearse | on St | East | Approacl | h MacArth | nur St | So | uth Approa | ch Pearso | n St | West | Approacl | h MacArth | nur St | Peak |
|--------------|------------------------------|------|----------|-----------|-------|------|----------|-----------|--------|----|------------|-----------|------|------|----------|-----------|--------|-------|
| Period Start | od Start Period End U R SB L | | | | | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 3 | 0 | 2 | 0 | 1 | 14 | 0 | 30 |
| 15:15 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 4 | 0 | 17 |

| Tir | me | Nort | h Approa | ch Pears | on St | East | Approacl | h MacArth | ur St | Sou | uth Approa | ch Pearso | n St | West | Approac | h MacArth | nur St |
|--------------|------------|------|----------|----------|-------|------|----------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | T . | T - | T - | | _ | T - | T - | T - | T - | | | | T - | | | |
|-------|-------|-----|-----|-----|---|---|-----|-----|-----|-----|---|---|---|-----|---|---|---|
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9:45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY TURNING MOVEMENT SURVEY TURNING MOVEMENT SURVEY TURNING MOVEMENT SURVEY

Intersection of MacArthur St and Raymond St, Sale

| GPS - 38.105216, 147.065458 |
| Date: Thu 07/08/25 |
| Weather: Overcast |
| Suburban: Sale |
| Customer: BW

North: Raymond St East: MacArthur St South: Raymond St West: MacArthur St

 Survey
 AM:
 8:00 AM-12:00 PM

 Period
 PM:
 12:00 PM-6:00 PM

 Traffic
 AM:
 10:45 AM-11:45 AM

 Peak
 PM:
 12:00 PM-1:00 PM

All Vehicles

| All venicles | | | | | | | | | | | | | | | | | | | |
|--------------|------------------|------------|----------|--------------|-------|-----------|-----|-----------------|----------|-----|------------|-----------------|----|------|----|----------|--------|-------------|-----------------|
| | me Period End | Norti U | h Approa | | nd St | East U | | h MacArti WB | | Sou | | ch Raymor | | West | | h MacArt | | | y Total Peak |
| 8:00 | 8:15 | 0 | 7 | SB 20 | 10 | 0 | 1 1 | 23 | 9 | 1 | R 5 | NB 15 | 4 | 1 | 13 | 31 | 8 8 | Hour 952 | Peak |
| 8:15 | 8:30 | 0 | 22 | 26 | 15 | 0 | 8 | 41 | 11 | 5 | 4 | 19 | 7 | 0 | 12 | 55 | 14 | 1067 | |
| 8:30 | 8:45 | 1 | 22 | 42 | 15 | 0 | 8 | 36 | 20 | 1 | 12 | 30 | 8 | 0 | 10 | 50 | 15 | 1090 | |
| 8:45 | 9:00 | 0 | 17 | 44 | 23 | 0 | 7 | 55 | 27 | 13 | 8 | 16 | 8 | 0 | 16 | 47 | 14 | 1113 | - |
| | 9:00 | 1 | 16 | 25 | | 2 | 9 | 45 | | 9 | 18 | 18 | 10 | 0 | 23 | 34 | 19 | 1106 | - |
| 9:00 9:15 | 9:15 | 0 | 19 | 23 | 14 | 2 | 12 | 45 | 20 26 | 4 | 16 | 22 | 17 | 0 | 19 | 32 | 15 | 1135 | - |
| 9:30 | 9:45 | 1 | 23 | 33 | 16 | 2 | 10 | 39 | 28 | 10 | 14 | 26 | 18 | 1 | 13 | 42 | 17 | 1144 | |
| 9:45 | 10:00 | 0 | 26 | 35 | 10 | 0 | 14 | 57 | 15 | 11 | 12 | 18 | 5 | 0 | 17 | 49 | 19 | 1180 | |
| 10:00 | 10:00 | 1 | 15 | 35 | 13 | 1 | 9 | 39 | 28 | 7 | 16 | 18 | 15 | 0 | 25 | 56 | 14 | 1233 | - |
| 10:15 | 10:30 | 1 | 19 | 28 | 6 | 1 | 13 | 43 | 30 | 5 | 20 | 16 | 20 | 0 | 19 | 36 | 14 | 1233 | - |
| 10:30 | 10:45 | 3 | 23 | 32 | 16 | 0 | 15 | 50 | 28 | 6 | 19 | 27 | 22 | 0 | 16 | 51 | 21 | 1311 | - |
| 10:30 | 11:00 | 0 | 23 | 27 | 17 | 2 | 16 | 44 | 43 | 9 | 25 | 26 | 15 | 0 | 20 | 55 | 19 | 1318 | Peak |
| 11:00 | 11:15 | 2 | 18 | 28 | 15 | 2 | 11 | 54 | 23 | 7 | 9 | 24 | 17 | 0 | 20 | 51 | 16 | 1292 | reak |
| 11:15 | 11:30 | 1 | 35 | 24 | 24 | 1 | 14 | 43 | 27 | 9 | 17 | 33 | 18 | 0 | 16 | 57 | 25 | 1232 | - |
| 11:30 | 11:45 | 1 | 19 | 25 | 23 | 2 | 9 | 53 | 29 | 12 | 16 | 25 | 24 | 2 | 18 | 56 | 22 | | |
| 11:45 | 12:00 | 1 | 24 | 22 | 18 | 3 | 12 | 47 | 29 | 11 | 17 | 22 | 19 | 2 | 12 | 56 | 20 | | - |
| 12:00 | 12:00 | 1 | 23 | 41 | 14 | 6 | 10 | 56 | 36 | 10 | 25 | 25 | 21 | 1 | 20 | 54 | 15 | 1453 | Peak |
| 12:15 | 12:30 | 2 | 28 | 29 | 14 | 5 | 15 | 39 | 37 | 13 | 21 | 34 | 18 | 0 | 13 | 67 | 19 | 1409 | reak |
| 12:30 | 12:45 | 2 | 24 | 29 | 18 | 8 | 9 | 45 | 33 | 11 | 24 | 26 | 24 | 0 | 28 | 65 | 24 | 1403 | |
| 12:45 | 13:00 | 3 | 21 | 14 | 20 | 8 | 18 | 68 | 23 | 5 | 13 | 30 | 24 | 1 | 23 | 75 | 25 | 1378 | |
| 13:00 | 13:15 | 3 | 34 | 30 | 19 | 4 | 7 | 44 | 28 | 5 | 16 | 18 | 14 | 3 | 23 | 47 | 19 | 1319 | |
| 13:15 | 13:30 | 0 | 25 | 28 | 16 | 2 | 18 | 53 | 27 | 7 | 19 | 29 | 19 | 0 | 20 | 65 | 20 | 1298 | |
| 13:30 | 13:45 | 3 | 21 | 21 | 14 | 4 | 10 | 47 | 35 | 12 | 18 | 39 | 11 | 0 | 19 | 69 | 22 | 1275 | |
| 13:45 | 14:00 | 6 | 24 | 26 | 22 | 1 | 10 | 49 | 21 | 11 | 23 | 28 | 19 | 0 | 15 | 47 | 10 | 1265 | |
| 14:00 | 14:15 | 2 | 21 | 30 | 17 | 0 | 8 | 37 | 28 | 4 | 25 | 22 | 16 | 0 | 9 | 55 | 19 | 1262 | |
| 14:15 | 14:30 | 1 | 20 | 23 | 16 | 3 | 13 | 67 | 35 | 3 | 26 | 24 | 13 | 0 | 21 | 48 | 12 | 1283 | |
| 14:30 | 14:45 | 1 | 25 | 14 | 19 | 1 | 10 | 58 | 25 | 6 | 25 | 19 | 25 | 0 | 24 | 61 | 22 | 1305 | |
| 14:45 | 15:00 | 1 | 28 | 31 | 9 | 1 | 16 | 41 | 34 | 5 | 18 | 26 | 12 | 0 | 17 | 55 | 15 | 1340 | |
| 15:00 | 15:15 | 2 | 28 | 24 | 10 | 1 | 6 | 56 | 28 | 3 | 20 | 22 | 18 | 0 | 15 | 63 | 18 | 1393 | |
| 15:15 | 15:30 | 0 | 23 | 33 | 9 | 3 | 13 | 65 | 25 | 5 | 15 | 35 | 17 | 0 | 21 | 57 | 26 | 1438 | † |
| 15:30 | 15:45 | 1 | 28 | 34 | 15 | 1 | 8 | 71 | 21 | 6 | 13 | 29 | 26 | 0 | 23 | 66 | 28 | 1414 | † |
| 15:45 | 16:00 | 0 | 27 | 29 | 15 | 2 | 10 | 73 | 26 | 17 | 15 | 28 | 16 | 1 | 21 | 61 | 21 | 1373 | |
| 16:00 | 16:15 | 0 | 17 | 33 | 18 | 0 | 12 | 58 | 28 | 7 | 24 | 44 | 17 | 0 | 17 | 63 | 21 | 1334 | |
| 16:15 | 16:30 | 1 | 23 | 26 | 14 | 2 | 12 | 38 | 33 | 6 | 23 | 29 | 16 | 0 | 19 | 61 | 20 | 1321 | † |
| 16:30 | 16:45 | 2 | 21 | 25 | 17 | 3 | 13 | 50 | 19 | 8 | 22 | 32 | 18 | 1 | 25 | 57 | 16 | 1289 | † |
| 16:45 | 17:00 | 2 | 31 | 22 | 16 | 2 | 10 | 52 | 24 | 11 | 15 | 21 | 13 | 0 | 17 | 63 | 24 | 1222 | † |
| 17:00 | 17:15 | 0 | 22 | 31 | 12 | 2 | 13 | 64 | 23 | 8 | 27 | 32 | 16 | 0 | 13 | 66 | 17 | 1103 | † |
| 17:15 | 17:30 | 1 | 13 | 22 | 9 | 3 | 9 | 44 | 25 | 4 | 13 | 28 | 18 | 0 | 16 | 66 | 20 | | † |
| 17:30 | 17:45 | 0 | 23 | 18 | 16 | 2 | 14 | 40 | 28 | 2 | 17 | 13 | 15 | 0 | 15 | 45 | 14 | | |
| 17:45 | 18:00 | 2 | 14 | 10 | 8 | 2 | 4 | 29 | 12 | 2 | 9 | 25 | 11 | 0 | 8 | 50 | 18 | | † |
| | | _ | | _ | _ | _ | _ | | | | _ | | | | | | | 1 | |

| | Peak | Time | North | n Approac | h Raymo | nd St | East | Approach | h MacArth | nur St | Sou | th Approa | ch Raymor | d St | West | Approac | h MacArt | hur St | Peak |
|----|-------------|------------------------------|-------|-----------|---------|-------|------|----------|-----------|--------|-----|-----------|-----------|------|------|---------|----------|--------|------|
| Pe | eriod Start | od Start Period End U R SB L | | | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total | |
| | 10:45 | 11:45 | 4 | 95 | 104 | 79 | 7 | 50 | 194 | 122 | 37 | 67 | 108 | 74 | 2 | 74 | 219 | 82 | 1318 |
| | 12:00 | 13:00 | 8 | 96 | 113 | 66 | 27 | 52 | 208 | 129 | 39 | 83 | 115 | 87 | 2 | 84 | 261 | 83 | 1453 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.











| | ns Crossing | | | | | | | | | |
|-------|-------------|---|--------------|------------|------------|-----------|-----------|--------------|------------|-------------|
| | me | | h Raymond St | | | | | West Approac | | lourly Tota |
| | Period End | | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | |
| 8:00 | 8:15 | 1 | 1 | 1 | 2 | 2 | 0 | 3 | 2 | 58 |
| 8:15 | 8:30 | 3 | 0 | 6 | 2 | 0 | 1 | 3 | 3 | 61 |
| 8:30 | 8:45 | 2 | 1 | 4 | 4 | 0 | 0 | 5 | 1 | 66 |
| 8:45 | 9:00 | 0 | 2 | 2 | 3 | 1 | 1 | 0 | 2 | 70 |
| 9:00 | 9:15 | 0 | 1 | 4 | 2 | 3 | 2 | 1 | 2 | 74 |
| 9:15 | 9:30 | 1 | 3 | 7 | 6 | 1 | 1 | 2 | 2 | 89 |
| 9:30 | 9:45 | 0 | 0 | 3 | 4 | 4 | 3 | 5 | 2 | 90 |
| 9:45 | 10:00 | 0 | 1 | 2 | 4 | 1 | 1 | 2 | 4 | 84 |
| 10:00 | 10:15 | 0 | 0 | 9 | 4 | 4 | 1 | 4 | 8 | 90 |
| 10:15 | 10:30 | 2 | 1 | 4 | 3 | 1 | 1 | 5 | 7 | 95 |
| 10:30 | 10:45 | 0 | 3 | 3 | 5 | 0 | 1 | 2 | 1 | 110 |
| 10:45 | 11:00 | 2 | 1 | 5 | 3 | 2 | 1 | 6 | 1 | 126 |
| 11:00 | 11:15 | 0 | 2 | 4 | 7 | 5 | 8 | 5 | 4 | 156 |
| 11:15 | 11:30 | 1 | 2 | 7 | 13 | 3 | 4 | 3 | 6 | |
| 11:30 | 11:45 | 2 | 2 | 4 | 5 | 7 | 3 | 3 | 5 | |
| 11:45 | 12:00 | 5 | 2 | 18 | 10 | 5 | 6 | 3 | 2 | |
| 12:00 | 12:15 | 4 | 0 | 7 | 5 | 7 | 6 | 9 | 8 | 205 |
| 12:15 | 12:30 | 1 | 4 | 14 | 16 | 1 | 6 | 6 | 6 | 206 |
| 12:30 | 12:45 | 4 | 0 | 13 | 10 | 10 | 13 | 3 | 7 | 195 |
| 12:45 | 13:00 | 4 | 2 | 3 | 7 | 4 | 7 | 9 | 9 | 174 |
| 13:00 | 13:15 | 7 | 0 | 4 | 6 | 8 | 1 | 9 | 12 | 152 |
| 13:15 | 13:30 | 4 | 5 | 7 | 8 | 3 | 2 | 10 | 4 | 139 |
| 13:30 | 13:45 | 2 | 5 | 4 | 5 | 3 | 7 | 5 | 8 | 127 |
| 13:45 | 14:00 | 1 | 4 | 2 | 4 | 4 | 5 | 1 | 2 | 125 |
| 14:00 | 14:15 | 4 | 2 | 6 | 8 | 2 | 2 | 3 | 7 | 126 |
| 14:15 | 14:30 | 3 | 0 | 6 | 7 | 3 | 5 | 5 | 2 | 107 |
| 14:30 | 14:45 | 1 | 2 | 5 | 10 | 4 | 6 | 6 | 3 | 101 |
| 14:45 | 15:00 | 0 | 0 | 3 | 4 | 3 | 0 | 5 | 9 | 88 |
| 15:00 | 15:15 | 0 | 0 | 4 | 2 | 1 | 2 | 5 | 1 | 84 |
| 15:15 | 15:30 | 1 | 2 | 3 | 5 | 4 | 3 | 2 | 5 | 96 |
| 15:30 | 15:45 | 0 | 2 | 6 | 8 | 3 | 1 | 2 | 2 | 87 |
| 15:45 | 16:00 | 2 | 2 | 2 | 1 | 3 | 1 | 5 | 4 | 82 |
| 16:00 | 16:15 | 3 | 1 | 2 | 5 | 1 | 5 | 4 | 6 | 81 |
| 16:15 | 16:30 | 0 | 0 | 0 | 5 | 3 | 4 | 0 | 4 | 74 |
| 16:30 | 16:45 | 1 | 2 | 2 | 2 | 1 | 3 | 3 | 5 | 62 |
| 16:45 | 17:00 | 0 | 1 | 5 | 0 | 7 | 0 | 3 | 3 | 51 |
| 17:00 | 17:15 | 1 | 2 | 0 | 5 | 2 | 4 | 0 | 6 | 48 |
| 17:15 | 17:30 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | |
| 17:30 | 17:45 | 0 | 0 | 0 | 4 | 2 | 1 | 0 | 1 | |
| | | | | | | | | | | |

| | Peak | Time | North Approac | h Raymond St | East Approach | n MacArthur St | South Approac | h Raymond St | West Approach | h MacArthur St | Peak |
|---|------------|------------|---------------|--------------|---------------|----------------|---------------|--------------|---------------|----------------|------------|
| E | eriod Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| ſ | 10:45 | 11:45 | 5 | 7 | 20 | 28 | 17 | 16 | 17 | 16 | 126 |
| [| 12:00 | 13:00 | 13 | 6 | 37 | 38 | 22 | 32 | 27 | 30 | 205 |

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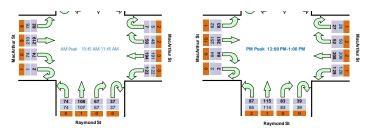
17:45 18:00

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0





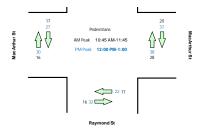


Light Vehicles

| Light Vehicl | | | | | | | | | | | | | | | | | |
|--------------|------------------|------------|--------|----|-------|-----------|--------------|-----------------|-------|-----|-----------|-----------------|------------|------|-----------|-----------------|--------|
| Tin | ne Period End | North U | Approa | SB | nd St | East U | Approac R | h MacArth WB | ur St | So. | th Approa | ch Raymor NB | nd St L | West | t Approac | h MacArti EB | hur St |
| 8:00 | 8:15 | 0 | 6 | 20 | 9 | 0 | 1 | 22 | 9 | 1 | 5 | 15 | 4 | 1 | 13 | 30 | 7 |
| 8:15 | 8:30 | 0 | 22 | 26 | 15 | 0 | 8 | 38 | 11 | 4 | 4 | 19 | 7 | 0 | 12 | 53 | 14 |
| 8:30 | 8:45 | 1 | 21 | 42 | 15 | 0 | 7 | 35 | 18 | 1 | 11 | 30 | 8 | 0 | 10 | 49 | 13 |
| | | | | | | 0 | 5 | - | | | | | | 0 | - | | - |
| 8:45 | 9:00 | 0 | 15 | 44 | 23 | | | 54 | 26 | 13 | 8 | 16 | 8 | | 16 | 46 | 14 |
| 9:00 | 9:15 | 1 | 15 | 25 | 14 | 2 | 9 | 42 | 20 | 9 | 18 | 18 | 10 | 0 | 23 | 32 | 18 |
| 9:15 | 9:30 | 0 | 18 | 23 | 9 | 2 | 11 | 42 | 25 | 4 | 15 | 22 | 17 | 0 | 18 | 31 | 15 |
| 9:30 | 9:45 | 1 | 23 | 32 | 16 | 0 | 10 | 39 | 28 | 10 | 14 | 26 | 18 | 1 | 13 | 39 | 17 |
| 9:45 | 10:00 | 0 | 25 | 34 | 10 | 0 | 14 | 55 | 15 | 11 | 12 | 18 | 5 | 0 | 17 | 47 | 19 |
| 10:00 | 10:15 | 1 | 13 | 35 | 13 | 1 | 9 | 39 | 28 | 7 | 16 | 18 | 15 | 0 | 25 | 53 | 14 |
| 10:15 | 10:30 | 1 | 19 | 28 | 5 | 1 | 13 | 42 | 30 | 5 | 19 | 16 | 20 | 0 | 19 | 36 | 13 |
| 10:30 | 10:45 | 3 | 23 | 31 | 16 | 0 | 15 | 48 | 28 | 6 | 19 | 26 | 22 | 0 | 16 | 48 | 20 |
| 10:45 | 11:00 | 0 | 20 | 26 | 16 | 1 | 16 | 43 | 43 | 9 | 25 | 26 | 15 | 0 | 20 | 51 | 18 |
| 11:00 | 11:15 | 2 | 17 | 28 | 15 | 1 | 9 | 53 | 23 | 7 | 9 | 23 | 17 | 0 | 20 | 47 | 13 |
| 11:15 | 11:30 | 1 | 32 | 24 | 24 | 1 | 14 | 43 | 27 | 9 | 17 | 33 | 18 | 0 | 16 | 56 | 24 |
| 11:30 | 11:45 | 1 | 19 | 25 | 23 | 2 | 9 | 52 | 29 | 12 | 16 | 25 | 24 | 1 | 18 | 56 | 21 |
| 11:45 | 12:00 | 1 | 23 | 22 | 17 | 3 | 12 | 47 | 29 | 11 | 17 | 22 | 19 | 1 | 12 | 56 | 20 |
| 12:00 | 12:15 | 1 | 23 | 41 | 14 | 6 | 10 | 56 | 36 | 10 | 25 | 25 | 20 | 1 | 20 | 54 | 15 |
| 12:15 | 12:30 | 2 | 27 | 29 | 14 | 5 | 15 | 39 | 36 | 13 | 21 | 33 | 17 | 0 | 13 | 61 | 19 |
| 12:30 | 12:45 | 2 | 23 | 29 | 18 | 8 | 8 | 45 | 33 | 11 | 24 | 26 | 24 | 0 | 28 | 63 | 23 |
| 12:45 | 13:00 | 3 | 21 | 14 | 20 | 7 | 17 | 66 | 23 | 5 | 13 | 30 | 24 | 1 | 23 | 73 | 25 |
| 13:00 | 13:15 | 3 | 32 | 30 | 18 | 4 | 7 | 42 | 28 | 5 | 16 | 18 | 14 | 2 | 23 | 45 | 18 |
| 13:15 | 13:30 | 0 | 25 | 28 | 16 | 2 | 18 | 53 | 27 | 7 | 19 | 29 | 19 | 0 | 20 | 64 | 20 |
| 13:30 | 13:45 | 3 | 21 | 21 | 14 | 3 | 8 | 47 | 35 | 12 | 18 | 39 | 11 | 0 | 19 | 69 | 22 |
| 13:45 | 14:00 | 6 | 23 | 26 | 22 | 1 | 10 | 47 | 21 | 11 | 23 | 28 | 19 | 0 | 15 | 47 | 10 |
| 14:00 | 14:15 | 2 | 19 | 30 | 17 | 0 | 8 | 36 | 28 | 4 | 25 | 22 | 16 | 0 | 9 | 55 | 19 |
| 14:15 | 14:30 | 1 | 19 | 23 | 16 | 3 | 13 | 66 | 35 | 3 | 26 | 24 | 13 | 0 | 21 | 47 | 12 |
| 14:30 | 14:45 | 1 | 24 | 14 | 19 | 1 | 10 | 57 | 25 | 6 | 25 | 19 | 25 | 0 | 24 | 58 | 22 |
| 14:45 | 15:00 | 1 | 27 | 31 | 9 | 1 | 16 | 40 | 34 | 5 | 18 | 26 | 12 | 0 | 17 | 55 | 13 |
| 15:00 | 15:15 | 2 | 28 | 24 | 10 | 1 | 6 | 56 | 28 | 3 | 20 | 22 | 18 | 0 | 15 | 62 | 17 |
| 15:15 | 15:30 | 0 | 23 | 33 | 9 | 3 | 13 | 65 | 25 | 5 | 15 | 35 | 17 | 0 | 21 | 57 | 26 |
| 15:30 | 15:45 | 1 | 24 | 34 | 15 | 1 | 8 | 70 | 21 | 6 | 13 | 29 | 26 | 0 | 23 | 66 | 28 |
| 15:45 | 16:00 | 0 | 26 | 29 | 15 | 2 | 10 | 71 | 26 | 17 | 14 | 28 | 16 | 1 | 21 | 60 | 21 |
| 16:00 | 16:15 | 0 | 17 | 33 | 18 | 0 | 12 | 58 | 28 | 7 | 24 | 44 | 17 | 0 | 17 | 60 | 21 |
| 16:15 | 16:30 | 1 | 23 | 26 | 14 | 2 | 11 | 38 | 33 | 6 | 23 | 29 | 16 | 0 | 19 | 60 | 20 |
| 16:30 | 16:45 | 2 | 21 | 25 | 17 | 3 | 13 | 50 | 19 | 8 | 22 | 32 | 18 | 1 | 25 | 56 | 16 |
| 16:45 | 17:00 | 2 | 31 | 22 | 16 | 2 | 10 | 52 | 23 | 11 | 15 | 21 | 13 | 0 | 17 | 63 | 23 |
| 17:00 | 17:15 | 0 | 22 | 31 | 12 | 2 | 13 | 64 | 23 | 8 | 27 | 32 | 16 | 0 | 13 | 65 | 17 |
| 17:15 | 17:30 | 1 | 13 | 22 | 9 | 3 | 9 | 44 | 25 | 4 | 13 | 28 | 18 | 0 | 16 | 66 | 20 |
| 17:30 | 17:45 | 0 | 23 | 18 | 15 | 2 | 14 | 40 | 28 | 2 | 17 | 13 | 15 | 0 | 15 | 45 | 14 |
| 17:45 | 18:00 | 2 | 14 | 10 | 8 | 2 | 4 | 29 | 12 | 2 | 9 | 25 | 11 | 0 | 8 | 50 | 18 |
| | | | | - | | | | | | - | | | | + | + | - | |

| Peak | Time | North | n Approac | h Raymo | nd St | East | Approaci | h MacArth | ur St | Sou | th Approac | h Raymon | d St | West | Approac | h MacArti | hur St | Peak |
|--------------|-----------------------------|-------|-----------|---------|-------|------|----------|-----------|-------|-----|------------|----------|------|------|---------|-----------|--------|-------|
| Period Start | d Start Period End U R SB L | | | | | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 4 | 88 | 103 | 78 | 5 | 48 | 191 | 122 | 37 | 67 | 107 | 74 | 1 | 74 | 210 | 76 | 1285 |
| 12:00 | :45 11:45 4 88 103 78 | | | | | | 50 | 206 | 128 | 39 | 83 | 114 | 85 | 2 | 84 | 251 | 82 | 1431 |

| Heavy Vehicles | | | | | | | | | | | | | | | | |
|-------------------------|------|-----------|----------|-------|------|----------|-----------|--------|------|-----------|-----------|-------|------|---------|-----------|--------|
| Time | Nort | h Approac | ch Raymo | nd St | East | Approacl | h MacArth | nur St | Sou | th Approa | ch Raymor | nd St | West | Approac | h MacArti | nur St |
| Period Start Period End | - 11 | P | SB | _ | = | ۵ | W/B | _ | - 11 | В | NB | | _ | ۵ | EB | |



| 8:00 | 8:15 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 8:30 | 8:45 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| 8:45 | 9:00 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9:00 | 9:15 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 9:15 | 9:30 | 0 | 1 | 0 | 1 | 0 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 9:30 | 9:45 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 9:45 | 10:00 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10:00 | 10:15 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 10:45 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 1 |
| 10:45 | 11:00 | 0 | 3 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| 11:00 | 11:15 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 3 |
| 11:15 | 11:30 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 11:45 | 12:00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 6 | 0 |
| 12:30 | 12:45 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 13:00 | 13:15 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 14:30 | 14:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 14:45 | 15:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 15:15 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | |

| Peak | Peak Time North Approach Raymond St | | | | nd St | East Approach MacArthur St | | | South Approach Raymond St | | | | West Approach MacArthur St | | | | Peak | |
|--------------|-------------------------------------|---|---|----|-------|----------------------------|---|----|---------------------------|---|---|----|----------------------------|---|---|----|------|-------|
| Period Start | Period End | С | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:45 | 11:45 | 0 | 7 | 1 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 9 | 6 | 33 |
| 12:00 | 13:00 | 0 | 2 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 10 | 1 | 22 |

| Time | | Norti | h Approac | h Raymo | nd St | East | Approach | h MacArth | ur St | Sou | th Approac | h Raymor | nd St | West | Approac | | nur St |
|----------------|-----------|-------|-----------|---------|-------|------|----------|-----------|-------|-----|------------|----------|-------|------|---------|----|--------|
| Period Start P | eriod End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 8:00 | 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 8:45 | 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C |
| 9:15 | 9:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | (|
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |

| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 14:45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 15:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 15:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY TURNING MOVEMENT SURVEY TURNING MOVEMENT SURVEY

Intersection of New Railway Rd and Desailly St, Sale

GPS -38.106191.147.063951

| Date: | Sat 09/08/25 |
|-----------|--------------|
| Weather: | Overcast |
| Suburban: | Sale |
| Customer: | BW |

| North: | Desailly St |
|--------|----------------|
| East: | N/A |
| South: | Desailly St |
| West: | New Railway Rd |

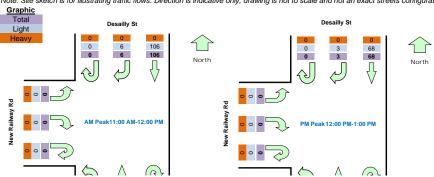
| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | AM: | 11:00 AM-12:00 PM |
| Peak | PM: | 12:00 PM-1:00 PM |

All Vehicles

| Tit | ne | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Hourly | / Total |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|--------|---------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | Hour | Peak |
| 9:30 | 9:45 | 0 | 0 | 20 | 0 | 22 | 1 | 0 | 0 | 0 | 185 | |
| 9:45 | 10:00 | 0 | 0 | 14 | 0 | 25 | 1 | 0 | 0 | 0 | 203 | |
| 10:00 | 10:15 | 0 | 0 | 18 | 0 | 26 | 3 | 0 | 0 | 0 | 235 | |
| 10:15 | 10:30 | 0 | 0 | 19 | 0 | 34 | 2 | 0 | 0 | 0 | 253 | |
| 10:30 | 10:45 | 0 | 3 | 29 | 0 | 27 | 2 | 0 | 0 | 0 | 260 | |
| 10:45 | 11:00 | 0 | 5 | 35 | 0 | 28 | 4 | 0 | 0 | 0 | 270 | |
| 11:00 | 11:15 | 0 | 2 | 25 | 0 | 33 | 5 | 0 | 0 | 0 | 271 | Peak |
| 11:15 | 11:30 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 | | |
| 11:30 | 11:45 | 0 | 1 | 30 | 0 | 36 | 4 | 0 | 0 | 0 | | |
| 11:45 | 12:00 | 0 | 2 | 23 | 0 | 41 | 7 | 0 | 0 | 0 | | |
| 12:00 | 12:15 | 0 | 0 | 23 | 0 | 38 | 2 | 0 | 0 | 0 | 224 | Peak |
| 12:15 | 12:30 | 0 | 1 | 15 | 0 | 26 | 3 | 0 | 0 | 0 | 202 | |
| 12:30 | 12:45 | 0 | 1 | 17 | 0 | 41 | 2 | 0 | 0 | 0 | 210 | |
| 12:45 | 13:00 | 0 | 1 | 13 | 0 | 36 | 5 | 0 | 0 | 0 | 209 | |
| 13:00 | 13:15 | 0 | 2 | 16 | 0 | 21 | 2 | 0 | 0 | 0 | 219 | |
| 13:15 | 13:30 | 0 | 1 | 14 | 0 | 34 | 4 | 0 | 0 | 0 | | |
| 13:30 | 13:45 | 0 | 2 | 21 | 0 | 31 | 6 | 0 | 0 | 0 | | |
| 13:45 | 14:00 | 0 | 5 | 22 | 0 | 36 | 2 | 0 | 0 | 0 | | |

| Peak Time North Approach Desailly St South Approach Desailly Stest Approach New Railway | | | | | | | | | Peak | | |
|---|------------|---|---|-----|---|-----|----|---|------|---|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 6 | 106 | 0 | 139 | 20 | 0 | 0 | 0 | 271 |
| 12:00 | 13:00 | 0 | 3 | 68 | 0 | 141 | 12 | 0 | 0 | 0 | 224 |

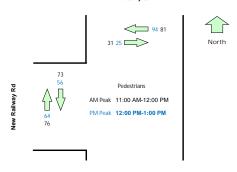
Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.



| Pedestrians Cro | me | North Approa | ch Desailly St | South Approa | ch Desailly St | West Approach N | New Railway Rd | Hourly Total |
|-----------------|------------|--------------|----------------|--------------|----------------|-----------------|----------------|--------------|
| Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | Houriy Total |
| 9:30 | 9:45 | 14 | 15 | 9 | | 11 | 13 | 239 |
| 9:45 | 10:00 | 9 | 7 | 3 | 4 | 6 | 6 | 271 |
| 10:00 | 10:15 | 15 | 20 | 4 | 1 | 14 | 6 | 342 |
| 10:15 | 10:30 | 25 | 12 | 8 | 5 | 21 | 11 | 383 |
| 10:30 | 10:45 | 21 | 20 | 9 | 8 | 19 | 17 | 395 |
| 10:45 | 11:00 | 25 | 21 | 12 | 7 | 24 | 17 | 383 |
| 11:00 | 11:15 | 26 | 9 | 8 | 9 | 31 | 18 | 354 |
| 11:15 | 11:30 | 24 | 22 | 6 | 6 | 17 | 19 | |
| 11:30 | 11:45 | 22 | 22 | 4 | 6 | 10 | 18 | |
| 11:45 | 12:00 | 9 | 20 | 10 | 2 | 15 | 21 | |
| 12:00 | 12:15 | 24 | 14 | 14 | 3 | 13 | 21 | 351 |
| 12:15 | 12:30 | 31 | 28 | 6 | 2 | 13 | 17 | 361 |
| 12:30 | 12:45 | 20 | 26 | 4 | 6 | 17 | 15 | 369 |
| 12:45 | 13:00 | 19 | 20 | 8 | 6 | 13 | 11 | 362 |
| 13:00 | 13:15 | 21 | 31 | 6 | 6 | 18 | 17 | 344 |
| 13:15 | 13:30 | 19 | 25 | 7 | 13 | 20 | 21 | |
| 13:30 | 13:45 | 24 | 24 | 6 | 2 | 14 | 11 | |
| 13:45 | 14:00 | 14 | 21 | 7 | 2 | 7 | 8 | |

| 1 | Peak | Time | North Approa | ch Desailly St | South Approa | ch Desailly St | West Approach N | West Approach New Railway Rd | | | |
|---|--------------|------------|--------------|----------------|--------------|----------------|-----------------|------------------------------|------------|--|--|
| | Period Start | Period End | Westbound | Eastbound | Westbound | Eastbound | Southbound | Northbound | Peak total | | |
| | 11:00 | 12:00 | 81 | 73 | 28 | 23 | 73 | 76 | 354 | | |
| | 12:00 | 13:00 | 94 | 88 | 32 | 13 | 56 | 64 | 347 | | |

Desailly St







Desailly St

Desailly St

Light Vehicles

| Light Vehic | | | | | | | | | | |
|--------------|------------|---|----------|------------|----------|----------|------------|-----------|---------|-----------|
| Tit | | | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I |
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L |
| 9:30 | 9:45 | 0 | 0 | 20 | 0 | 22 | 1 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 14 | 0 | 25 | 1 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 18 | 0 | 26 | 3 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 19 | 0 | 32 | 2 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 3 | 29 | 0 | 27 | 2 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 5 | 35 | 0 | 28 | 4 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 2 | 25 | 0 | 33 | 5 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 28 | 0 | 29 | 4 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 1 | 30 | 0 | 36 | 4 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 2 | 23 | 0 | 41 | 7 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 23 | 0 | 38 | 2 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 1 | 15 | 0 | 26 | 3 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 1 | 17 | 0 | 41 | 2 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 1 | 13 | 0 | 36 | 5 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 2 | 16 | 0 | 20 | 2 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 1 | 14 | 0 | 34 | 4 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 2 | 21 | 0 | 31 | 6 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 5 | 22 | 0 | 36 | 2 | 0 | 0 | 0 |

| Peal | c Time | North Approach Desailly St South Approach Desailly Stast Approach New Railway | | | | | | | | | |
|-------------|--------------|---|---|-----|---|-----|----|---|---|---|-------|
| Period Star | t Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 6 | 106 | 0 | 139 | 20 | 0 | 0 | 0 | 271 |
| 12:00 | 13:00 | 0 | 3 | 68 | 0 | 141 | 12 | 0 | 0 | 0 | 224 |

Heavy Vehicles

| Tir | me | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|
| Period Start | Period End | U | R | SB | U | NB | Ĺ | U | R | Ĺ |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Desailly St

| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | North Ap | proach D | esailly St | South Ap | proach D | esailly St | est Appro | ach New | Railway I | Peak |
|--------------|------------|----------|----------|------------|----------|----------|------------|-----------|---------|-----------|-------|
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | total |
| 11:00 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Cyclists | | | | | | | | | | | |
|--------------|------------|---|----------|----|----------|----|------------|-----------|-----------------|---|--|
| | me | | proach D | | South Ap | | esailly St | est Appro | st Approach New | | |
| Period Start | Period End | U | R | SB | U | NB | L | U | R | L | |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9:45 | 10:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12:30 | 12:45 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |



Intersection of MacArthur St and Desailly St, Sale

| GPS | -38.105276, 147.0639 |
|-----------|----------------------|
| Date: | Sat 09/08/25 |
| Weather: | Overcast |
| Suburban: | |
| Customer: | BW |

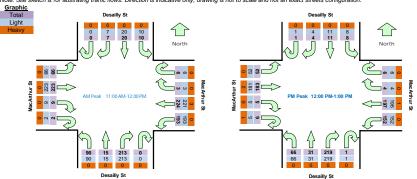
| North: | Desailly St |
|--------|--------------|
| East: | MacArthur St |
| | Desailly St |
| West: | MacArthur St |

| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | | 11:00 AM-12:00 PM |
| Peak | PM: | 12:00 PM-1:00 PM |

| Ti | me | Nor | th Approa | ach Desail | lly St | East | Approac | h MacArtl | nur St | So | uth Approa | ch Desaill | y St | West | Approac | h MacArtl | hur St | Hourl | y Total |
|--------------|------------|-----|-----------|------------|--------|------|---------|-----------|--------|----|------------|------------|------|------|---------|-----------|--------|-------|---------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 9:30 | 9:45 | 0 | 1 | 2 | 1 | 0 | 1 | 34 | 33 | 0 | 31 | 0 | 5 | 0 | 0 | 24 | 12 | 728 | |
| 9:45 | 10:00 | 0 | 0 | 1 | 1 | 2 | 0 | 35 | 34 | 0 | 33 | 2 | 14 | 0 | 3 | 53 | 11 | 806 | |
| 10:00 | 10:15 | 1 | 0 | 3 | 4 | 0 | 2 | 43 | 37 | 0 | 34 | 3 | 8 | 0 | 0 | 31 | 14 | 866 | |
| 10:15 | 10:30 | 0 | 3 | 5 | 0 | 0 | 1 | 46 | 34 | 0 | 44 | 3 | 13 | 0 | 4 | 48 | 14 | 958 | |
| 10:30 | 10:45 | 0 | 1 | 1 | 2 | 2 | 1 | 45 | 50 | 0 | 44 | 4 | 15 | 0 | 0 | 43 | 14 | 1017 | |
| 10:45 | 11:00 | 0 | 3 | 2 | 2 | 3 | 0 | 57 | 50 | 0 | 38 | 6 | 14 | 1 | 1 | 52 | 20 | 1059 | |
| 11:00 | 11:15 | 0 | 2 | 5 | 2 | 1 | 2 | 55 | 57 | 0 | 45 | 5 | 24 | 0 | 3 | 52 | 19 | 1081 | Peak |
| 11:15 | 11:30 | 0 | 1 | 4 | 4 | 2 | 1 | 59 | 47 | 0 | 53 | 1 | 25 | 0 | 1 | 65 | 11 | | |
| 11:30 | 11:45 | 0 | 3 | 5 | 0 | 3 | 0 | 50 | 48 | 0 | 58 | 4 | 16 | 1 | 2 | 50 | 24 | | |
| 11:45 | 12:00 | 0 | 1 | 6 | 4 | 0 | 0 | 60 | 41 | 0 | 57 | 5 | 25 | 1 | 3 | 56 | 12 | | |
| 12:00 | 12:15 | 0 | 2 | 1 | 2 | 1 | 1 | 44 | 46 | 0 | 60 | 8 | 18 | 3 | 1 | 48 | 20 | 946 | Peak |
| 12:15 | 12:30 | 0 | 0 | 4 | 1 | 2 | 2 | 44 | 38 | 1 | 46 | 6 | 14 | 1 | 0 | 53 | 7 | 892 | |
| 12:30 | 12:45 | 1 | 1 | 5 | 0 | 1 | 1 | 61 | 28 | 0 | 67 | 9 | 16 | 1 | 3 | 47 | 12 | 877 | |
| 12:45 | 13:00 | 0 | 1 | 1 | 5 | 2 | 0 | 48 | 40 | 0 | 46 | 8 | 18 | 1 | 1 | 35 | 13 | 824 | |
| 13:00 | 13:15 | 0 | 4 | 1 | 2 | 1 | 3 | 39 | 35 | 0 | 41 | 2 | 24 | 0 | 0 | 39 | 10 | 813 | |
| 13:15 | 13:30 | 0 | Λ | 2 | 1 | 2 | 1 | 38 | 31 | 0 | 47 | 3 | 17 | n | 0 | 47 | 15 | | |

| Peak | Time | Nort | h Approa | ch Desail | ly St | East Approach MacArthur St | | | South Approach Desailly St | | | | West | Peak | | | | |
|--------------|------------|------|----------|-----------|-------|----------------------------|---|-----|----------------------------|---|-----|----|------|------|---|-----|----|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 7 | 20 | 10 | 6 | 3 | 224 | 193 | 0 | 213 | 15 | 90 | 2 | 9 | 223 | 66 | 1081 |
| 12:00 | 13:00 | 1 | 4 | 11 | 8 | 6 | 4 | 197 | 152 | 1 | 219 | 31 | 66 | 6 | 5 | 183 | 52 | 946 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.



| Light Vehicles |
|----------------|
|----------------|

13:30

13:45

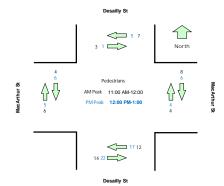
13:45

14:00

| Tir | ne | Nort | h Approa | ch Desail | ly St | East | Approacl | n MacArth | ur St | Soi | uth Approa | ch Desailly | / St | West Approach MacArthur St | | | |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-------------|------|----------------------------|---|----|----|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 1 | 2 | 1 | 0 | 1 | 34 | 33 | 0 | 31 | 0 | 5 | 0 | 0 | 23 | 12 |
| 9:45 | 10:00 | 0 | 0 | 1 | 1 | 2 | 0 | 34 | 34 | 0 | 33 | 2 | 14 | 0 | 3 | 53 | 11 |
| 10:00 | 10:15 | 1 | 0 | 3 | 4 | 0 | 2 | 42 | 37 | 0 | 34 | 3 | 8 | 0 | 0 | 29 | 14 |
| 10:15 | 10:30 | 0 | 3 | 5 | 0 | 0 | 1 | 46 | 34 | 0 | 44 | 2 | 12 | 0 | 4 | 48 | 14 |
| 10:30 | 10:45 | 0 | 1 | 1 | 2 | 2 | 1 | 44 | 50 | 0 | 44 | 4 | 15 | 0 | 0 | 43 | 14 |

| Ī | | ne | North Approa | | | MacArthur St | | ch Desailly St | West Approach | n MacArthur St | Jourly Tota |
|---|------------|------------|--------------|-----------|------------|--------------|-----------|----------------|---------------|----------------|-------------|
| P | eriod Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | lourly rota |
| | 9:30 | 9:45 | 0 | 4 | 2 | 0 | 2 | 2 | 0 | 1 | 59 |
| | 9:45 | 10:00 | 2 | 1 | 2 | 0 | 7 | 1 | 0 | 0 | 64 |
| | 10:00 | 10:15 | 0 | 1 | 0 | 2 | 5 | 8 | 1 | 1 | 69 |
| | 10:15 | 10:30 | 0 | 1 | 5 | 2 | 7 | 2 | 0 | 0 | 63 |
| Ī | 10:30 | 10:45 | 0 | 0 | 1 | 1 | 3 | 7 | 3 | 1 | 67 |
| | 10:45 | 11:00 | 2 | 0 | 4 | 1 | 5 | 3 | 3 | 0 | 61 |
| | 11:00 | 11:15 | 2 | 1 | 3 | 0 | 3 | 1 | 0 | 2 | 58 |
| | 11:15 | 11:30 | 5 | 1 | 1 | 2 | 4 | 1 | 3 | 4 | |
| | 11:30 | 11:45 | 0 | 1 | 1 | 1 | 4 | 2 | 1 | 0 | |
| | 11:45 | 12:00 | 0 | 0 | 3 | 1 | 1 | 10 | 0 | 0 | |
| | 12:00 | 12:15 | 2 | 0 | 1 | 2 | 3 | 5 | 5 | 2 | 66 |
| | 12:15 | 12:30 | 1 | 0 | 2 | 2 | 9 | 7 | 0 | 2 | 58 |
| | 12:30 | 12:45 | 1 | 1 | 1 | 0 | 3 | 8 | 0 | 1 | 51 |
| | 12:45 | 13:00 | 1 | 0 | 2 | 0 | 2 | 2 | 1 | 0 | 53 |
| I | 13:00 | 13:15 | 0 | 1 | 1 | 0 | 4 | 3 | 1 | 2 | 58 |
| | 13:15 | 13:30 | 0 | 2 | 8 | 2 | 3 | 0 | 0 | 1 | |
| Ī | 13:30 | 13:45 | 0 | 4 | 0 | 1 | 5 | 3 | 0 | 4 | |
| I | 13:45 | 14:00 | 0 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | |

| Peak | Time | North Approa | ch Desailly St | East Approach | MacArthur St | South Approa | ch Desailly St | West Approach | MacArthur St | Peak |
|-------------|------------|--------------|----------------|---------------|--------------|--------------|----------------|---------------|--------------|------------|
| Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| 11:00 | 12:00 | 7 | 3 | 8 | 4 | 12 | 14 | 4 | 6 | 58 |
| 12:00 | 13:00 | 5 | 1 | 6 | 4 | 17 | 22 | 6 | 5 | 66 |



| 10:45 | 11:00 | 0 | 3 | 2 | 2 | 3 | 0 | 57 | 50 | 0 | 38 | 6 | 14 | 1 | 1 | 52 | 20 |
|-------|-------|---|---|---|---|---|---|----|----|---|----|---|----|---|---|----|----|
| 11:00 | 11:15 | 0 | 2 | 5 | 2 | 1 | 2 | 53 | 57 | 0 | 45 | 5 | 24 | 0 | 3 | 52 | 19 |
| 11:15 | 11:30 | 0 | 1 | 4 | 4 | 2 | 1 | 58 | 47 | 0 | 53 | 1 | 25 | 0 | 1 | 65 | 11 |
| 11:30 | 11:45 | 0 | 3 | 5 | 0 | 3 | 0 | 50 | 48 | 0 | 58 | 4 | 16 | 1 | 2 | 50 | 24 |
| 11:45 | 12:00 | 0 | 1 | 6 | 4 | 0 | 0 | 60 | 41 | 0 | 57 | 5 | 25 | 1 | 3 | 56 | 12 |
| 12:00 | 12:15 | 0 | 2 | 1 | 2 | 1 | 1 | 43 | 46 | 0 | 60 | 8 | 18 | 2 | 1 | 47 | 20 |
| 12:15 | 12:30 | 0 | 0 | 4 | 1 | 2 | 2 | 44 | 38 | 1 | 46 | 6 | 14 | 1 | 0 | 53 | 7 |
| 12:30 | 12:45 | 1 | 1 | 5 | 0 | 1 | 1 | 61 | 28 | 0 | 67 | 9 | 16 | 1 | 3 | 46 | 12 |
| 12:45 | 13:00 | 0 | 1 | 1 | 5 | 2 | 0 | 48 | 40 | 0 | 46 | 8 | 18 | 1 | 1 | 35 | 13 |
| 13:00 | 13:15 | 0 | 4 | 1 | 2 | 1 | 3 | 39 | 35 | 0 | 41 | 2 | 24 | 0 | 0 | 39 | 10 |
| 13:15 | 13:30 | 0 | 0 | 2 | 1 | 2 | 1 | 38 | 31 | 0 | 47 | 3 | 17 | 0 | 0 | 47 | 15 |
| 13:30 | 13:45 | 0 | 1 | 2 | 2 | 0 | 2 | 37 | 47 | 0 | 57 | 6 | 14 | 1 | 2 | 23 | 6 |
| 13:45 | 14:00 | 0 | 4 | 4 | 2 | 1 | 2 | 40 | 29 | 0 | 45 | 4 | 14 | 0 | 0 | 46 | 16 |

| Peak | Time | Nort | h Approa | ch Desail | lly St | East | Approacl | h MacArth | nur St | Soi | uth Approa | ch Desaill | y St | West | Approac | h MacArti | hur St | Peak |
|--------------|------------|------|----------|-----------|--------|------|----------|-----------|--------|-----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 7 | 20 | 10 | 6 | 3 | 221 | 193 | 0 | 213 | 15 | 90 | 2 | 9 | 223 | 66 | 1078 |
| 12:00 | 13:00 | 1 | 4 | 11 | 8 | 6 | 4 | 196 | 152 | 1 | 219 | 31 | 66 | 5 | 5 | 181 | 52 | 942 |

Heavy Vehicles

| ricavy verii | | | | | | | | | | | | | | | | | |
|--------------|------------|------|-----------|------------|-------|------|---------|-----------|--------|-----|---|------------|------|------|---------|----|--------|
| | me | Nort | th Approa | ich Desail | ly St | East | Approac | h MacArth | nur St | Soi | | ch Desaill | y St | West | Approac | | hur St |
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approa | ch Desail | ly St | East | Approac | h MacArth | nur St | So | uth Approa | ch Desaill | y St | West | Approac | h MacArti | hur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|---------|-----------|--------|----|------------|------------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 12:00 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 4 |

| Tit | me | Nort | h Approa | ch Desail | ly St | East | Approaci | n MacArth | ur St | Sou | uth Approa | ch Desaill | y St | West | Approac | h MacArti | nur St |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|------------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 12:30 | 12:45 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Pearson St, Sale

| GPS | -38.105322, 147.0624 |
|-----------|----------------------|
| Date: | Sat 09/08/25 |
| Weather: | Overcast |
| Suburban: | |
| Customer: | BW |

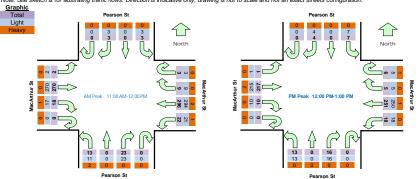
| North: | Pearson St |
|--------|--------------|
| East: | MacArthur St |
| | Pearson St |
| West: | MacArthur St |

| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | AM: | 11:00 AM-12:00 PM |
| Peak | PM: | 12:00 PM-1:00 PM |

| All Vehicles | | | | | | | | | | | | | | | | | | | |
|--------------|------------|---|---|-----------|------|---|---|-----------|-------|---|---|-----------|------|---|---|-----------|--------|------|---------|
| Tir | | | | ch Pearso | n St | | | h MacArth | ur St | | | ch Pearso | n St | | | h MacArtl | nur St | | y Total |
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | Hour | Peak |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4 | 0 | 5 | 0 | 4 | 0 | 1 | 31 | 0 | 431 | |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 3 | 0 | 6 | 0 | 3 | 0 | 2 | 61 | 0 | 476 | |
| 10:00 | 10:15 | 0 | 0 | 0 | 2 | 0 | 1 | 43 | 6 | 0 | 3 | 0 | 2 | 0 | 2 | 42 | 0 | 511 | |
| 10:15 | 10:30 | 0 | 0 | 0 | 2 | 0 | 1 | 51 | 6 | 0 | 2 | 0 | 1 | 0 | 5 | 59 | 0 | 573 | |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 6 | 0 | 2 | 0 | 5 | 0 | 3 | 55 | 0 | 618 | |
| 10:45 | 11:00 | 0 | 0 | 0 | 2 | 1 | 0 | 69 | 4 | 0 | 2 | 0 | 5 | 0 | 5 | 70 | 0 | 652 | |
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 1 | 2 | 69 | 9 | 0 | 6 | 0 | 2 | 0 | 3 | 69 | 1 | 662 | Peak |
| 11:15 | 11:30 | 0 | 3 | 0 | 1 | 0 | 4 | 78 | 2 | 0 | 6 | 0 | 4 | 0 | 6 | 67 | 1 | | |
| 11:30 | 11:45 | 0 | 0 | 0 | 1 | 1 | 2 | 68 | 5 | 0 | 5 | 0 | 2 | 0 | 5 | 70 | 0 | | |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 1 | 1 | 81 | 6 | 0 | 6 | 0 | 5 | 0 | 4 | 64 | 0 | | |
| 12:00 | 12:15 | 0 | 0 | 0 | 4 | 3 | 4 | 59 | 3 | 0 | 4 | 0 | 4 | 0 | 5 | 66 | 0 | 548 | Peak |
| 12:15 | 12:30 | 0 | 1 | 0 | 2 | 2 | 0 | 58 | 4 | 0 | 3 | 0 | 2 | 0 | 1 | 54 | 0 | 520 | |
| 12:30 | 12:45 | 0 | 1 | 0 | 1 | 1 | 0 | 76 | 3 | 0 | 6 | 0 | 6 | 0 | 3 | 55 | 1 | 506 | |
| 12:45 | 13:00 | 0 | 2 | 0 | 0 | 0 | 1 | 58 | 8 | 0 | 3 | 0 | 1 | 0 | 1 | 42 | 0 | 443 | |
| 13:00 | 13:15 | 0 | 0 | 0 | 2 | 0 | 0 | 69 | 2 | 0 | 4 | 0 | 2 | 0 | 2 | 42 | 1 | 453 | |
| 13:15 | 13:30 | 0 | 0 | 0 | 1 | 0 | 3 | 49 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 56 | 0 | | |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 1 | 51 | 2 | 0 | 0 | 0 | 3 | 0 | 1 | 31 | 0 | | |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 56 | 3 | 0 | 5 | 0 | 1 | 0 | 5 | 55 | 0 | | |

| Peak | Time | Nort | h Approa | ch Pearso | on St | East | Approacl | n MacArth | nur St | Soi | uth Approa | ch Pearso | n St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 3 | 0 | 3 | 3 | 9 | 296 | 22 | 0 | 23 | 0 | 13 | 0 | 18 | 270 | 2 | 662 |
| 12:00 | 13:00 | 0 | 4 | 0 | 7 | 6 | 5 | 251 | 18 | 0 | 16 | 0 | 13 | 0 | 10 | 217 | 1 | 548 |

Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.

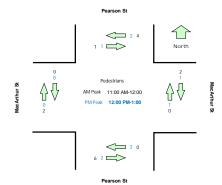


| Light Vehicles |
|----------------|
|----------------|

| Tir | ne | Nort | h Approa | ch Pearso | n St | East | Approacl | n MacArth | nur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArti | nur St |
|--------------|------------|------|----------|-----------|------|------|----------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 4 | 0 | 5 | 0 | 3 | 0 | 0 | 30 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 3 | 0 | 6 | 0 | 2 | 0 | 1 | 61 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 2 | 0 | 1 | 43 | 5 | 0 | 2 | 0 | 2 | 0 | 1 | 41 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 2 | 0 | 1 | 50 | 6 | 0 | 2 | 0 | 1 | 0 | 5 | 59 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 6 | 0 | 2 | 0 | 5 | 0 | 2 | 55 | 0 |

| Tir | | | ch Pearson St | East Approach | MacArthur St | South Approa | ch Pearson St | West Approach | n MacArthur St | lourly Tota |
|------------|------------|-----------|---------------|---------------|--------------|--------------|---------------|---------------|----------------|-------------|
| eriod Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | nouny 10ta |
| 9:30 | 9:45 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 9:45 | 10:00 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 16 |
| 10:00 | 10:15 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 9 |
| 10:15 | 10:30 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 12 |
| 10:30 | 10:45 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 13 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11:00 | 11:15 | 2 | 1 | 0 | 0 | 0 | 3 | 0 | 1 | 15 |
| 11:15 | 11:30 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:45 | 12:00 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 9 |
| 12:15 | 12:30 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 7 |
| 12:30 | 12:45 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 13:15 | 13:30 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | |
| 13:45 | 14:00 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | |

| Peak | Time | North Approa | ch Pearson St | East Approach | MacArthur St | South Approa | ch Pearson St | West Approach | MacArthur St | Peak |
|-------------|------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|------------|
| Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| 11:00 | 12:00 | 4 | 1 | 2 | 0 | 0 | 6 | 0 | 2 | 15 |
| 12:00 | 13:00 | 2 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | q |



| 10:45 | 11:00 | 0 | 0 | 0 | 2 | 1 | 0 | 69 | 4 | 0 | 2 | 0 | 4 | 0 | 5 | 70 | 0 |
|-------|-------|---|---|---|---|---|---|----|---|---|---|---|---|---|---|----|---|
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 1 | 2 | 68 | 8 | 0 | 6 | 0 | 2 | 0 | 3 | 69 | 1 |
| 11:15 | 11:30 | 0 | 3 | 0 | 1 | 0 | 4 | 77 | 2 | 0 | 6 | 0 | 3 | 0 | 5 | 67 | 1 |
| 11:30 | 11:45 | 0 | 0 | 0 | 1 | 1 | 2 | 68 | 5 | 0 | 5 | 0 | 2 | 0 | 5 | 70 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 1 | 1 | 81 | 6 | 0 | 6 | 0 | 4 | 0 | 4 | 64 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 4 | 2 | 4 | 58 | 3 | 0 | 4 | 0 | 4 | 0 | 5 | 65 | 0 |
| 12:15 | 12:30 | 0 | 1 | 0 | 2 | 2 | 0 | 58 | 4 | 0 | 3 | 0 | 2 | 0 | 1 | 54 | 0 |
| 12:30 | 12:45 | 0 | 1 | 0 | 1 | 1 | 0 | 76 | 3 | 0 | 6 | 0 | 6 | 0 | 3 | 54 | 1 |
| 12:45 | 13:00 | 0 | 2 | 0 | 0 | 0 | 1 | 58 | 8 | 0 | 3 | 0 | 1 | 0 | 1 | 42 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 2 | 0 | 0 | 69 | 2 | 0 | 4 | 0 | 2 | 0 | 2 | 42 | 1 |
| 13:15 | 13:30 | 0 | 0 | 0 | 1 | 0 | 3 | 49 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 56 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 1 | 1 | 51 | 2 | 0 | 0 | 0 | 3 | 0 | 1 | 31 | 0 |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 55 | 3 | 0 | 5 | 0 | 1 | 0 | 5 | 55 | 0 |

| Peak | Time | Nort | h Approa | ch Pearso | on St | East | Approac | h MacArth | nur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArtl | hur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|---------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 3 | 0 | 3 | 3 | 9 | 294 | 21 | 0 | 23 | 0 | 11 | 0 | 17 | 270 | 2 | 656 |
| 12:00 | 13:00 | 0 | 4 | 0 | 7 | 5 | 5 | 250 | 18 | 0 | 16 | 0 | 13 | 0 | 10 | 215 | 1 | 544 |

Heavy Vehicles

| | me | Nort | th Approa | ch Pearso | on St | East | Approac | h MacArth | ur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArt | hur St |
|--------------|------------|------|-----------|-----------|-------|------|---------|-----------|-------|-----|------------|-----------|------|------|---------|----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approa | ch Pearso | on St | East | Approacl | n MacArth | ur St | Sou | ith Approa | ch Pearso | n St | West | Approac | h MacArtl | nur St | Peak |
|--------------|------------|------|----------|-----------|-------|------|----------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 11:00 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 6 |
| 12:00 | 13:00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |

| Tir | ne | Nort | h Approa | ch Pearso | on St | East | Approac | h MacArth | ur St | Sou | ıth Approa | ch Pearso | n St | West | Approac | h MacArtl | hur St |
|--------------|------------|------|----------|-----------|-------|------|---------|-----------|-------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 12:30 | 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Intersection of MacArthur St and Raymond St, Sale

| GPS | -38.105216, 147.0654 |
|-----------|----------------------|
| Date: | Sat 09/08/25 |
| | Overcast |
| Suburban: | Sale |
| 0 | DIM/ |

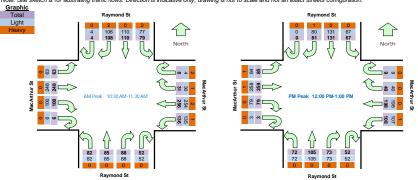
| North: | Raymond St |
|--------|--------------|
| East: | MacArthur St |
| South: | Raymond St |
| West: | MacArthur St |

| Survey | AM: | 9:30 AM-12:00 PM |
|---------|-----|-------------------|
| Period | PM: | 12:00 PM-2:00 PM |
| Traffic | | 10:30 AM-11:30 AM |
| Peak | PM: | 12:00 PM-1:00 PM |

| All Vehicles | me | Mart | | ch Ravmo | d C4 | Foot | A | h MacArth | 04 | C | 4b Annua | ch Ravmon | -1 C+ | Mont | Approac | h Maa Arti | C4 | Harrel | v Total |
|--------------|------------------|------|----|----------|------|------|--------------|-----------|--------|----|-----------|-----------|-------|------|--------------|------------|----|--------|---------|
| | ne Period End | U | R | SB | | U | Approac R | WB | nur St | U | tn Approa | NB | a St | U | Approac R | EB | | Hour | |
| | | | | | L | | | | | | | | L | U | | | L | | Peal |
| 9:30 | 9:45 | 1 | 24 | 28 | 13 | 0 | 6 | 31 | 28 | 10 | 15 | 14 | 8 | 1 | 7 | 30 | 15 | 1128 | |
| 9:45 | 10:00 | 1 | 20 | 37 | 8 | 1 | 7 | 40 | 32 | 10 | 13 | 25 | 14 | 0 | 20 | 48 | 16 | 1247 | |
| 10:00 | 10:15 | 0 | 27 | 23 | 24 | 1 | 8 | 47 | 23 | 7 | 20 | 22 | 12 | 0 | 15 | 43 | 9 | 1307 | |
| 10:15 | 10:30 | 0 | 24 | 29 | 15 | 1 | 10 | 49 | 27 | 14 | 16 | 22 | 17 | 0 | 19 | 60 | 21 | 1391 | |
| 10:30 | 10:45 | 4 | 26 | 17 | 23 | 2 | 8 | 57 | 37 | 19 | 24 | 19 | 20 | 2 | 18 | 59 | 15 | 1454 | Peak |
| 10:45 | 11:00 | 0 | 25 | 28 | 17 | 3 | 8 | 68 | 37 | 11 | 14 | 23 | 19 | 1 | 25 | 58 | 15 | 1438 | |
| 11:00 | 11:15 | 0 | 27 | 31 | 17 | 0 | 9 | 71 | 32 | 12 | 23 | 21 | 20 | 2 | 25 | 59 | 16 | 1452 | |
| 11:15 | 11:30 | 0 | 30 | 34 | 22 | 1 | 6 | 60 | 30 | 10 | 27 | 22 | 23 | 1 | 32 | 72 | 17 | | |
| 11:30 | 11:45 | 1 | 23 | 29 | 17 | 3 | 7 | 58 | 20 | 9 | 18 | 23 | 19 | 5 | 20 | 58 | 24 | | |
| 11:45 | 12:00 | 1 | 21 | 31 | 21 | 1 | 19 | 53 | 29 | 12 | 20 | 21 | 22 | 2 | 25 | 68 | 20 | | |
| 12:00 | 12:15 | 0 | 18 | 30 | 24 | 2 | 12 | 56 | 30 | 8 | 16 | 27 | 15 | 1 | 23 | 65 | 23 | 1362 | Peak |
| 12:15 | 12:30 | 0 | 29 | 38 | 12 | 3 | 9 | 41 | 28 | 13 | 24 | 27 | 24 | 1 | 20 | 58 | 31 | 1304 | |
| 12:30 | 12:45 | 0 | 13 | 32 | 15 | 0 | 13 | 47 | 24 | 13 | 15 | 21 | 17 | 1 | 19 | 75 | 17 | 1213 | |
| 12:45 | 13:00 | 0 | 21 | 31 | 16 | 4 | 6 | 54 | 26 | 18 | 18 | 30 | 16 | 0 | 17 | 61 | 14 | 1164 | |
| 13:00 | 13:15 | 0 | 20 | 22 | 12 | 3 | 9 | 45 | 26 | 6 | 20 | 31 | 14 | 0 | 18 | 50 | 16 | 1104 | |
| 13:15 | 13:30 | 1 | 20 | 20 | 10 | 0 | 6 | 41 | 20 | 11 | 19 | 13 | 12 | 0 | 22 | 56 | 16 | | |
| 13:30 | 13:45 | 0 | 23 | 17 | 8 | 2 | 4 | 52 | 24 | 10 | 7 | 26 | 10 | 0 | 16 | 60 | 14 | | |
| 13:45 | 14:00 | 0 | 11 | 18 | 13 | -1 | 4 | 51 | 21 | 8 | 19 | 23 | 12 | 0 | 14 | 61 | 16 | | |

| Peak | Time | Norti | h Approac | ch Raymo | nd St | East | Approacl | h MacArth | ur St | Sou | th Approac | ch Raymor | nd St | West | Approac | h MacArti | nur St | Peak |
|--------------|------------|-------|-----------|----------|-------|------|----------|-----------|-------|-----|------------|-----------|-------|------|---------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:30 | 11:30 | 4 | 108 | 110 | 79 | 6 | 31 | 256 | 136 | 52 | 88 | 85 | 82 | 6 | 100 | 248 | 63 | 1454 |
| 12:00 | 13:00 | 0 | 81 | 131 | 67 | 9 | 40 | 198 | 108 | 52 | 73 | 105 | 72 | 3 | 79 | 259 | 85 | 1362 |

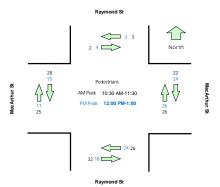
Note: Site sketch is for illustrating traffic flows. Direction is indicative only, drawing is not to scale and not an exact streets configuration.



| Tir | | | n Approac | h Raymo | nd St | East | Approacl | n MacArth | ur St | Sou | th Approac | h Raymon | d St | West | Approac | h MacArti | nur St |
|--------------|------------|---|-----------|---------|-------|------|----------|-----------|-------|-----|------------|----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 1 | 24 | 28 | 13 | 0 | 6 | 31 | 28 | 10 | 15 | 14 | 8 | 1 | 7 | 29 | 15 |
| 9:45 | 10:00 | 1 | 19 | 37 | 8 | 1 | 7 | 40 | 32 | 10 | 13 | 25 | 14 | 0 | 20 | 48 | 16 |
| 10:00 | 10:15 | 0 | 26 | 23 | 23 | 1 | 8 | 47 | 22 | 7 | 20 | 22 | 12 | 0 | 15 | 42 | 8 |
| 10:15 | 10:30 | 0 | 24 | 29 | 14 | 1 | 9 | 49 | 27 | 14 | 16 | 21 | 17 | 0 | 19 | 60 | 21 |
| 10:30 | 10:45 | 4 | 25 | 17 | 23 | 2 | 8 | 57 | 37 | 19 | 24 | 19 | 20 | 2 | 18 | 59 | 15 |

| Tir | | | h Raymond St | East Approach | n MacArthur St | South Approac | | West Approach | h MacArthur St | lourly Tota |
|------------|------------|-----------|--------------|---------------|----------------|---------------|-----------|---------------|----------------|-------------|
| eriod Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | lourly rota |
| 9:30 | 9:45 | 1 | 1 | 5 | 3 | 2 | 6 | 0 | 4 | 116 |
| 9:45 | 10:00 | 0 | 1 | 1 | 4 | 8 | 2 | 12 | 1 | 124 |
| 10:00 | 10:15 | 1 | 1 | 6 | 2 | 3 | 10 | 4 | 3 | 146 |
| 10:15 | 10:30 | 4 | 0 | 5 | 7 | 4 | 7 | 5 | 3 | 153 |
| 10:30 | 10:45 | 1 | 0 | 8 | 6 | 4 | 7 | 3 | 1 | 164 |
| 10:45 | 11:00 | 0 | 0 | 4 | 10 | 6 | 11 | 13 | 7 | 172 |
| 11:00 | 11:15 | 0 | 0 | 5 | 4 | 7 | 4 | 9 | 8 | 167 |
| 11:15 | 11:30 | 2 | 2 | 5 | 6 | 9 | 10 | 3 | 9 | |
| 11:30 | 11:45 | 4 | 0 | 5 | 6 | 8 | 5 | 3 | 7 | |
| 11:45 | 12:00 | 0 | 0 | 4 | 8 | 11 | 13 | 8 | 2 | |
| 12:00 | 12:15 | 1 | 0 | 1 | 3 | 4 | 4 | 6 | 3 | 130 |
| 12:15 | 12:30 | 0 | 1 | 7 | 7 | 4 | 4 | 3 | 3 | 131 |
| 12:30 | 12:45 | 1 | 1 | 13 | 10 | 15 | 8 | 5 | 5 | 121 |
| 12:45 | 13:00 | 0 | 2 | 3 | 6 | 1 | 2 | 1 | 6 | 85 |
| 13:00 | 13:15 | 1 | 1 | 3 | 5 | 3 | 0 | 7 | 3 | 74 |
| 13:15 | 13:30 | 0 | 1 | 2 | 2 | 4 | 8 | 2 | 0 | |
| 13:30 | 13:45 | 2 | 3 | 1 | 2 | 4 | 9 | 0 | 1 | |
| 13:45 | 14:00 | 0 | 0 | 0 | 1 | 3 | 4 | 2 | 0 | |

| | Peak | Time | North Approac | h Raymond St | East Approach | n MacArthur St | South Approac | ch Raymond St | West Approach | h MacArthur St | Peak |
|-----|-------------|------------|---------------|--------------|---------------|----------------|---------------|---------------|---------------|----------------|------------|
| - 1 | Period Star | Period End | Westbound | Eastbound | Southbound | Northbound | Westbound | Eastbound | Southbound | Northbound | hour total |
| | 10:30 | 11:30 | 3 | 2 | 22 | 26 | 26 | 32 | 28 | 25 | 164 |
| | 12:00 | 13:00 | 2 | 4 | 24 | 26 | 24 | 18 | 15 | 17 | 130 |



| 10:45 | 11:00 | 0 | 25 | 28 | 16 | 2 | 8 | 68 | 37 | 11 | 14 | 23 | 19 | 1 | 25 | 58 | 15 |
|-------|-------|---|----|----|----|---|----|----|----|----|----|----|----|---|----|----|----|
| 11:00 | 11:15 | 0 | 27 | 31 | 16 | 0 | 8 | 69 | 31 | 12 | 23 | 21 | 20 | 2 | 25 | 59 | 16 |
| 11:15 | 11:30 | 0 | 29 | 34 | 22 | 0 | 6 | 60 | 30 | 10 | 27 | 22 | 23 | 1 | 32 | 72 | 17 |
| 11:30 | 11:45 | 1 | 23 | 29 | 17 | 3 | 7 | 58 | 20 | 9 | 18 | 23 | 19 | 5 | 20 | 58 | 24 |
| 11:45 | 12:00 | 1 | 21 | 31 | 21 | 1 | 19 | 53 | 29 | 12 | 20 | 21 | 22 | 2 | 25 | 68 | 20 |
| 12:00 | 12:15 | 0 | 17 | 30 | 24 | 2 | 12 | 56 | 29 | 8 | 16 | 27 | 15 | 1 | 23 | 65 | 22 |
| 12:15 | 12:30 | 0 | 29 | 38 | 12 | 3 | 9 | 41 | 28 | 13 | 24 | 27 | 24 | 1 | 20 | 58 | 31 |
| 12:30 | 12:45 | 0 | 13 | 32 | 15 | 0 | 13 | 47 | 24 | 13 | 15 | 21 | 17 | 1 | 19 | 75 | 17 |
| 12:45 | 13:00 | 0 | 21 | 31 | 16 | 4 | 6 | 54 | 26 | 18 | 18 | 30 | 16 | 0 | 17 | 60 | 14 |
| 13:00 | 13:15 | 0 | 20 | 22 | 12 | 3 | 9 | 45 | 26 | 6 | 20 | 31 | 14 | 0 | 18 | 50 | 16 |
| 13:15 | 13:30 | 1 | 20 | 20 | 10 | 0 | 6 | 41 | 20 | 11 | 19 | 13 | 12 | 0 | 22 | 56 | 16 |
| 13:30 | 13:45 | 0 | 23 | 17 | 8 | 2 | 4 | 52 | 24 | 10 | 7 | 26 | 10 | 0 | 16 | 60 | 14 |
| 13:45 | 14:00 | 0 | 10 | 18 | 13 | 1 | 4 | 51 | 21 | 8 | 19 | 23 | 12 | 0 | 14 | 61 | 16 |

| Peak | Time | North | Approac | h Raymo | nd St | East | Approacl | n MacArth | ur St | Sou | th Approac | h Raymon | d St | West | Approacl | h MacArth | nur St | Peak |
|--------------|------------|-------|---------|---------|-------|------|----------|-----------|-------|-----|------------|----------|------|------|----------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:30 | 11:30 | 4 | 106 | 110 | 77 | 4 | 30 | 254 | 135 | 52 | 88 | 85 | 82 | 6 | 100 | 248 | 63 | 1444 |
| 12:00 | 13:00 | 0 | 80 | 131 | 67 | 9 | 40 | 198 | 107 | 52 | 73 | 105 | 72 | 3 | 79 | 258 | 84 | 1358 |

Heavy Vehicles

| Ti | me | Norti | h Approac | h Raymo | nd St | East | Approacl | n MacArth | ur St | Sou | th Approa | ch Raymon | d St | West | Approac | h MacArt | hur St |
|--------------|------------|-------|-----------|---------|-------|------|----------|-----------|-------|-----|-----------|-----------|------|------|---------|----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 9:45 | 10:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 10:15 | 10:30 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 13:00 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Peak | Time | Nort | h Approac | h Raymo | nd St | East | Approac | h MacArth | ur St | Sou | th Approac | ch Raymon | d St | West | Approacl | n MacArti | nur St | Peak |
|--------------|------------|------|-----------|---------|-------|------|---------|-----------|-------|-----|------------|-----------|------|------|----------|-----------|--------|-------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L | total |
| 10:30 | 11:30 | 0 | 2 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 12:00 | 13:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |

| Tit | me | Norti | h Approac | h Raymo | nd St | East | Approacl | n MacArth | nur St | Sou | th Approac | ch Raymon | d St | West | Approac | h MacArti | nur St |
|--------------|------------|-------|-----------|---------|-------|------|----------|-----------|--------|-----|------------|-----------|------|------|---------|-----------|--------|
| Period Start | Period End | U | R | SB | L | U | R | WB | L | U | R | NB | L | U | R | EB | L |
| 9:30 | 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 11:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

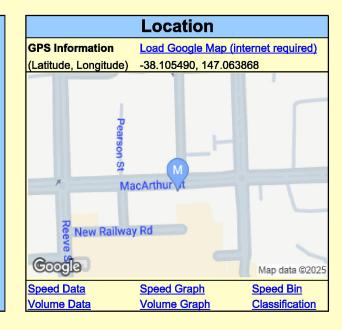
| 12:30 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 13:15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 13:30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:30 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| AUTOMATIC COUNT SUMMARY | | | | | | | | | |
|-------------------------|-------------|---------------|--------------------------|--|--|--|--|--|--|
| Street Name : | Desailly St | Location : | South of MacArthur St | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | |
| Machine ID: | MD12RWSA | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | |
| Site ID: | 24118 | Speed Zone : | 50 km/h | | | | | | |
| Prepared By: | | Email: | | | | | | | |

| GPS information | Lat | 38° 6' 19.76 South | Direction of Travel | | | | |
|--------------------|------|---------------------------|---------------------|------------|------------|--|--|
| | Long | 147° 3' 49.92 East | Both directions | Northbound | Southbound | | |
| Traffic Volume : | | Weekdays Average | 4,733 | 2,827 | 1,906 | | |
| (Vehicles/Day) | | 7 Day Average | 4,579 | 2,678 | 1,901 | | |
| Weekday | AM | 10:00 | 477 | 296 | 181 | | |
| Peak hour starts | PM | 15:00 | 507 | 334 | 173 | | |
| Speeds : | | 85th Percentile | 24.1 | 25.0 | 23.3 | | |
| (Km/Hr) | | Average | 21.2 | 21.6 | 20.7 | | |
| Classification % : | | Light Vehicles up to 5.5m | 95.7% | 95.5% | 96.0% | | |





QUALITY ASSURED COMPANY BY ISO 9001:2015
OH&S SYSTEM CERTIFIED TO ISO 4801:2001
ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY trafficsurvey.com.au

Site Desailly St

Direction Both directions ▼

Back to Site Summary Page

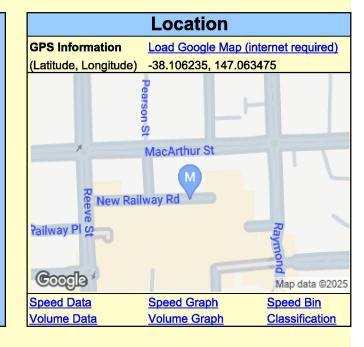
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 d | ays | Wee | kday | Weel | kend |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|---------|-------|---------|-------|---------|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average |
| AM Peak | 10:00 | 10:00 | 10:00 | 11:00 | 10:00 | 11:00 | 11:00 | N/A | 10:00 | N/A | 10:00 | N/A | 11:00 |
| PM Peak | 13:00 | 15:00 | 16:00 | 12:00 | 14:00 | 12:00 | 13:00 | N/A | 15:00 | N/A | 15:00 | N/A | 12:00 |
| 00:00 | 3 | 3 | 0 | 0 | 3 | 4 | 3 | 16 | 2 | 9 | 2 | 7 | 4 |
| 01:00 | 1 | 0 | 0 | 3 | 0 | 3 | 2 | 9 | 1 | 4 | 1 | 5 | 3 |
| 02:00 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 5 | 1 | 5 | 1 | 0 | 0 |
| 03:00 | 4 | 2 | 2 | 3 | 0 | 0 | 0 | 11 | 2 | 11 | 2 | 0 | 0 |
| 04:00 | 12 | 12 | 13 | 13 | 18 | 8 | 2 | 78 | 11 | 68 | 14 | 10 | 5 |
| 05:00 | 27 | 16 | 17 | 22 | 20 | 10 | 9 | 121 | 17 | 102 | 20 | 19 | 10 |
| 06:00 | 67 | 63 | 76 | 83 | 73 | 41 | 29 | 432 | 62 | 362 | 72 | 70 | 35 |
| 07:00 | 102 | 59 | 73 | 81 | 156 | 88 | 47 | 606 | 87 | 471 | 94 | 135 | 68 |
| 08:00 | 224 | 223 | 205 | 197 | 249 | 172 | 101 | 1371 | 196 | 1098 | 220 | 273 | 137 |
| 09:00 | 392 | 292 | 425 | 309 | 386 | 304 | 261 | 2369 | 338 | 1804 | 361 | 565 | 283 |
| 10:00 | 527 | 425 | 511 | 386 | 536 | 526 | 368 | 3279 | 468 | 2385 | 477 | 894 | 447 |
| 11:00 | 411 | 318 | 387 | 429 | 408 | 578 | 456 | 2987 | 427 | 1953 | 391 | 1034 | 517 |
| 12:00 | 372 | 326 | 350 | 460 | 428 | 600 | 438 | 2974 | 425 | 1936 | 387 | 1038 | 519 |
| 13:00 | 472 | 465 | 455 | 422 | 467 | 432 | 456 | 3169 | 453 | 2281 | 456 | 888 | 444 |
| 14:00 | 437 | 431 | 462 | 431 | 560 | 434 | 393 | 3148 | 450 | 2321 | 464 | 827 | 414 |
| 15:00 | 423 | 623 | 520 | 459 | 513 | 386 | 346 | 3270 | 467 | 2538 | 508 | 732 | 366 |
| 16:00 | 441 | 455 | 521 | 402 | 393 | 359 | 327 | 2898 | 414 | 2212 | 442 | 686 | 343 |
| 17:00 | 412 | 297 | 418 | 385 | 294 | 250 | 287 | 2343 | 335 | 1806 | 361 | 537 | 269 |
| 18:00 | 218 | 209 | 177 | 113 | 158 | 180 | 161 | 1216 | 174 | 875 | 175 | 341 | 171 |
| 19:00 | 128 | 187 | 145 | 135 | 172 | 107 | 92 | 966 | 138 | 767 | 153 | 199 | 100 |
| 20:00 | 67 | 69 | 71 | 167 | 155 | 55 | 48 | 632 | 90 | 529 | 106 | 103 | 52 |
| 21:00 | 21 | 50 | 19 | 7 | 69 | 11 | 13 | 190 | 27 | 166 | 33 | 24 | 12 |
| 22:00 | 4 | 1 | 2 | 5 | 0 | 4 | 2 | 18 | 3 | 12 | 2 | 6 | 3 |
| 23:00 | 1 | 6 | 1 | 0 | 1 | 2 | 2 | 13 | 2 | 9 | 2 | 4 | 2 |
| Total | 4768 | 4533 | 4850 | 4513 | 5060 | 4554 | 3843 | 32121 | 4589 | 23724 | 4745 | 8397 | 4199 |
| % Heavy | 3.54% | 5.23% | 4.35% | 4.85% | 5.00% | 3.12% | 3.72% | 4.2 | 8% | 4.5 | 9% | 3.3 | 9% |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| AUTOMATIC COUNT SUMMARY | | | | | | | | | |
|-------------------------|---------------------|---------------|--------------------------|--|--|--|--|--|--|
| Street Name : | West of Desailly St | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | |
| Machine ID: | MD00QXA4 | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | |
| Site ID: | 24116 | Speed Zone : | 50 km/h | | | | | | |
| Prepared By : | | Email: | | | | | | | |

| GPS information | Lat | 38° 6' 22.45 South | Direction of Travel | | | | |
|-------------------|------|---------------------------|---------------------|-----------|-----------|--|--|
| | Long | 147° 3' 48.51 East | Both directions | Westbound | Eastbound | | |
| Traffic Volume : | | Weekdays Average | 270 | 270 | 0 | | |
| (Vehicles/Day) | | 7 Day Average | 261 | 261 | 0 | | |
| Weekday | AM | 11:00 | 30 | 30 | 0 | | |
| Peak hour start | PM | 14:00 | 27 | 27 | 0 | | |
| Speeds : | | 85th Percentile | 30.2 | 30.2 | N/A | | |
| (Km/Hr) | | Average | 25.7 | 25.7 | N/A | | |
| Classification %: | | Light Vehicles up to 5.5m | 87.6% | 87.6% | N/A | | |





QUALITY ASSURED COMPANY BY ISO 9001:2015
OH&S SYSTEM CERTIFIED TO ISO 4801:2001

ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY ** trafficsurvey.com.au

Site New Railway Rd

Back to Site Summary Page Direction Westbound

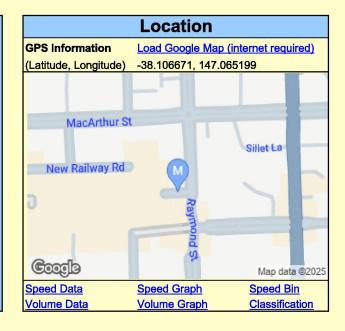
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 d | ays | Wee | kday | Wee | kend |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|---------|------------|---------|-------|---------|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average |
| AM Peak | 10:00 | 11:00 | 11:00 | 10:00 | 10:00 | 11:00 | 11:00 | N/A | 11:00 | N/A | 11:00 | N/A | 11:00 |
| PM Peak | 13:00 | 12:00 | 14:00 | 13:00 | 14:00 | 12:00 | 13:00 | N/A | 12:00 | N/A | 14:00 | N/A | 12:00 |
| 00:00 | 2 | 1 | 2 | 1 | 1 | 4 | 0 | 11 | 2 | 7 | 1 | 4 | 2 |
| 01:00 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 6 | 1 | 5 | 1 | 1 | 1 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 0 | 1 | 0 | 2 | 1 |
| 04:00 | 2 | 2 | 2 | 3 | 3 | 2 | 0 | 14 | 2 | 12 | 2 | 2 | 1 |
| 05:00 | 1 | 0 | 0 | 2 | 3 | 0 | 0 | 6 | 1 | 6 | 1 | 0 | 0 |
| 06:00 | 5 | 4 | 3 | 5 | 3 | 2 | 1 | 23 | 3 | 20 | 4 | 3 | 2 |
| 07:00 | 4 | 1 | 10 | 5 | 13 | 4 | 3 | 40 | 6 | 33 | 7 | 7 | 4 |
| 08:00 | 11 | 12 | 10 | 7 | 17 | 6 | 5 | 68 | 10 | 57 | 11 | 11 | 6 |
| 09:00 | 15 | 21 | 11 | 6 | 23 | 16 | 8 | 100 | 14 | 76 | 15 | 24 | 12 |
| 10:00 | 29 | 22 | 23 | 26 | 36 | 17 | 16 | 169 | 24 | 136 | 27 | 33 | 17 |
| 11:00 | 25 | 44 | 24 | 26 | 31 | 51 | 23 | 224 | 32 | 150 | 30 | 74 | 37 |
| 12:00 | 20 | 30 | 22 | 23 | 27 | 36 | 27 | 185 | 26 | 122 | 24 | 63 | 32 |
| 13:00 | 29 | 23 | 12 | 27 | 15 | 30 | 34 | 170 | 24 | 106 | 21 | 64 | 32 |
| 14:00 | 24 | 27 | 32 | 19 | 35 | 24 | 21 | 182 | 26 | 137 | 27 | 45 | 23 |
| 15:00 | 26 | 25 | 18 | 19 | 24 | 25 | 16 | 153 | 22 | 112 | 22 | 41 | 21 |
| 16:00 | 24 | 15 | 26 | 8 | 26 | 21 | 20 | 140 | 20 | 99 | 20 | 41 | 21 |
| 17:00 | 17 | 29 | 28 | 13 | 28 | 10 | 18 | 143 | 20 | 115 | 23 | 28 | 14 |
| 18:00 | 12 | 12 | 14 | 8 | 17 | 10 | 10 | 83 | 12 | 63 | 13 | 20 | 10 |
| 19:00 | 1 | 4 | 11 | 10 | 8 | 10 | 3 | 47 | 7 | 34 | 7 | 13 | 7 |
| 20:00 | 4 | 4 | 6 | 7 | 7 | 15 | 3 | 46 | 7 | 28 | 6 | 18 | 9 |
| 21:00 | 7 | 9 | 3 | 5 | 12 | 2 | 1 | 39 | 6 | 36 | 7 | 3 | 2 |
| 22:00 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 4 | 1 | 1 | 0 | 3 | 2 |
| 23:00 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 4 | 1 | 3 | 1 | 1 | 1 |
| Total | 260 | 289 | 259 | 222 | 330 | 290 | 211 | | | 1360 272 | | 501 | 251 |
| % Heavy | 14.23% | 9.34% | 12.36% | 16.22% | 14.85% | 10.00% | 8.06% | 12.2 | 20% | 13.31% 9.1 | | | 18% |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| | AUTOMATIC COU | NT SUMM | ARY | | | | | | | | | | | | |
|---------------|---|---------------|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Street Name : | PERSON TO CONTROL OF THE PERSON OF THE PERS | | | | | | | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | | | | | | | |
| Machine ID: | CX20WTP7/P | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | | | | | | | |
| Site ID: | 24117 | Speed Zone : | 20 km/h | | | | | | | | | | | | |
| Prepared By : | | Email: | | | | | | | | | | | | | |

| GPS information | Lat | 38° 6' 24.02 South | | Direction of Trave | el |
|-------------------|------|---------------------------|-----------------|--------------------|-----------|
| | Long | 147° 3' 54.72 East | Both directions | Westbound | Eastbound |
| Traffic Volume : | | Weekdays Average | 777 | 777 | 0 |
| (Vehicles/Day) | | 7 Day Average | 747 | 747 | 0 |
| Weekday | AM | 11:00 | 79 | 79 | 0 |
| Peak hour start | PM | 15:00 | 77 | 77 | 0 |
| Speeds : | | 85th Percentile | 17.3 | 17.3 | N/A |
| (Km/Hr) | | Average | 14.8 | 14.8 | N/A |
| Classification %: | | Light Vehicles up to 5.5m | 97.6% | 97.6% | N/A |





QUALITY ASSURED COMPANY BY ISO 9001:2015 OH&S SYSTEM CERTIFIED TO ISO 4801:2001

ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY ** trafficsurvey.com.au

New Railway Rd Site

Back to Site Summary Page **Direction** Westbound

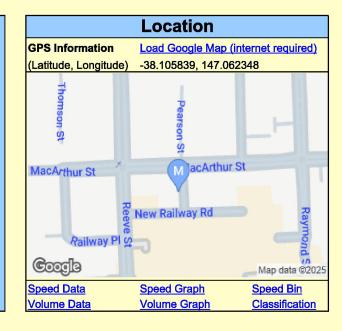
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 d | ays | Wee | kday | Wee | kend |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|---------|-------|---------|-------|---------|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average |
| AM Peak | 11:00 | 11:00 | 10:00 | 10:00 | 11:00 | 11:00 | 11:00 | N/A | 11:00 | N/A | 11:00 | N/A | 11:00 |
| PM Peak | 12:00 | 15:00 | 15:00 | 13:00 | 15:00 | 12:00 | 12:00 | N/A | 12:00 | N/A | 15:00 | N/A | 12:00 |
| 00:00 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| 01:00 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 5 | 1 | 3 | 1 | 2 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 3 | 0 | 2 | 2 | 9 | 1 | 5 | 1 | 4 | 2 |
| 04:00 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 10 | 1 | 8 | 2 | 2 | 1 |
| 05:00 | 3 | 3 | 2 | 2 | 0 | 2 | 2 | 14 | 2 | 10 | 2 | 4 | 2 |
| 06:00 | 4 | 4 | 13 | 8 | 17 | 10 | 6 | 62 | 9 | 46 | 9 | 16 | 8 |
| 07:00 | 12 | 17 | 24 | 18 | 19 | 10 | 6 | 106 | 15 | 90 | 18 | 16 | 8 |
| 08:00 | 34 | 32 | 43 | 32 | 46 | 26 | 26 | 239 | 34 | 187 | 37 | 52 | 26 |
| 09:00 | 47 | 64 | 47 | 64 | 61 | 70 | 31 | 384 | 55 | 283 | 57 | 101 | 51 |
| 10:00 | 73 | 66 | 87 | 80 | 79 | 99 | 64 | 548 | 78 | 385 | 77 | 163 | 82 |
| 11:00 | 78 | 82 | 67 | 80 | 88 | 116 | 72 | 583 | 83 | 395 | 79 | 188 | 94 |
| 12:00 | 76 | 72 | 73 | 74 | 71 | 87 | 76 | 529 | 76 | 366 | 73 | 163 | 82 |
| 13:00 | 74 | 66 | 57 | 75 | 70 | 71 | 59 | 472 | 67 | 342 | 68 | 130 | 65 |
| 14:00 | 66 | 69 | 68 | 65 | 74 | 61 | 51 | 454 | 65 | 342 | 68 | 112 | 56 |
| 15:00 | 75 | 76 | 83 | 65 | 84 | 62 | 62 | 507 | 72 | 383 | 77 | 124 | 62 |
| 16:00 | 64 | 69 | 76 | 68 | 73 | 44 | 52 | 446 | 64 | 350 | 70 | 96 | 48 |
| 17:00 | 63 | 60 | 63 | 55 | 65 | 31 | 49 | 386 | 55 | 306 | 61 | 80 | 40 |
| 18:00 | 33 | 27 | 39 | 40 | 38 | 32 | 18 | 227 | 32 | 177 | 35 | 50 | 25 |
| 19:00 | 20 | 27 | 23 | 28 | 22 | 11 | 14 | 145 | 21 | 120 | 24 | 25 | 13 |
| 20:00 | 11 | 17 | 12 | 14 | 12 | 10 | 7 | 83 | 12 | 66 | 13 | 17 | 9 |
| 21:00 | 4 | 3 | 2 | 5 | 4 | 0 | 2 | 20 | 3 | 18 | 4 | 2 | 1 |
| 22:00 | 0 | 1 | 1 | 1 | 0 | 2 | 1 | 6 | 1 | 3 | 1 | 3 | 2 |
| 23:00 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 1 | 1 |
| Total | 743 | 757 | 783 | 780 | 825 | 750 | 601 | 5239 | 748 | 3888 | 778 | 1351 | 676 |
| % Heavy | 3.63% | 2.38% | 1.66% | 3.46% | 2.55% | 1.87% | 1.16% | 2.4 | 2% | 2.7 | 3% | 1.5 | 5% |

TRANS TRAFFIC SURVEY

T. 1300 82 88 82 - F. 1300 83 88 83 - E. traffic@trafficsurvey.com.au - W. www.trafficsurvey.com.au

| | AUTOMATIC COU | NT SUMMA | ARY | | | | | | | | | | | | |
|---------------|---|---------------|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Street Name : | \$1,000,000,000,000,000,000,000,000,000,0 | | | | | | | | | | | | | | |
| Suburb : | Sale | Start Date : | 00:00 Sat 02/August/2025 | | | | | | | | | | | | |
| Machine ID: | MD629P9C | Finish Date : | 00:00 Sat 09/August/2025 | | | | | | | | | | | | |
| Site ID: | 24119 | Speed Zone : | 50 km/h | | | | | | | | | | | | |
| Prepared By : | | Email: | | | | | | | | | | | | | |

| GPS information | Lat | 38° 6' 21.02 South | | Direction of Tra | avel |
|-------------------|------|---------------------------|-----------------|------------------|------------|
| | Long | 147° 3' 44.45 East | Both directions | Northbound | Southbound |
| Traffic Volume : | | Weekdays Average | 391 | 176 | 215 |
| (Vehicles/Day) | | 7 Day Average | 328 | 148 | 180 |
| Weekday | AM | 10:00 | 41 | 22 | 19 |
| Peak hour starts | PM | 14:00 | 37 | 18 | 19 |
| Speeds : | | 85th Percentile | 28.3 | 27.3 | 29.6 |
| (Km/Hr) | | Average | 24.1 | 23.2 | 25.2 |
| Classification %: | | Light Vehicles up to 5.5m | 84.3% | 84.9% | 83.8% |





QUALITY ASSURED COMPANY BY ISO 9001:2015
OH&S SYSTEM CERTIFIED TO ISO 4801:2001
ENVIRONMENT MANAGEMENT SYSTEM CERTIFIED TO ISO14001:2015

TRANS TRAFFIC SURVEY ** trafficsurvey.com.au

Site Pearson St

Direction Both directions

Back to Site Summary Page

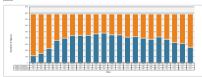
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 7 d | ays | Wee | kday | Wee | kend |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|---------|-------|---------|-------|---------|
| Date | 4/08/2025 | 5/08/2025 | 6/08/2025 | 7/08/2025 | 8/08/2025 | 2/08/2025 | 3/08/2025 | Total | Average | Total | Average | Total | Average |
| AM Peak | 10:00 | 08:00 | 09:00 | 08:00 | 10:00 | 11:00 | 10:00 | N/A | 10:00 | N/A | 10:00 | N/A | 11:00 |
| PM Peak | 13:00 | 13:00 | 14:00 | 12:00 | 14:00 | 12:00 | 16:00 | N/A | 14:00 | N/A | 14:00 | N/A | 12:00 |
| 00:00 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 4 | 1 | 2 | 0 | 2 | 1 |
| 01:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 4 | 1 | 2 | 0 | 2 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 3 | 0 | 2 | 0 | 1 | 1 |
| 04:00 | 6 | 2 | 5 | 5 | 10 | 4 | 1 | 33 | 5 | 28 | 6 | 5 | 3 |
| 05:00 | 2 | 4 | 7 | 5 | 4 | 9 | 6 | 37 | 5 | 22 | 4 | 15 | 8 |
| 06:00 | 10 | 12 | 10 | 16 | 12 | 7 | 6 | 73 | 10 | 60 | 12 | 13 | 7 |
| 07:00 | 9 | 1 | 2 | 6 | 11 | 9 | 0 | 38 | 5 | 29 | 6 | 9 | 5 |
| 08:00 | 33 | 39 | 39 | 35 | 32 | 15 | 13 | 206 | 29 | 178 | 36 | 28 | 14 |
| 09:00 | 41 | 28 | 51 | 26 | 34 | 17 | 7 | 204 | 29 | 180 | 36 | 24 | 12 |
| 10:00 | 47 | 32 | 46 | 31 | 53 | 13 | 14 | 236 | 34 | 209 | 42 | 27 | 14 |
| 11:00 | 34 | 30 | 47 | 35 | 38 | 32 | 9 | 225 | 32 | 184 | 37 | 41 | 21 |
| 12:00 | 27 | 28 | 38 | 38 | 35 | 17 | 10 | 193 | 28 | 166 | 33 | 27 | 14 |
| 13:00 | 40 | 43 | 34 | 37 | 30 | 15 | 12 | 211 | 30 | 184 | 37 | 27 | 14 |
| 14:00 | 35 | 36 | 47 | 29 | 44 | 9 | 14 | 214 | 31 | 191 | 38 | 23 | 12 |
| 15:00 | 22 | 42 | 37 | 30 | 36 | 4 | 12 | 183 | 26 | 167 | 33 | 16 | 8 |
| 16:00 | 35 | 29 | 36 | 31 | 28 | 2 | 20 | 181 | 26 | 159 | 32 | 22 | 11 |
| 17:00 | 25 | 15 | 21 | 16 | 15 | 8 | 11 | 111 | 16 | 92 | 18 | 19 | 10 |
| 18:00 | 20 | 24 | 12 | 7 | 11 | 5 | 3 | 82 | 12 | 74 | 15 | 8 | 4 |
| 19:00 | 12 | 14 | 9 | 8 | 12 | 3 | 6 | 64 | 9 | 55 | 11 | 9 | 5 |
| 20:00 | 2 | 1 | 2 | 5 | 8 | 0 | 0 | 18 | 3 | 18 | 4 | 0 | 0 |
| 21:00 | 4 | 4 | 3 | 1 | 6 | 3 | 7 | 28 | 4 | 18 | 4 | 10 | 5 |
| 22:00 | 0 | 2 | 0 | 4 | 0 | 2 | 0 | 8 | 1 | 6 | 1 | 2 | 1 |
| 23:00 | 1 | 7 | 0 | 0 | 2 | 0 | 0 | 10 | 1 | 10 | 2 | 0 | 0 |
| Total | 407 | 395 | 446 | 367 | 421 | 176 | 154 | 2366 | 338 | 2036 | 407 | 330 | 165 |
| % Heavy | 15.48% | 16.71% | 14.13% | 18.26% | 15.91% | 17.05% | 16.23% | 16. | 10% | 16. | 01% | 16.0 | 67% |





TRANS TRAFFIC SURVEY Paring Occupancy Survey Description of the Company of the C

| Patri | | | | | | | | | | | | | | | | P | arkin | g Occ | upano | су | | | | | | | _ | П |
|-----------------|---------|-----------------------------|--------------------------------|-------|--|-----------|----------|-----|-----|-----|-----|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| Parking (10) | Map Ref | Street | Section | Side | Restriction | Clear Way | Capacity | 998 | 959 | 996 | 926 | 18.00 | 16.30 | 11.00 | 1130 | 12.00 | 12.80 | 13.66 | 13.86 | 14.00 | 14.8 | 19.00 | 18.80 | 16.00 | 16.30 | 17.00 | 17.80 | 18.00 |
| - 1 | | MAANU S | Reeve 31 to Peaston 31 | North | Unredicted | | 7 | 2 | 8 | 8 | 4 | 8 | 4 | 6 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | | 0 | 0 | a | a |
| 1 | | | | South | Unesticat | | | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 0 | a | 1 | 1 | 2 | 2 | 1 |
| 1 | | | Pearson St to Desaity St | No th | Unesticat | | 11 | 4 | 4 | 4 | 3 | 8 | 8 | 6 | 4 | | 1 | 8 | 4 | | | 4 | 4 | 2 | 2 | 2 | 2 | 1 |
| 1 | | | | 1000 | Unesticat | | 12 | 3 | 7 | T | | | | 10 | | | 1 | 9 | | | 1 | 7 | 7 | | | | 2 | 1 |
| - 1 | | | | Bouth | Unedicted | | 10 | 3 | 8 | 8 | 8 | | | 6 | | | | 6 | 4 | 7 | | 6 | | 3 | 2 | 3 | 2 | a |
| 1 | | | Desaily St to Raymond St | North | 2P New Spin Man-Fil, New Spin Stat | | 9 | 2 | 2 | 8 | 4 | 4 | 4 | 3 | 8 | | 8 | 4 | 4 | 3. | 3 | 6 | 2 | 3 | 2 | 0 | 3 | 3 |
| 1 | | | | 1000 | 2P have 4pm blan-Fil, base-type Stat | | 22 | 7 | 11 | 11 | 11 | 13 | 13 | 12 | 11 | 14 | 15 | 11 | 11 | 11 | 13 | 12 | 14 | 12 | 11 | 11 | 4 | 4 |
| 1 | | | | South | 2P have 4pm blan-Fil, base-type Stat | | 10 | 0 | 0 | 2 | 4 | 4 | | 4 | 2 | 4 | 1 | 4 | | | | 6 | 8 | 3 | 3 | 4 | 3 | 4 |
| 1 | | Peason SI | Cur De Sac is MacAlliur St | Medi | Uninchicated | | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 |
| 1 | | | | East | Unindicated | | 16 | 0 | 0 | 0 | a | 1 | 1 | 1 | 1 | 1 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | a |
| 1 | | | MacArthur St to New Railway Rd | Med | 29 | | 17 | 1 | 4 | T | | 9 | 9 | 10 | 10 | | 9 | 9 | | | 1 | 9 | 7 | 10 | 9 | | 3 | 2 |
| 1 | | | | fact | Uninchicated | | 16 | 3. | 3 | 4 | 4 | 4 | 8 | 6 | 4 | 7 | 6 | 6 | 4 | 1 | 8 | 8 | 4 | 4 | 4 | 3 | 3 | 2 |
| 1 | | Desailly St | Stavel St to MacArthur St | Medi | Unesticated | | 13 | 0 | 1 | 2 | 2 | 3 | 2 | 2 | ~ | 2 | 1 | 3 | 2 | 2 | N | 10 | 2 | N | 2 | 0 | a | |
| 0 | | | | | No Stopping | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ø | 0 | 0 | 0 | | 0 |
| 1 | | | | East | Unindicated | | 16 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 8 | 3 |
| 0 | | | | | No Stopping | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ū | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | а | 0 |
| 1 | CP1 | | | | P At Day Passing Area | | 169 | 25 | 26 | 41 | 85 | 53. | 49 | 63 | | 64 | 85 | 61 | 83 | 59 | 2 | 9 | 47 | 4 | 33 | 31 | 211 | × |
| 1 | CP2 | | | | 2P New Opin Man-Fil, New Opin Set | | 113 | | 13 | 28 | 38 | 61 | 76 | 73 | 8 | 87 | 146 | 84 | 64 | 72 | 2 | 3 | n | 16 | 94 | 68 | 55 | 29 |
| 1 | | | | | 2P Disabled City Nam-Spin Mon-Fri, Nam-Spin Stat | | 2 | 0 | 0 | 0 | a | 0 | 0 | 0 | | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | |
| 1 | | | | | 3P Nav-Spn Man-Fil, Nav-Spn Sat | | 41 | 1 | | 14 | 35 | 28. | 35 | 31 | M | 26 | 27 | 25 | 216 | 19 | 26 | 36 | 28 | Ħ | 36 | 27 | 24 | 24 |
| 1 | | | | | 3P Disabled City Sam-Spin Mon-Fri, Sam-Spin Stat | | 2 | 0 | 0 | 0 | a | 0 | 0 | 0 | | 0 | 0 | 0 | a | 0 | 0 | 0 | a | 0 | 0 | 0 | a | a |
| 1 | | | | | 3P Parents with Prame Sam-tipe Man-Fit, Sam-tipe Sat | | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | ~ | 1 | 0 | 0 | | 0 | 0 | 0 | a | 0 | 0 | 0 | a | a |
| - 1 | | | | | Weatherthe Direct to Boot | | 4 | 0 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 3 | 1 | 2 | 3 | 1 | 1 | 2 | 1 | 1 |
| 1 | | | | | P 15mins transpm Mon-Fri, transpm Sat | | 12 | | | | | 7 | 10 | 11 | 12 | 11 | 12 | 10 | 7 | | 10 | 11 | 12 | | | 7 | 11 | |
| 1 | | | | | Loading Zone | | 1 | 0 | 0 | 0 | a | 0 | 0 | 0 | | 0 | 0 | 0 | ø | 0 | 0 | 0 | a | | 0 | 0 | a | a |
| 1 | CPS | | | | 2P Nam-Spin Man-Fil, Nam-Spin Stat | | 27 | 2 | | 12 | 10 | 18 | 23 | 24 | 24 | 25 | п | 23 | 25 | 26 | 25 | 16 | 24 | 21 | 17 | 16 | 14 | 13 |
| - 1 | | | | | 2P Nam-Spin Man-Fil, Nam-Spin Sax | | 209 | 38 | 63 | ** | 141 | 194 | 165 | 196 | 166 | 175 | 172 | 168 | 180 | 180 | 143 | 139 | 126 | 145 | 137 | 129 | 166 | 125 |
| - 1 | | | | | P Disabled Only | | 7 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 0 |
| 1 | | | | | 2P Parents with Prams Sam-Spri Mun-Fri, Sam-Spri Sat | | 4 | 2 | 2 | 3 | 3 | 3. | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 1 | 2 | 2 |
| 1 | | | | | 2P Nameton Mon-Fit, Nam-ton Sat Missocycle Parking | | 2 | 0 | 0 | 0 | • | 0 | 0 | 0 | | 0 | 6 | 0 | ø | 0 | 0 | 0 | ø | 0 | 0 | 0 | | 0 |
| 1 | | | | | 2P Received Harvey Norman | | | 0 | 0 | 3 | | 6 | 6 | 7 | | * | | 7 | | | 7 | | 8 | 7 | | 4 | 3 | 1 |
| - 1 | | | | L | 2P Disabled Only Reserved Harvey Norman | | 1 | 0 | 1 | 1 | 1 | 1 | 1 | , | , | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | = | 0 | - | - | a |
| | | CAPACITY | | | | | | 785 | 785 | 785 | 795 | | 785 | 785 | 795 | 785 | 785 | 785 | 785 | 785 | | 785 | 795 | 785 | | | | 785 |
| | | OCCUPANCES | | | | | | 115 | 154 | 231 | 358 | | 438 | 441 | 460 | 468 | Ę | 451 | 468 | 412 | 421 | 296 | 279 | 454 | 279 | 329 | 310 | 251 |
| | PUBLIC | VACANCIES | | | | | | 679 | 631 | 554 | 2 | 289 | 347 | 366 | 365 | 317 | 307 | 234 | 227 | 273 | 264 | 233 | 406 | 271 | 406 | CS4 | es | 534 |
| | PUBLIC | % OCCUPANCIES | | | | | | 15% | 20% | 29% | 66% | 50% | 54% | 56% | Seni | 60% | 61% | 57% | 57% | 52% | 54% | Son | 48% | 53% | 48% | 42% | 29% | 32% |
| | | not available for public pa | king | | | | | | | | | | | | | | | | | | | | | | | | | |

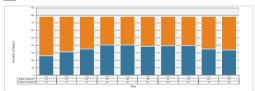


(Update) Parking MacArthur Street, Sale

| | NS TRAFFIC | SURVEY | |
|----------|--------------------|--------|--|
| The same | Harata Statut 1995 | | |
| | | | |

| Public | | | | | | | | | | | Parl | ing C | ccup | ancy | | | |
|-----------------|---------|--------------|--------------------------------|--|--|-----------|----------|------|-------|------|-------|-------|-------|------|-------|-------|-------|
| Parking (10) | Map Ref | Street | Section | Side Restriction North Unrestricted South Unrestricted | | Clear Way | Capacity | 9:30 | 10:00 | 1030 | 11.00 | 1130 | 12:00 | 1230 | 13.00 | 13:30 | 14.00 |
| 1 | | MacAnthur St | Reeve St to Pearson St | North | Unrestricted | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 1 | | | | South | Unrestricted | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | ٥ |
| 1 | | | Pearson St to Desailly St | North | Unrestricted | | 11 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | а | 3 | 3 |
| 1 | | | | Middle | Unrestricted | | 12 | 4 | 4 | 6 | 6 | 7 | 7 | 6 | 5 | 4 | 4 |
| 1 | | | | South | Unrestricted | | 10 | а | 3 | а | 5 | 5 | а | 3 | 5 | 5 | 3 |
| 1 | | | Detailly St to Raymond St | North | 2P Sam-Spm Mon-Fri, Sam-1pm Sat | | 9 | 0 | 0 | 0 | 1 | 2 | 5 | 0 | 2 | 3 | 2 |
| 1 | | | | Middle | 2P 9am-6pm Mon-Fri, 9am-1pm Sat | | 22 | 5 | 6 | 10 | 9 | 11 | 9 | 7 | 5 | 5 | 4 |
| - 1 | | | | South | 2P 9am-6pm Mon-Fri, 9am-1pm Sat | | 10 | 4 | 2 | 6 | 7 | 7 | 7 | - 4 | 1 | 2 | 2 |
| 1 | | Pearson St | Cui-De-Sac to MacAnhur St | West | Unrestricted | | 13 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | ٥ | ٥ |
| 1 | | | | East | Unrestricted | | 16 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 1 | | | MacArthur St to New Railway Rd | West | 29 | | 17 | 0 | 0 | 1 | 1 | 2 | а | 2 | 1 | 1 | 2 |
| 1 | | | | East | Unrestricted | | 16 | 5 | 4 | а | 5 | 4 | 4 | 5 | 4 | 4 | 4 |
| 1 | | Decailly St | Stawell St to MacArthur St | West | Unrestricted | | 13 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | | | | | No Stopping | | - 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | | | | East | Unrestricted | | 16 | 2 | 2 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 2 |
| 0 | | | | | No Stopping | | - 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | CP1 | | | | P All Day Parking Area | | 169 | 31 | 40 | 27 | 39 | 27 | 41 | 44 | 20 | 37 | 36 |
| 1 | CP2 | | | | 2P 9am-6pm Mon-Fri, 9am-6pm Sat | | 113 | 37 | 42 | 74 | 79 | 91 | 67 | 71 | 79 | 65 | 60 |
| 1 | | | | | 2P Disabled Only Sam-Spm Mon-Fri, Sam-Spm Sat | | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | ٥ |
| 1 | | | | | 3P 9am-6pm Mon-Fri, 9am-6pm Sat | | 41 | 16 | 23 | 23 | 29 | 23 | 29 | 23 | 20 | 21 | 20 |
| 1 | | | | | 3P Disabled Only Sam-Spm Mon-Fri, Sam-Spm Sat | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ٥ |
| 1 | | | | | 3P Parents with Prams Sam-Epm Mon-Fri, Sam-Spm Sat | | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | | | | | Woolworths Direct to Bloot | | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 1 |
| 1 | | | | | P 15mins 9am-6pm Mon-Fri, 9am-5pm Sat | | 12 | 5 | 5 | 9 | 9 | 7 | 11 | 11 | 11 | 10 | 7 |
| 1 | | | | | Loading Zone | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ٥ |
| 1 | CP3 | | | | 2P Sam-Spm Mon-Fri, Sam-1pm Sat | | 27 | 10 | 17 | 19 | 21 | 19 | 14 | 25 | 21 | 16 | 15 |
| 1 | | | | | 2P Sam-Spm Mon-Fri, Sam-Spm Sat | | 209 | 127 | 150 | 142 | 176 | 180 | 170 | 177 | 173 | 160 | 153 |
| 1 | | | | | P Disabled Only | | 7 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 2 | 0 |
| 1 | | | | | 2P Parents with Prams Sam-Epm Mon-Pri, Sam-Spm Sat | | 4 | 3 | 3 | 4 | 4 | 3 | а | 3 | а | 3 | 3 |
| 1 | 1 - | 1 | | Π | 2P 9am-6pm Mon-Pri, 9am-1pm Sat Motorcycle Parking | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | | | | | 2P Reserved Harvey Norman | | 9 | 5 | 7 | 7 | 7 | 7 | 6 | 4 | 5 | sa. | 6 |
| 1 | 1 - | 1 | | Π | 2P Disabled Only Reserved Harvey Norman | | - 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | PUBLIC | CAPACITY | | | | | | 785 | 785 | 785 | 785 | 785 | 785 | 785 | 785 | 785 | 785 |
| | PUBLIC | OCCUPANCIES | | | | | | 261 | 313 | 351 | ğ | 46 | 387 | 394 | 225 | 352 | 338 |
| | PUBLIC | VACANCIES | | | | | | 524 | 472 | 434 | 301 | 380 | 398 | 391 | 290 | 8 | 447 |
| | PUBLIC | % OCCUPANCES | | | | | | 33% | 40% | 45% | 51% | 52% | 49% | 50% | 50% | 45% | 43% |





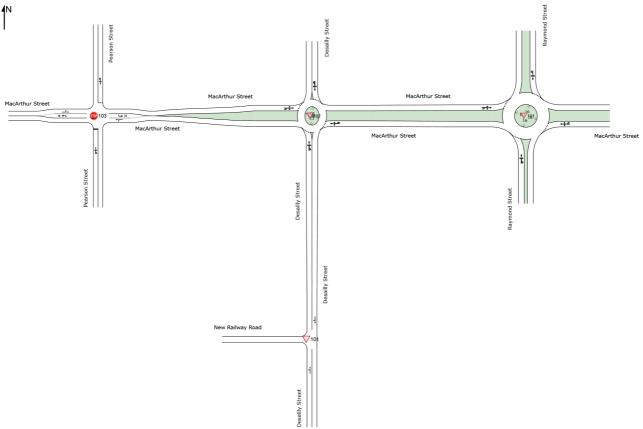
NETWORK LAYOUT

■■ Network: N101 [Existing - Thursday - AM (Network Folder:

General)]

MacArthur Street and Desailly Street network Network Category: Existing Design

Layout pictures are schematic functional drawings reflecting input data. They are not design drawings.



| SITES IN | NETWORK | |
|--------------|---------|-----------------------------------|
| Site ID | CCG ID | Site Name |
| ₩ 101 | NA | EX-THU-AM: Raymond / MacArthur |
| ₩ 102 | NA | EX-THU-AM: Desailly / MacArthur |
| 103 | NA | EX-THU-AM: Pearson / MacArthur |
| √101 | NA | EX-THU-AM: Desailly / New Railway |

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Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Created: Thursday, 23 October 2025 3:37:20 PM

Project: Q:\mel\jobs\Jobs Data\2402360 - 38-50 MacArthur Street, Sale_Traf\Analysis\Internal\2402360-TR-REP-01-1.0-SIDRA v1.1.sip9

Site: 101 [EX-THU-AM: Raymond / MacArthur (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

► Network: N101 [Existing - Thursday - AM (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|------|---------------|---------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival lows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Rayı | mond Stre | | | | | | | | | | | | | |
| 1 | L2 | All MCs | 28 | 0.0 | 28 | 0.0 | 0.153 | 4.5 | LOSA | 0.8 | 6.0 | 0.46 | 0.54 | 0.46 | 33.9 |
| 2 | T1 | All MCs | 84 | 0.0 | 84 | 0.0 | 0.153 | 4.5 | LOSA | 8.0 | 6.0 | 0.46 | 0.54 | 0.46 | 40.2 |
| 3 | R2 | All MCs | 31 | 3.4 | 31 | 3.4 | 0.153 | 8.6 | LOSA | 0.8 | 6.0 | 0.46 | 0.54 | 0.46 | 39.1 |
| 3u | U | All MCs | 21 | 5.0 | 21 | 5.0 | 0.153 | 10.4 | LOS B | 0.8 | 6.0 | 0.46 | 0.54 | 0.46 | 37.1 |
| Appro | ach | | 164 | 1.3 | 164 | 1.3 | 0.153 | 6.0 | LOSA | 8.0 | 6.0 | 0.46 | 0.54 | 0.46 | 38.9 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 71 | 4.5 | 71 | 4.5 | 0.253 | 4.9 | LOSA | 1.5 | 11.0 | 0.51 | 0.53 | 0.51 | 40.2 |
| 5 | T1 | All MCs | 163 | 3.9 | 163 | 3.9 | 0.253 | 4.9 | LOSA | 1.5 | 11.0 | 0.51 | 0.53 | 0.51 | 37.6 |
| 6 | R2 | All MCs | 25 | 12.5 | 25 | 12.5 | 0.253 | 9.2 | LOSA | 1.5 | 11.0 | 0.51 | 0.53 | 0.51 | 40.6 |
| 6u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.253 | 10.6 | LOS B | 1.5 | 11.0 | 0.51 | 0.53 | 0.51 | 40.8 |
| Appro | ach | | 260 | 4.9 | 260 | 4.9 | 0.253 | 5.3 | LOSA | 1.5 | 11.0 | 0.51 | 0.53 | 0.51 | 38.9 |
| North | : Rayr | nond Stre | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 66 | 1.6 | 66 | 1.6 | 0.267 | 4.9 | LOSA | 1.6 | 11.4 | 0.52 | 0.56 | 0.52 | 40.9 |
| 8 | T1 | All MCs | 139 | 0.0 | 139 | 0.0 | 0.267 | 4.9 | LOSA | 1.6 | 11.4 | 0.52 | 0.56 | 0.52 | 40.2 |
| 9 | R2 | All MCs | 72 | 5.9 | 72 | 5.9 | 0.267 | 9.1 | LOSA | 1.6 | 11.4 | 0.52 | 0.56 | 0.52 | 37.0 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.267 | 10.7 | LOS B | 1.6 | 11.4 | 0.52 | 0.56 | 0.52 | 40.5 |
| Appro | ach | | 278 | 1.9 | 278 | 1.9 | 0.267 | 6.0 | LOSA | 1.6 | 11.4 | 0.52 | 0.56 | 0.52 | 39.8 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 54 | 5.9 | 54 | 5.9 | 0.253 | 4.1 | LOSA | 1.5 | 11.0 | 0.39 | 0.47 | 0.39 | 40.0 |
| 11 | T1 | All MCs | 193 | 2.7 | 193 | 2.7 | 0.253 | 4.1 | LOSA | 1.5 | 11.0 | 0.39 | 0.47 | 0.39 | 40.5 |
| 12 | R2 | All MCs | 54 | 0.0 | 54 | 0.0 | 0.253 | 8.1 | LOS A | 1.5 | 11.0 | 0.39 | 0.47 | 0.39 | 37.7 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.253 | 9.8 | LOSA | 1.5 | 11.0 | 0.39 | 0.47 | 0.39 | 33.3 |
| Appro | ach | | 301 | 2.8 | 301 | 2.8 | 0.253 | 4.8 | LOSA | 1.5 | 11.0 | 0.39 | 0.47 | 0.39 | 39.9 |
| All Ve | hicles | | 1003 | 2.8 | 1003 | 2.8 | 0.267 | 5.5 | LOSA | 1.6 | 11.4 | 0.47 | 0.52 | 0.47 | 39.5 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 102 [EX-THU-AM: Desailly / MacArthur (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

► Network: N101 [Existing - Thursday - AM (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|-------------|-------|-------------|-------|-------|---------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | Total | ows HV 1 | | ows HV 1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m | | | -, | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 20 | 0.0 | 20 | 0.0 | 0.078 | 4.5 | LOSA | 0.4 | 2.7 | 0.37 | 0.59 | 0.37 | 27.9 |
| 2 | T1 | All MCs | 5 | 0.0 | 5 | 0.0 | 0.078 | 4.4 | LOSA | 0.4 | 2.7 | 0.37 | 0.59 | 0.37 | 37.9 |
| 3 | R2 | All MCs | 58 | 0.0 | 58 | 0.0 | 0.078 | 7.9 | LOSA | 0.4 | 2.7 | 0.37 | 0.59 | 0.37 | 27.9 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.078 | 9.4 | LOSA | 0.4 | 2.7 | 0.37 | 0.59 | 0.37 | 27.9 |
| Appro | ach | | 84 | 0.0 | 84 | 0.0 | 0.078 | 6.9 | LOS A | 0.4 | 2.7 | 0.37 | 0.59 | 0.37 | 29.1 |
| East: | MacA | rthur Stre | eet | | | | | | | | | | | | |
| 4 | L2 | All MCs | 85 | 1.2 | 85 | 1.2 | 0.207 | 4.2 | LOS A | 1.2 | 8.4 | 0.22 | 0.44 | 0.22 | 34.7 |
| 5 | T1 | All MCs | 162 | 6.5 | 162 | 6.5 | 0.207 | 3.8 | LOSA | 1.2 | 8.4 | 0.22 | 0.44 | 0.22 | 34.7 |
| 6 | R2 | All MCs | 13 | 0.0 | 13 | 0.0 | 0.207 | 7.1 | LOSA | 1.2 | 8.4 | 0.22 | 0.44 | 0.22 | 40.0 |
| 6u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.207 | 8.7 | LOSA | 1.2 | 8.4 | 0.22 | 0.44 | 0.22 | 34.7 |
| Appro | ach | | 262 | 4.4 | 262 | 4.4 | 0.207 | 4.1 | LOS A | 1.2 | 8.4 | 0.22 | 0.44 | 0.22 | 35.2 |
| North | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 13 | 0.0 | 13 | 0.0 | 0.034 | 5.1 | LOS A | 0.2 | 1.2 | 0.47 | 0.60 | 0.47 | 36.1 |
| 8 | T1 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.034 | 5.1 | LOSA | 0.2 | 1.2 | 0.47 | 0.60 | 0.47 | 36.1 |
| 9 | R2 | All MCs | 16 | 6.7 | 16 | 6.7 | 0.034 | 8.8 | LOSA | 0.2 | 1.2 | 0.47 | 0.60 | 0.47 | 36.1 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.034 | 10.1 | LOS B | 0.2 | 1.2 | 0.47 | 0.60 | 0.47 | 39.7 |
| Appro | ach | | 32 | 3.3 | 32 | 3.3 | 0.034 | 7.1 | LOS A | 0.2 | 1.2 | 0.47 | 0.60 | 0.47 | 36.3 |
| West: | MacA | Arthur Str | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 8 | 0.0 | 8 | 0.0 | 0.231 | 4.3 | LOSA | 1.4 | 9.8 | 0.27 | 0.45 | 0.27 | 40.1 |
| 11 | T1 | All MCs | 236 | 3.6 | 236 | 3.6 | 0.231 | 3.9 | LOSA | 1.4 | 9.8 | 0.27 | 0.45 | 0.27 | 34.1 |
| 12 | R2 | All MCs | 39 | 8.1 | 39 | 8.1 | 0.231 | 7.4 | LOSA | 1.4 | 9.8 | 0.27 | 0.45 | 0.27 | 34.1 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.231 | 8.8 | LOS A | 1.4 | 9.8 | 0.27 | 0.45 | 0.27 | 34.1 |
| Appro | ach | | 284 | 4.1 | 284 | 4.1 | 0.231 | 4.4 | LOSA | 1.4 | 9.8 | 0.27 | 0.45 | 0.27 | 34.5 |
| All Ve | hicles | | 662 | 3.7 | 662 | 3.7 | 0.231 | 4.7 | LOSA | 1.4 | 9.8 | 0.27 | 0.47 | 0.27 | 34.2 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:41:19 PM

n Site: 103 [EX-THU-AM: Pearson / MacArthur (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

► Network: N101 [Existing - Thursday - AM (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection

Site Category: Existing Design

Stop (Two-Way)

| Vehic | le M | ovement | Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|-------------|------------------|-------------|-------|-------------|--------------|-------|----------|----------|------------|------|--------------|------------------|-------|
| Mov ID | Turn | Mov | Dem | | | rival | Deg. Satn | | Level of | 95% Bacl | c Of Queue | | Eff. | Aver. | Aver. |
| שון | | Class | رات Total H] | ows HV 1 | | ows HV 1 | Saur | Delay | Service | ſ Veh. | Dist 1 | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m ¹ | | | - / | km/h |
| South | : Pear | rson Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 52 | 20.0 | 5 2 | 20.0 | 0.023 | 9.2 | LOSA | 0.1 | 0.6 | 0.41 | 0.84 | 0.41 | 27.7 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.023 | 12.3 | LOS B | 0.1 | 0.6 | 0.41 | 0.84 | 0.41 | 30.6 |
| 3 | R2 | All MCs | 42 | 25.0 | 4 2 | 25.0 | 0.023 | 17.2 | LOS C | 0.1 | 0.6 | 0.41 | 0.84 | 0.41 | 21.3 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.023 | 8.2 | LOSA | 0.1 | 0.6 | 0.41 | 0.84 | 0.41 | 26.6 |
| Appro | ach | | 12 1 | 18.2 | 12 | 18.2 | 0.023 | 12.3 | LOS B | 0.1 | 0.6 | 0.41 | 0.84 | 0.41 | 26.3 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 20 | 5.3 | 20 | 5.3 | 0.101 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.06 | 0.00 | 43.4 |
| 5 | T1 | All MCs | 167 | 6.3 | 167 | 6.3 | 0.101 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.06 | 0.00 | 48.7 |
| 6 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.003 | 5.4 | LOSA | 0.0 | 0.1 | 0.38 | 0.54 | 0.38 | 36.2 |
| 6u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.003 | 7.5 | LOSA | 0.0 | 0.1 | 0.38 | 0.54 | 0.38 | 31.1 |
| Appro | ach | | 191 | 6.1 | 191 | 6.1 | 0.101 | 0.6 | NA | 0.0 | 0.1 | 0.01 | 0.07 | 0.01 | 47.9 |
| North: | Pear | son Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 5 | 0.0 | 5 | 0.0 | 0.010 | 5.7 | LOSA | 0.0 | 0.3 | 0.13 | 0.50 | 0.13 | 33.4 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.010 | 7.6 | LOSA | 0.0 | 0.3 | 0.13 | 0.50 | 0.13 | 36.0 |
| 9 | R2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.010 | 9.6 | LOSA | 0.0 | 0.3 | 0.13 | 0.50 | 0.13 | 36.4 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.010 | 5.8 | LOSA | 0.0 | 0.3 | 0.13 | 0.50 | 0.13 | 36.9 |
| Appro | ach | | 8 | 0.0 | 8 | 0.0 | 0.010 | 6.4 | LOSA | 0.0 | 0.3 | 0.13 | 0.50 | 0.13 | 34.9 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.144 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 46.1 |
| 11 | T1 | All MCs | 274 | 3.8 | 274 | 3.8 | 0.144 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 49.9 |
| 12 | R2 | All MCs | 24 1 | 13.0 | 24 | 13.0 | 0.020 | 5.3 | LOSA | 0.1 | 0.7 | 0.31 | 0.54 | 0.31 | 33.3 |
| 12u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.020 | 6.8 | LOSA | 0.1 | 0.7 | 0.31 | 0.54 | 0.31 | 35.3 |
| Appro | ach | | 302 | 4.5 | 302 | 4.5 | 0.144 | 0.5 | NA | 0.1 | 0.7 | 0.03 | 0.05 | 0.03 | 46.5 |
| All Ve | hicles | | 513 | 5.3 | 513 | 5.3 | 0.144 | 0.9 | NA | 0.1 | 0.7 | 0.03 | 0.08 | 0.03 | 46.1 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

V Site: 101 [EX-THU-AM: Desailly / New Railway (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■ Network: N101 [Existing -**Thursday - AM (Network Folder:** General)]

Desailly Street and New Railay Road Intersection Site Category: Existing Design

Give-Way (Two-Way)

| Vehic | cle M | ovement | t Perfo | rmai | псе | | | | | | | | | | |
|-----------|--------|--------------|-----------------|--------------|----------------|--------------|--------------|----------------|---------------------|---------------|-------------|----------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | nand lows | | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | c Of Queue | e Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | Total veh/h | HV] | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.024 | 0.0 | LOS A | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 44 | 0.0 | 44 | 0.0 | 0.024 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | ach | | 46 | 0.0 | 46 | 0.0 | 0.024 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 56 | 0.0 | 56 | 0.0 | 0.034 | 0.0 | LOS A | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| 9 | R2 | All MCs | 5 | 60.0 | 5 | 0.0 | 0.034 | 1.0 | LOSA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| Appro | ach | | 61 | 5.2 | 61 | 5.2 | 0.034 | 0.1 | NA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| All Ve | hicles | | 107 | 2.9 | 107 | 2.9 | 0.034 | 0.1 | NA | 0.0 | 0.3 | 0.02 | 0.01 | 0.02 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:41:19 PM

Site: 101 [EX-THU-PM: Raymond / MacArthur (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

► Network: N101 [Existing - Thursday - PM (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|--------------|--------------------|--------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | nand lows | | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total l veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Rayı | mond Stre | | - / • | | | .,, | | | | | | | | 11111111 |
| 1 | L2 | All MCs | 63 | 0.0 | 63 | 0.0 | 0.243 | 4.9 | LOSA | 1.4 | 10.1 | 0.53 | 0.58 | 0.53 | 33.3 |
| 2 | T1 | All MCs | 103 | 0.0 | 103 | 0.0 | 0.243 | 4.9 | LOS A | 1.4 | 10.1 | 0.53 | 0.58 | 0.53 | 39.9 |
| 3 | R2 | All MCs | 69 | 0.0 | 69 | 0.0 | 0.243 | 9.0 | LOSA | 1.4 | 10.1 | 0.53 | 0.58 | 0.53 | 38.8 |
| 3u | U | All MCs | 17 | 0.0 | 17 | 0.0 | 0.243 | 10.7 | LOS B | 1.4 | 10.1 | 0.53 | 0.58 | 0.53 | 37.2 |
| Appro | ach | | 253 | 0.0 | 253 | 0.0 | 0.243 | 6.4 | LOSA | 1.4 | 10.1 | 0.53 | 0.58 | 0.53 | 38.3 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 93 | 0.0 | 93 | 0.0 | 0.296 | 4.5 | LOSA | 1.9 | 13.0 | 0.48 | 0.51 | 0.48 | 40.2 |
| 5 | T1 | All MCs | 186 | 0.0 | 186 | 0.0 | 0.296 | 4.5 | LOSA | 1.9 | 13.0 | 0.48 | 0.51 | 0.48 | 37.6 |
| 6 | R2 | All MCs | 42 | 0.0 | 42 | 0.0 | 0.296 | 8.6 | LOSA | 1.9 | 13.0 | 0.48 | 0.51 | 0.48 | 40.9 |
| 6u | U | All MCs | 9 | 0.0 | 9 | 0.0 | 0.296 | 10.3 | LOS B | 1.9 | 13.0 | 0.48 | 0.51 | 0.48 | 40.8 |
| Appro | ach | | 331 | 0.0 | 331 | 0.0 | 0.296 | 5.2 | LOSA | 1.9 | 13.0 | 0.48 | 0.51 | 0.48 | 39.2 |
| North | : Rayr | nond Stre | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 47 | 2.2 | 47 | 2.2 | 0.217 | 5.4 | LOSA | 1.3 | 9.0 | 0.57 | 0.60 | 0.57 | 40.3 |
| 8 | T1 | All MCs | 85 | 0.0 | 85 | 0.0 | 0.217 | 5.3 | LOSA | 1.3 | 9.0 | 0.57 | 0.60 | 0.57 | 39.6 |
| 9 | R2 | All MCs | 76 | 0.0 | 76 | 0.0 | 0.217 | 9.4 | LOSA | 1.3 | 9.0 | 0.57 | 0.60 | 0.57 | 36.1 |
| 9u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.217 | 11.1 | LOS B | 1.3 | 9.0 | 0.57 | 0.60 | 0.57 | 39.9 |
| Appro | ach | | 212 | 0.5 | 212 | 0.5 | 0.217 | 6.9 | LOSA | 1.3 | 9.0 | 0.57 | 0.60 | 0.57 | 38.9 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 73 | 0.0 | 73 | 0.0 | 0.330 | 4.6 | LOSA | 2.1 | 15.0 | 0.51 | 0.52 | 0.51 | 39.6 |
| 11 | T1 | All MCs | 239 | 0.4 | 239 | 0.4 | 0.330 | 4.6 | LOSA | 2.1 | 15.0 | 0.51 | 0.52 | 0.51 | 40.0 |
| 12 | R2 | All MCs | 55 | 0.0 | 55 | 0.0 | 0.330 | 8.7 | LOS A | 2.1 | 15.0 | 0.51 | 0.52 | 0.51 | 37.2 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.330 | 10.4 | LOS B | 2.1 | 15.0 | 0.51 | 0.52 | 0.51 | 32.4 |
| Appro | ach | | 367 | 0.3 | 367 | 0.3 | 0.330 | 5.2 | LOSA | 2.1 | 15.0 | 0.51 | 0.52 | 0.51 | 39.5 |
| All Ve | hicles | | 1162 | 0.2 | 1162 | 0.2 | 0.330 | 5.8 | LOSA | 2.1 | 15.0 | 0.52 | 0.54 | 0.52 | 39.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 102 [EX-THU-PM: Desailly / MacArthur (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

► Network: N101 [Existing - Thursday - PM (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovement | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|------|-------------------|--------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total∃ veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 1 | L2 | All MCs | 52 | 0.0 | 52 | 0.0 | 0.241 | 4.9 | LOSA | 1.4 | 9.6 | 0.46 | 0.60 | 0.46 | 27.4 |
| 2 | T1 | All MCs | 29 | 0.0 | 29 | 0.0 | 0.241 | 4.9 | LOSA | 1.4 | 9.6 | 0.46 | 0.60 | 0.46 | 37.6 |
| 3 | R2 | All MCs | 168 | 0.0 | 168 | 0.0 | 0.241 | 8.4 | LOSA | 1.4 | 9.6 | 0.46 | 0.60 | 0.46 | 27.4 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.241 | 9.8 | LOSA | 1.4 | 9.6 | 0.46 | 0.60 | 0.46 | 27.4 |
| Appro | ach | | 251 | 0.0 | 251 | 0.0 | 0.241 | 7.3 | LOSA | 1.4 | 9.6 | 0.46 | 0.60 | 0.46 | 29.7 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 107 | 0.0 | 107 | 0.0 | 0.257 | 4.2 | LOSA | 1.6 | 11.0 | 0.25 | 0.44 | 0.25 | 34.5 |
| 5 | T1 | All MCs | 213 | 0.0 | 213 | 0.0 | 0.257 | 3.8 | LOSA | 1.6 | 11.0 | 0.25 | 0.44 | 0.25 | 34.5 |
| 6 | R2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.257 | 7.2 | LOSA | 1.6 | 11.0 | 0.25 | 0.44 | 0.25 | 40.0 |
| 6u | U | All MCs | 5 | 0.0 | 5 | 0.0 | 0.257 | 8.7 | LOSA | 1.6 | 11.0 | 0.25 | 0.44 | 0.25 | 34.5 |
| Appro | ach | | 333 | 0.0 | 333 | 0.0 | 0.257 | 4.1 | LOSA | 1.6 | 11.0 | 0.25 | 0.44 | 0.25 | 34.8 |
| North | Desa | ailly Street | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 15 | 0.0 | 15 | 0.0 | 0.038 | 5.5 | LOSA | 0.2 | 1.3 | 0.51 | 0.61 | 0.51 | 36.1 |
| 8 | T1 | All MCs | 5 | 0.0 | 5 | 0.0 | 0.038 | 5.5 | LOSA | 0.2 | 1.3 | 0.51 | 0.61 | 0.51 | 36.1 |
| 9 | R2 | All MCs | 14 | 0.0 | 14 | 0.0 | 0.038 | 8.9 | LOSA | 0.2 | 1.3 | 0.51 | 0.61 | 0.51 | 36.1 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.038 | 10.4 | LOS B | 0.2 | 1.3 | 0.51 | 0.61 | 0.51 | 39.7 |
| Appro | ach | | 35 | 0.0 | 35 | 0.0 | 0.038 | 7.0 | LOSA | 0.2 | 1.3 | 0.51 | 0.61 | 0.51 | 36.3 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.224 | 5.2 | LOSA | 1.3 | 9.2 | 0.45 | 0.53 | 0.45 | 38.9 |
| 11 | T1 | All MCs | 178 | 0.6 | 178 | 0.6 | 0.224 | 4.8 | LOSA | 1.3 | 9.2 | 0.45 | 0.53 | 0.45 | 32.1 |
| 12 | R2 | All MCs | 45 | 2.3 | 45 | 2.3 | 0.224 | 8.2 | LOSA | 1.3 | 9.2 | 0.45 | 0.53 | 0.45 | 32.1 |
| 12u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.224 | 9.7 | LOS A | 1.3 | 9.2 | 0.45 | 0.53 | 0.45 | 32.1 |
| Appro | ach | | 228 | 0.9 | 228 | 0.9 | 0.224 | 5.5 | LOSA | 1.3 | 9.2 | 0.45 | 0.53 | 0.45 | 32.3 |
| All Ve | hicles | | 846 | 0.2 | 846 | 0.2 | 0.257 | 5.5 | LOSA | 1.6 | 11.0 | 0.38 | 0.52 | 0.38 | 32.6 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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n Site: 103 [EX-THU-PM: Pearson / MacArthur (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Thursday - PM (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection

Site Category: Existing Design

Stop (Two-Way)

| Vehic | cle M | ovement | Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|---------|--------------|-------|--------------|--------------|----------------|---------------------|----------|----------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem | nand lows | | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| טו | | Class | Total] | | | | Salli | Delay | Service | [Veh. | Dist] | Que | Rate | Cycles | Speed |
| | | | veh/h | % | veh/h | % | v/c | sec | | veh | m ¹ | | | | km/h |
| South | : Pear | son Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 4 | 0.0 | 4 | 0.0 | 0.041 | 8.8 | LOSA | 0.1 | 1.0 | 0.37 | 0.81 | 0.37 | 28.5 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.041 | 12.3 | LOS B | 0.1 | 1.0 | 0.37 | 0.81 | 0.37 | 30.0 |
| 3 | R2 | All MCs | 14 | 0.0 | 14 | 0.0 | 0.041 | 13.4 | LOS B | 0.1 | 1.0 | 0.37 | 0.81 | 0.37 | 20.6 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.041 | 7.9 | LOSA | 0.1 | 1.0 | 0.37 | 0.81 | 0.37 | 26.1 |
| Appro | ach | | 20 | 0.0 | 20 | 0.0 | 0.041 | 12.1 | LOS B | 0.1 | 1.0 | 0.37 | 0.81 | 0.37 | 23.9 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.142 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 44.8 |
| 5 | T1 | All MCs | 268 | 0.0 | 268 | 0.0 | 0.142 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 49.6 |
| 6 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.004 | 5.1 | LOSA | 0.0 | 0.1 | 0.32 | 0.55 | 0.32 | 36.2 |
| 6u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.004 | 6.9 | LOSA | 0.0 | 0.1 | 0.32 | 0.55 | 0.32 | 31.1 |
| Appro | ach | | 280 | 0.0 | 280 | 0.0 | 0.142 | 0.2 | NA | 0.0 | 0.1 | 0.00 | 0.02 | 0.00 | 49.2 |
| North: | Pear | son Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.007 | 5.3 | LOSA | 0.0 | 0.2 | 0.13 | 0.50 | 0.13 | 33.0 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.007 | 7.4 | LOSA | 0.0 | 0.2 | 0.13 | 0.50 | 0.13 | 35.7 |
| 9 | R2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.007 | 9.4 | LOSA | 0.0 | 0.2 | 0.13 | 0.50 | 0.13 | 36.1 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.007 | 5.8 | LOSA | 0.0 | 0.2 | 0.13 | 0.50 | 0.13 | 36.6 |
| Appro | ach | | 5 | 0.0 | 5 | 0.0 | 0.007 | 6.7 | LOSA | 0.0 | 0.2 | 0.13 | 0.50 | 0.13 | 35.2 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.106 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 46.0 |
| 11 | T1 | All MCs | 201 | 1.0 | 201 | 1.0 | 0.106 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 49.6 |
| 12 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.003 | 5.4 | LOSA | 0.0 | 0.1 | 0.37 | 0.54 | 0.37 | 33.6 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.003 | 7.4 | LOSA | 0.0 | 0.1 | 0.37 | 0.54 | 0.37 | 34.8 |
| Appro | ach | | 207 | 1.0 | 207 | 1.0 | 0.106 | 0.2 | NA | 0.0 | 0.1 | 0.01 | 0.02 | 0.01 | 48.9 |
| All Ve | hicles | | 513 | 0.4 | 513 | 0.4 | 0.142 | 0.7 | NA | 0.1 | 1.0 | 0.02 | 0.06 | 0.02 | 47.5 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

V Site: 101 [EX-THU-PM: Desailly / New Railway (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■ Network: N101 [Existing -**Thursday - PM (Network Folder:** General)]

Desailly Street and New Railay Road Intersection Site Category: Existing Design

Give-Way (Two-Way)

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|--------------|------------------|--------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | nand lows | | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.070 | 0.0 | LOS A | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 127 | 0.0 | 127 | 0.0 | 0.070 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | ach | | 138 | 0.0 | 138 | 0.0 | 0.070 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | illy Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 89 | 1.2 | 89 | 1.2 | 0.048 | 0.0 | LOS A | 0.0 | 0.1 | 0.02 | 0.01 | 0.02 | 20.0 |
| 9 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.048 | 1.0 | LOSA | 0.0 | 0.1 | 0.02 | 0.01 | 0.02 | 19.9 |
| Appro | ach | | 93 | 1.1 | 93 | 1.1 | 0.048 | 0.0 | NA | 0.0 | 0.1 | 0.02 | 0.01 | 0.02 | 20.0 |
| All Ve | hicles | | 231 | 0.5 | 231 | 0.5 | 0.070 | 0.0 | NA | 0.0 | 0.1 | 0.01 | 0.00 | 0.01 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:41:25 PM

Project: Q:\mel\jobs\Jobs Data\2402360 - 38-50 MacArthur Street, Sale_Traf\Analysis\Internal\2402360-TR-REP-01-1.0-SIDRA v1.1.sip9

Site: 101 [EX-SAT-PEAK: Raymond / MacArthur (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Network: N101 [Existing - Saturday - Peak (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|---------|--------------|-----------------|------|--------------------|--------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [lotal veh/h | HV J % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | ı: Rayı | mond Stre | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 88 | 0.0 | 88 | 0.0 | 0.337 | 5.8 | LOSA | 2.2 | 15.5 | 0.65 | 0.64 | 0.65 | 31.7 |
| 2 | T1 | All MCs | 92 | 0.0 | 92 | 0.0 | 0.337 | 5.8 | LOSA | 2.2 | 15.5 | 0.65 | 0.64 | 0.65 | 38.8 |
| 3 | R2 | All MCs | 93 | 0.0 | 93 | 0.0 | 0.337 | 9.9 | LOSA | 2.2 | 15.5 | 0.65 | 0.64 | 0.65 | 37.8 |
| 3u | U | All MCs | 45 | 0.0 | 45 | 0.0 | 0.337 | 11.6 | LOS B | 2.2 | 15.5 | 0.65 | 0.64 | 0.65 | 36.1 |
| Appro | ach | | 318 | 0.0 | 318 | 0.0 | 0.337 | 7.8 | LOSA | 2.2 | 15.5 | 0.65 | 0.64 | 0.65 | 36.8 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 117 | 0.9 | 117 | 0.9 | 0.440 | 5.9 | LOSA | 3.1 | 21.7 | 0.68 | 0.62 | 0.68 | 39.2 |
| 5 | T1 | All MCs | 255 | 8.0 | 255 | 8.0 | 0.440 | 6.0 | LOSA | 3.1 | 21.7 | 0.68 | 0.62 | 0.68 | 36.1 |
| 6 | R2 | All MCs | 43 | 2.4 | 43 | 2.4 | 0.440 | 10.1 | LOS B | 3.1 | 21.7 | 0.68 | 0.62 | 0.68 | 39.9 |
| 6u | U | All MCs | 5 | 20.0 | 5 2 | 20.0 | 0.440 | 12.5 | LOS B | 3.1 | 21.7 | 0.68 | 0.62 | 0.68 | 39.5 |
| Appro | ach | | 420 | 1.3 | 420 | 1.3 | 0.440 | 6.5 | LOSA | 3.1 | 21.7 | 0.68 | 0.62 | 0.68 | 37.8 |
| North | : Rayr | nond Stre | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 81 | 1.3 | 81 | 1.3 | 0.373 | 6.7 | LOSA | 2.5 | 17.6 | 0.72 | 0.67 | 0.72 | 39.4 |
| 8 | T1 | All MCs | 132 | 0.0 | 132 | 0.0 | 0.373 | 6.7 | LOSA | 2.5 | 17.6 | 0.72 | 0.67 | 0.72 | 38.5 |
| 9 | R2 | All MCs | 106 | 1.0 | 106 | 1.0 | 0.373 | 10.8 | LOS B | 2.5 | 17.6 | 0.72 | 0.67 | 0.72 | 34.8 |
| 9u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.373 | 12.5 | LOS B | 2.5 | 17.6 | 0.72 | 0.67 | 0.72 | 39.0 |
| Appro | ach | | 321 | 0.7 | 321 | 0.7 | 0.373 | 8.1 | LOSA | 2.5 | 17.6 | 0.72 | 0.67 | 0.72 | 37.9 |
| West | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 81 | 0.0 | 81 | 0.0 | 0.435 | 5.0 | LOSA | 3.2 | 22.2 | 0.60 | 0.57 | 0.60 | 38.8 |
| 11 | T1 | All MCs | 271 | 0.0 | 271 | 0.0 | 0.435 | 5.0 | LOSA | 3.2 | 22.2 | 0.60 | 0.57 | 0.60 | 39.1 |
| 12 | R2 | All MCs | 107 | 0.0 | 107 | 0.0 | 0.435 | 9.1 | LOSA | 3.2 | 22.2 | 0.60 | 0.57 | 0.60 | 36.3 |
| 12u | U | All MCs | 11 | 0.0 | 11 | 0.0 | 0.435 | 10.8 | LOS B | 3.2 | 22.2 | 0.60 | 0.57 | 0.60 | 31.2 |
| Appro | ach | | 469 | 0.0 | 469 | 0.0 | 0.435 | 6.1 | LOSA | 3.2 | 22.2 | 0.60 | 0.57 | 0.60 | 38.4 |
| All Ve | hicles | | 1528 | 0.5 | 1528 | 0.5 | 0.440 | 7.0 | LOSA | 3.2 | 22.2 | 0.66 | 0.62 | 0.66 | 37.8 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 102 [EX-SAT-PEAK: Desailly / MacArthur (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Saturday - Peak (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovement | Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|--------------|---------------|---------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | nand lows | | rival lows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | | 70 | VO11/11 | 70 | V / O | | | ٧٥١١ | | | | | KITI/TI |
| 1 | L2 | All MCs | 95 | 0.0 | 95 | 0.0 | 0.324 | 5.2 | LOSA | 2.0 | 13.8 | 0.50 | 0.61 | 0.50 | 27.2 |
| 2 | T1 | All MCs | 16 | 0.0 | 16 | 0.0 | 0.324 | 5.1 | LOSA | 2.0 | 13.8 | 0.50 | 0.61 | 0.50 | 37.4 |
| 3 | R2 | All MCs | 224 | 0.0 | 224 | 0.0 | 0.324 | 8.6 | LOSA | 2.0 | 13.8 | 0.50 | 0.61 | 0.50 | 27.2 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.324 | 10.1 | LOS B | 2.0 | 13.8 | 0.50 | 0.61 | 0.50 | 27.2 |
| Appro | ach | | 336 | 0.0 | 336 | 0.0 | 0.324 | 7.5 | LOSA | 2.0 | 13.8 | 0.50 | 0.61 | 0.50 | 28.1 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 203 | 0.0 | 203 | 0.0 | 0.321 | 4.1 | LOSA | 2.2 | 15.5 | 0.21 | 0.43 | 0.21 | 34.9 |
| 5 | T1 | All MCs | 236 | 1.3 | 236 | 1.3 | 0.321 | 3.6 | LOSA | 2.2 | 15.5 | 0.21 | 0.43 | 0.21 | 34.9 |
| 6 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.321 | 7.0 | LOSA | 2.2 | 15.5 | 0.21 | 0.43 | 0.21 | 40.2 |
| 6u | U | All MCs | 6 | 0.0 | 6 | 0.0 | 0.321 | 8.6 | LOSA | 2.2 | 15.5 | 0.21 | 0.43 | 0.21 | 34.9 |
| Appro | ach | | 448 | 0.7 | 448 | 0.7 | 0.321 | 3.9 | LOSA | 2.2 | 15.5 | 0.21 | 0.43 | 0.21 | 35.0 |
| North | Desa | ailly Street | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.047 | 6.0 | LOSA | 0.2 | 1.7 | 0.56 | 0.61 | 0.56 | 36.4 |
| 8 | T1 | All MCs | 21 | 0.0 | 21 | 0.0 | 0.047 | 6.0 | LOSA | 0.2 | 1.7 | 0.56 | 0.61 | 0.56 | 36.4 |
| 9 | R2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.047 | 9.4 | LOSA | 0.2 | 1.7 | 0.56 | 0.61 | 0.56 | 36.4 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.047 | 10.9 | LOS B | 0.2 | 1.7 | 0.56 | 0.61 | 0.56 | 39.9 |
| Appro | ach | | 40 | 0.0 | 40 | 0.0 | 0.047 | 6.7 | LOSA | 0.2 | 1.7 | 0.56 | 0.61 | 0.56 | 36.6 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 69 | 0.0 | 69 | 0.0 | 0.318 | 5.6 | LOSA | 2.0 | 14.2 | 0.53 | 0.54 | 0.53 | 39.0 |
| 11 | T1 | All MCs | 235 | 0.0 | 235 | 0.0 | 0.318 | 5.2 | LOSA | 2.0 | 14.2 | 0.53 | 0.54 | 0.53 | 32.0 |
| 12 | R2 | All MCs | 9 | 0.0 | 9 | 0.0 | 0.318 | 8.6 | LOSA | 2.0 | 14.2 | 0.53 | 0.54 | 0.53 | 32.0 |
| 12u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.318 | 10.1 | LOS B | 2.0 | 14.2 | 0.53 | 0.54 | 0.53 | 32.0 |
| Appro | ach | | 316 | 0.0 | 316 | 0.0 | 0.318 | 5.4 | LOSA | 2.0 | 14.2 | 0.53 | 0.54 | 0.53 | 34.6 |
| All Ve | hicles | | 1140 | 0.3 | 1140 | 0.3 | 0.324 | 5.5 | LOSA | 2.2 | 15.5 | 0.39 | 0.52 | 0.39 | 33.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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n Site: 103 [EX-SAT-PEAK: Pearson / MacArthur (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Network: N101 [Existing - Saturday - Peak (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection

Site Category: Existing Design

Stop (Two-Way)

| Vehic | cle M | ovement | t Perfo | orma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|--------------|-----------------|-------------|-------|-------|----------|----------|----------|------|--------------|------------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | lows HV 1 | اء ا Total] | ows HV 1 | Satn | Delay | Service | ſ Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m | | | | km/h |
| South | : Pear | rson Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 14 | 15.4 | 14 | 15.4 | 0.100 | 10.2 | LOS B | 0.4 | 2.6 | 0.59 | 0.91 | 0.59 | 25.9 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.100 | 15.4 | LOS C | 0.4 | 2.6 | 0.59 | 0.91 | 0.59 | 28.4 |
| 3 | R2 | All MCs | 24 | 0.0 | 24 | 0.0 | 0.100 | 17.4 | LOS C | 0.4 | 2.6 | 0.59 | 0.91 | 0.59 | 18.8 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.100 | 8.1 | LOSA | 0.4 | 2.6 | 0.59 | 0.91 | 0.59 | 24.5 |
| Appro | ach | | 40 | 5.3 | 40 | 5.3 | 0.100 | 14.6 | LOS B | 0.4 | 2.6 | 0.59 | 0.91 | 0.59 | 22.5 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 23 | 4.5 | 23 | 4.5 | 0.173 | 4.6 | LOS A | 0.0 | 0.0 | 0.00 | 0.04 | 0.00 | 43.9 |
| 5 | T1 | All MCs | 312 | 0.7 | 312 | 0.7 | 0.173 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.04 | 0.00 | 49.2 |
| 6 | R2 | All MCs | 9 | 0.0 | 9 | 0.0 | 0.011 | 5.4 | LOSA | 0.0 | 0.3 | 0.38 | 0.56 | 0.38 | 36.3 |
| 6u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.011 | 7.6 | LOSA | 0.0 | 0.3 | 0.38 | 0.56 | 0.38 | 31.2 |
| Appro | ach | | 347 | 0.9 | 347 | 0.9 | 0.173 | 0.5 | NA | 0.0 | 0.3 | 0.01 | 0.06 | 0.01 | 48.2 |
| North | : Pear | son Stree | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.015 | 5.7 | LOS A | 0.1 | 0.4 | 0.31 | 0.49 | 0.31 | 29.9 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.015 | 9.8 | LOSA | 0.1 | 0.4 | 0.31 | 0.49 | 0.31 | 33.2 |
| 9 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.015 | 12.3 | LOS B | 0.1 | 0.4 | 0.31 | 0.49 | 0.31 | 33.8 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.015 | 5.9 | LOSA | 0.1 | 0.4 | 0.31 | 0.49 | 0.31 | 34.5 |
| Appro | ach | | 8 | 0.0 | 8 | 0.0 | 0.015 | 8.7 | LOSA | 0.1 | 0.4 | 0.31 | 0.49 | 0.31 | 32.8 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.147 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 46.0 |
| 11 | T1 | All MCs | 284 | 0.0 | 284 | 0.0 | 0.147 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 49.8 |
| 12 | R2 | All MCs | 19 | 5.6 | 19 | 5.6 | 0.016 | 5.8 | LOSA | 0.1 | 0.5 | 0.41 | 0.57 | 0.41 | 33.4 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.016 | 7.9 | LOS A | 0.1 | 0.5 | 0.41 | 0.57 | 0.41 | 35.0 |
| Appro | ach | | 306 | 0.3 | 306 | 0.3 | 0.147 | 0.4 | NA | 0.1 | 0.5 | 0.03 | 0.04 | 0.03 | 47.3 |
| All Ve | hicles | | 702 | 0.9 | 702 | 0.9 | 0.173 | 1.4 | NA | 0.4 | 2.6 | 0.06 | 0.10 | 0.06 | 45.3 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

V Site: 101 [EX-SAT-PEAK: Desailly / New Railway (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

► Network: N101 [Existing -Saturday - Peak (Network Folder: General)]

Desailly Street and New Railay Road Intersection

Site Category: Existing Design

Give-Way (Two-Way)

| Vahia | Jo Ma | ovemen | t Dorfo | rmo | noo | | | | | | | | | | |
|---------|--------|-------------|-----------|-----|---------|-------|-------|-------|----------|----------|------------|-------|------|--------|-------|
| | | | | | | | | | | | | | | | |
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | Level of | 95% Back | c Of Queue | Prop. | Eff. | Aver. | Aver. |
| ID | | Class | FI | ows | FI | ows | Satn | Delay | Service | | | Que | Stop | No. of | Speed |
| | | | [Total l | HV] | [Total | HV] | | | | [Veh. | Dist] | | Rate | Cycles | |
| | | | veh/h | % | veh/h | % | v/c | sec | | veh | m | | | | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 21 | 0.0 | 21 | 0.0 | 0.085 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 146 | 0.0 | 146 | 0.0 | 0.085 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | ach | | 167 | 0.0 | 167 | 0.0 | 0.085 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North: | Desa | illy Stree | t | | | | | | | | | | | | |
| 14OIUI. | DCSa | illy Olice | | | | | | | | | | | | | |
| 8 | T1 | All MCs | 112 | 0.0 | 112 | 0.0 | 0.061 | 0.0 | LOSA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| 9 | R2 | All MCs | 6 | 0.0 | 6 | 0.0 | 0.061 | 1.2 | LOSA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| Appro | ach | | 118 | 0.0 | 118 | 0.0 | 0.061 | 0.1 | NA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| | | | | | | | | | | | | | | | |
| All Vel | hicles | | 285 | 0.0 | 285 | 0.0 | 0.085 | 0.0 | NA | 0.0 | 0.3 | 0.02 | 0.01 | 0.02 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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NETWORK LAYOUT

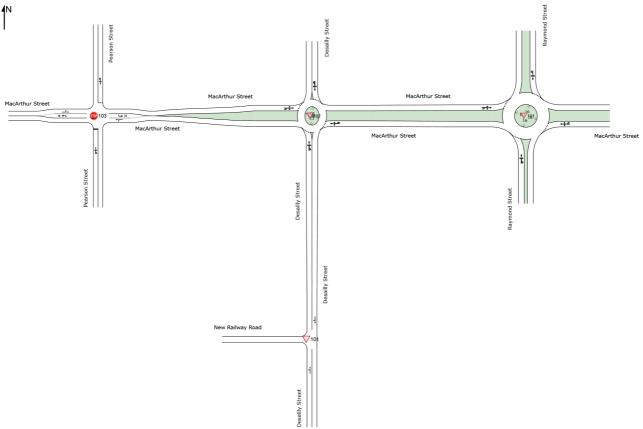
■■ Network: N101 [Existing - Thursday - AM @ 10 years

(Network Folder: General)]

MacArthur Street and Desailly Street network

Network Category: Existing Design

Layout pictures are schematic functional drawings reflecting input data. They are not design drawings.



| SITES IN | NETWORK | |
|--------------|---------|-----------------------------------|
| Site ID | CCG ID | Site Name |
| ₩ 101 | NA | EX-THU-AM: Raymond / MacArthur |
| ₩ 102 | NA | EX-THU-AM: Desailly / MacArthur |
| 103 | NA | EX-THU-AM: Pearson / MacArthur |
| ∇101 | NA | EX-THU-AM: Desailly / New Railway |

SIDRA INTERSECTION 9.1 | Copyright © 2000-2024 Akcelik and Associates Pty Ltd | sidrasolutions.com Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Created: Thursday, 23 October 2025 3:37:58 PM Project: Q:\mel\jobs\Jobs Data\2402360 - 38-50 MacArthur Street, Sale_Traf\Analysis\Internal\2402360-TR-REP-01-1.0-SIDRA v1.1.sip9

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Thursday - AM @ 10 years (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|------|--------------|-------|-------|-------|----------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | ows | Fl ⊟Total | OWS | Satn | Delay | Service | ſ Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | | v/c | sec | | ven. | m m | | Nate | Cycles | km/h |
| South | : Rayı | mond Stre | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 33 | 0.0 | 33 | 0.0 | 0.184 | 4.8 | LOSA | 1.1 | 7.5 | 0.51 | 0.56 | 0.51 | 33.4 |
| 2 | T1 | All MCs | 98 | 0.0 | 98 | 0.0 | 0.184 | 4.8 | LOSA | 1.1 | 7.5 | 0.51 | 0.56 | 0.51 | 40.0 |
| 3 | R2 | All MCs | 35 | 3.4 | 35 | 3.4 | 0.184 | 8.9 | LOSA | 1.1 | 7.5 | 0.51 | 0.56 | 0.51 | 38.8 |
| 3u | U | All MCs | 24 | 5.0 | 24 | 5.0 | 0.184 | 10.7 | LOS B | 1.1 | 7.5 | 0.51 | 0.56 | 0.51 | 36.8 |
| Appro | ach | | 191 | 1.3 | 191 | 1.3 | 0.184 | 6.3 | LOSA | 1.1 | 7.5 | 0.51 | 0.56 | 0.51 | 38.6 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 82 | 4.5 | 82 | 4.5 | 0.305 | 5.3 | LOSA | 1.9 | 14.0 | 0.57 | 0.56 | 0.57 | 39.8 |
| 5 | T1 | All MCs | 189 | 3.9 | 189 | 3.9 | 0.305 | 5.3 | LOSA | 1.9 | 14.0 | 0.57 | 0.56 | 0.57 | 37.1 |
| 6 | R2 | All MCs | 29 | 12.5 | 29 | 12.5 | 0.305 | 9.6 | LOSA | 1.9 | 14.0 | 0.57 | 0.56 | 0.57 | 40.3 |
| 6u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.305 | 11.0 | LOS B | 1.9 | 14.0 | 0.57 | 0.56 | 0.57 | 40.5 |
| Appro | ach | | 302 | 4.9 | 302 | 4.9 | 0.305 | 5.7 | LOSA | 1.9 | 14.0 | 0.57 | 0.56 | 0.57 | 38.5 |
| North | : Rayr | nond Stre | eet | | | | | | | | | | | | |
| 7 | L2 | All MCs | 77 | 1.6 | 77 | 1.6 | 0.322 | 5.3 | LOSA | 2.0 | 14.5 | 0.58 | 0.59 | 0.58 | 40.6 |
| 8 | T1 | All MCs | 161 | 0.0 | 161 | 0.0 | 0.322 | 5.3 | LOSA | 2.0 | 14.5 | 0.58 | 0.59 | 0.58 | 39.9 |
| 9 | R2 | All MCs | 83 | 5.9 | 83 | 5.9 | 0.322 | 9.5 | LOSA | 2.0 | 14.5 | 0.58 | 0.59 | 0.58 | 36.5 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.322 | 11.1 | LOS B | 2.0 | 14.5 | 0.58 | 0.59 | 0.58 | 40.2 |
| Appro | ach | | 323 | 1.9 | 323 | 1.9 | 0.322 | 6.4 | LOSA | 2.0 | 14.5 | 0.58 | 0.59 | 0.58 | 39.5 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 62 | 5.9 | 62 | 5.9 | 0.301 | 4.3 | LOSA | 1.9 | 13.8 | 0.45 | 0.49 | 0.45 | 39.7 |
| 11 | T1 | All MCs | 224 | 2.7 | 224 | 2.7 | 0.301 | 4.3 | LOSA | 1.9 | 13.8 | 0.45 | 0.49 | 0.45 | 40.2 |
| 12 | R2 | All MCs | 62 | 0.0 | 62 | 0.0 | 0.301 | 8.3 | LOS A | 1.9 | 13.8 | 0.45 | 0.49 | 0.45 | 37.4 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.301 | 10.0 | LOS B | 1.9 | 13.8 | 0.45 | 0.49 | 0.45 | 32.8 |
| Appro | ach | | 349 | 2.8 | 349 | 2.8 | 0.301 | 5.0 | LOSA | 1.9 | 13.8 | 0.45 | 0.49 | 0.45 | 39.6 |
| All Ve | hicles | | 1164 | 2.8 | 1164 | 2.8 | 0.322 | 5.8 | LOSA | 2.0 | 14.5 | 0.53 | 0.55 | 0.53 | 39.1 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:09 PM

Site: 102 [EX-THU-AM: Desailly / MacArthur (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Thursday - AM @ 10 years (Network Folder: General)

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovement | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------|------------|-------|--------------|--------------|----------------|---------------------|----------|----------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | and ows | | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total | | | | | | | [Veh. | Dist] | | Rate | Cycles | · |
| | _ | | veh/h | % | veh/h | % | v/c | sec | | veh | m | | | | km/h |
| South | | ailly Stree | | | | | | | | | | | | | |
| 1 | L2 | All MCs | | 0.0 | 20 | 0.0 | 0.080 | 4.6 | LOSA | 0.4 | 2.8 | 0.39 | 0.60 | 0.39 | 27.7 |
| 2 | T1 | All MCs | | 0.0 | 5 | 0.0 | 0.080 | 4.6 | LOSA | 0.4 | 2.8 | 0.39 | 0.60 | 0.39 | 37.8 |
| 3 | R2 | All MCs | 58 | 0.0 | 58 | 0.0 | 0.080 | 8.0 | LOSA | 0.4 | 2.8 | 0.39 | 0.60 | 0.39 | 27.7 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.080 | 9.5 | LOSA | 0.4 | 2.8 | 0.39 | 0.60 | 0.39 | 27.7 |
| Appro | ach | | 84 | 0.0 | 84 | 0.0 | 0.080 | 7.0 | LOSA | 0.4 | 2.8 | 0.39 | 0.60 | 0.39 | 29.0 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 85 | 1.2 | 85 | 1.2 | 0.226 | 4.2 | LOSA | 1.3 | 9.4 | 0.22 | 0.44 | 0.22 | 34.7 |
| 5 | T1 | All MCs | 188 | 6.5 | 188 | 6.5 | 0.226 | 3.8 | LOSA | 1.3 | 9.4 | 0.22 | 0.44 | 0.22 | 34.7 |
| 6 | R2 | All MCs | 13 | 0.0 | 13 | 0.0 | 0.226 | 7.1 | LOSA | 1.3 | 9.4 | 0.22 | 0.44 | 0.22 | 40.1 |
| 6u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.226 | 8.7 | LOSA | 1.3 | 9.4 | 0.22 | 0.44 | 0.22 | 34.7 |
| Appro | ach | | 288 | 4.6 | 288 | 4.6 | 0.226 | 4.1 | LOSA | 1.3 | 9.4 | 0.22 | 0.44 | 0.22 | 35.2 |
| North | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 13 | 0.0 | 13 | 0.0 | 0.035 | 5.4 | LOSA | 0.2 | 1.2 | 0.49 | 0.61 | 0.49 | 35.8 |
| 8 | T1 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.035 | 5.3 | LOSA | 0.2 | 1.2 | 0.49 | 0.61 | 0.49 | 35.8 |
| 9 | R2 | All MCs | 16 | 6.7 | 16 | 6.7 | 0.035 | 9.0 | LOSA | 0.2 | 1.2 | 0.49 | 0.61 | 0.49 | 35.8 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.035 | 10.3 | LOS B | 0.2 | 1.2 | 0.49 | 0.61 | 0.49 | 39.5 |
| Appro | ach | | 32 | 3.3 | 32 | 3.3 | 0.035 | 7.4 | LOSA | 0.2 | 1.2 | 0.49 | 0.61 | 0.49 | 36.0 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 8 | 0.0 | 8 | 0.0 | 0.260 | 4.3 | LOSA | 1.6 | 11.5 | 0.28 | 0.44 | 0.28 | 40.1 |
| 11 | T1 | All MCs | 274 | 3.6 | 274 | 3.6 | 0.260 | 3.9 | LOSA | 1.6 | 11.5 | 0.28 | 0.44 | 0.28 | 34.1 |
| 12 | R2 | All MCs | 39 | 8.1 | 39 | 8.1 | 0.260 | 7.4 | LOSA | 1.6 | 11.5 | 0.28 | 0.44 | 0.28 | 34.1 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.260 | 8.8 | LOSA | 1.6 | 11.5 | 0.28 | 0.44 | 0.28 | 34.1 |
| Appro | ach | | 322 | 4.0 | 322 | 4.0 | 0.260 | 4.4 | LOSA | 1.6 | 11.5 | 0.28 | 0.44 | 0.28 | 34.5 |
| All Ve | hicles | | 726 | 3.8 | 726 | 3.8 | 0.260 | 4.7 | LOSA | 1.6 | 11.5 | 0.28 | 0.47 | 0.28 | 34.2 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:09 PM

o Site: 103 [EX-THU-AM: Pearson / MacArthur (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Thursday - AM @ 10 years (Network Folder: General)

Pearson Street and MacArthur Street X-Intersection

Site Category: Existing Design

Stop (Two-Way)

Design Life Analysis (Final Year): Results for 10 years

| Mov Turn Mov Flows F | Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--|--------|--------|-------------|---------|------|------|------|-------|-------|---------|---------|------------|------|-------|--------|-------|
| South: Pearson Street 1 | | Turn | | | | | | | | | 95% Bac | k Of Queue | | | | |
| North: Pearson Street | ID | | Class | | | | | Satn | Delay | Service | [\/eh | Diet 1 | Que | | | Speed |
| South: Pearson Street | | | | | | | | v/c | sec | | | | | rtate | Cycles | km/h |
| 2 T1 All MCs 1 0.0 1 0.0 0.026 13.5 LOS B 0.1 0.7 0.45 0.83 0.45 29.6 3 R2 All MCs 4 25.0 4 25.0 0.026 19.7 LOS C 0.1 0.7 0.45 0.83 0.45 20.2 3u U All MCs 1 0.0 1 0.0 0.026 8.2 LOS A 0.1 0.7 0.45 0.83 0.45 25.7 Approach 12 18.2 12 18.2 0.026 13.4 LOS B 0.1 0.7 0.45 0.83 0.45 25.7 Approach 12 18.2 12 18.2 0.026 13.4 LOS B 0.1 0.7 0.45 0.83 0.45 25.3 East: MacArthur Street 4 L2 All MCs 20 5.3 20 5.3 0.115 4.6 LOS A 0.0 0.0 0.00 0.05 0.00 43.5 5 T1 All MCs 194 6.3 194 6.3 0.115 0.0 LOS A 0.0 0.0 0.00 0.05 0.00 48.9 6 R2 All MCs 2 0.0 2 0.0 0.003 5.5 LOS A 0.0 0.1 0.41 0.55 0.41 36.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.41 0.55 0.41 30.8 North: Pearson Street 7 L2 All MCs 5 0.0 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 35.9 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 35.9 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 36.4 Approach 8 0.0 8 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 3 18 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.0 0.00 0.00 0.00 46.1 11 T1 All MCs 3 3 8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.0 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.33 0.55 0.33 35.2 | South | : Peai | rson Stre | et | | | | | | | | | | | | |
| 3 R2 All MCs 4 25.0 4 25.0 0.026 19.7 LOS C 0.1 0.7 0.45 0.83 0.45 20.2 3u U All MCs 1 0.0 1 0.0 0.026 8.2 LOS A 0.1 0.7 0.45 0.83 0.45 25.7 Approach 12 18.2 12 18.2 0.026 13.4 LOS B 0.1 0.7 0.45 0.83 0.45 25.3 East: MacArthur Street 4 L2 All MCs 20 5.3 20 5.3 0.115 4.6 LOS A 0.0 0.0 0.00 0.05 0.00 43.5 5 T1 All MCs 194 6.3 194 6.3 0.115 0.0 LOS A 0.0 0.0 0.00 0.05 0.00 48.9 6 R2 All MCs 1 0.0 1 0.0 1 0.0 1 0.0 0.0 0.0 < | 1 | L2 | All MCs | 5 2 | 20.0 | 5 2 | 20.0 | 0.026 | 9.4 | LOSA | 0.1 | 0.7 | 0.45 | 0.83 | 0.45 | 26.8 |
| 3u U All MCs | 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.026 | 13.5 | LOS B | 0.1 | 0.7 | 0.45 | 0.83 | 0.45 | 29.6 |
| Approach 12 18.2 12 18.2 0.026 13.4 LOS B 0.1 0.7 0.45 0.83 0.45 25.3 East: MacArthur Street 4 | 3 | R2 | All MCs | 4 2 | 25.0 | 4 2 | 25.0 | 0.026 | 19.7 | LOS C | 0.1 | 0.7 | 0.45 | 0.83 | 0.45 | 20.2 |
| East: MacArthur Street 4 | 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.026 | 8.2 | LOSA | 0.1 | 0.7 | 0.45 | 0.83 | 0.45 | 25.7 |
| 4 L2 All MCs 20 5.3 20 5.3 0.115 4.6 LOS A 0.0 0.0 0.00 0.05 0.00 43.5 5 T1 All MCs 194 6.3 194 6.3 0.115 0.0 LOS A 0.0 0.0 0.00 0.05 0.00 48.9 6 R2 All MCs 2 0.0 2 0.0 0.003 5.5 LOS A 0.0 0.1 0.41 0.55 0.41 36.0 6u U All MCs 1 0.0 1 0.0 0.003 7.8 LOS A 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.01 0.06 0.01 48.1 North: Pearson Street 7 L2 All MCs 5 0.0 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 0.14 32.7 8 T1 All MCs 1 0.0 1 0.0 0.011 8.6 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.9 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 36.4 Approach 8 0.0 8 0.0 0.011 6.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 3 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.0 0.0 0.00 0.00 0.00 46.1 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.00 0.00 0.00 46.1 11 T1 All MCs 3 18 3.8 318 3.8 0.168 0.0 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | Appro | ach | | 12 1 | 18.2 | 12 1 | 18.2 | 0.026 | 13.4 | LOS B | 0.1 | 0.7 | 0.45 | 0.83 | 0.45 | 25.3 |
| 5 T1 All MCs 194 6.3 194 6.3 0.115 0.0 LOS A 0.0 0.0 0.00 0.05 0.00 48.9 6 R2 All MCs 2 0.0 2 0.0 0.003 5.5 LOS A 0.0 0.1 0.41 0.55 0.41 36.0 6u U All MCs 1 0.0 1 0.0 0.03 7.8 LOS A 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.01 0.06 0.01 48.1 North: Pearson Street 7 L2 All MCs 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 <t< td=""><td>East:</td><td>MacA</td><td>rthur Stre</td><td>et</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 5 T1 All MCs 194 6.3 194 6.3 0.115 0.0 LOS A 0.0 0.0 0.00 0.05 0.00 48.9 6 R2 All MCs 2 0.0 2 0.0 0.003 5.5 LOS A 0.0 0.1 0.41 0.55 0.41 36.0 6u U All MCs 1 0.0 1 0.0 0.03 7.8 LOS A 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.01 0.06 0.01 48.1 North: Pearson Street 7 L2 All MCs 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 <t< td=""><td>4</td><td>L2</td><td>All MCs</td><td>20</td><td>5.3</td><td>20</td><td>5.3</td><td>0.115</td><td>4.6</td><td>LOSA</td><td>0.0</td><td>0.0</td><td>0.00</td><td>0.05</td><td>0.00</td><td>43.5</td></t<> | 4 | L2 | All MCs | 20 | 5.3 | 20 | 5.3 | 0.115 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.05 | 0.00 | 43.5 |
| Gu U All MCs 1 0.0 1 0.0 0.003 7.8 LOS A 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.01 0.06 0.01 48.1 North: Pearson Street 7 L2 All MCs 5 0.0 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 0.14 32.7 8 T1 All MCs 1 0.0 1 0.0 0.011 8.6 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.9 9 U U All MCs 1 0.0 0.011 5.8 LOS A 0.0 0.3 | 5 | T1 | All MCs | | | | | | 0.0 | | 0.0 | | | 0.05 | | 48.9 |
| Gu U All MCs 1 0.0 1 0.0 0.003 7.8 LOS A 0.0 0.1 0.41 0.55 0.41 30.8 Approach 217 6.1 217 6.1 0.115 0.5 NA 0.0 0.1 0.01 0.06 0.01 48.1 North: Pearson Street 7 L2 All MCs 5 0.0 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 0.14 32.7 8 T1 All MCs 1 0.0 1 0.0 0.011 8.6 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.9 9 U U All MCs 1 0.0 0.011 5.8 LOS A 0.0 0.3 | 6 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.003 | 5.5 | LOS A | 0.0 | 0.1 | 0.41 | 0.55 | 0.41 | 36.0 |
| North: Pearson Street 7 | 6u | U | | | | 1 | 0.0 | | | LOS A | 0.0 | 0.1 | 0.41 | 0.55 | 0.41 | |
| 7 L2 All MCs 5 0.0 5 0.0 0.011 5.9 LOS A 0.0 0.3 0.14 0.50 0.14 32.7 8 T1 All MCs 1 0.0 1 0.0 0.011 8.6 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.9 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 36.4 Approach 8 0.0 8 0.0 0.011 6.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.00 0.00 0.00 46.1 11 T1 All MCs 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | Appro | ach | | 217 | 6.1 | 217 | 6.1 | 0.115 | 0.5 | NA | 0.0 | 0.1 | 0.01 | 0.06 | 0.01 | 48.1 |
| 8 T1 All MCs 1 0.0 1 0.0 0.011 8.6 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.9 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 36.4 Approach 8 0.0 8 0.0 0.011 6.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.0 0.0 0.0 0.00 0.00 46.1 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | North | : Pear | son Stree | et | | | | | | | | | | | | |
| 8 T1 All MCs 1 0.0 1 0.0 0.011 8.6 LOS A 0.0 0.3 0.14 0.50 0.14 35.5 9 R2 All MCs 1 0.0 1 0.0 0.011 10.8 LOS B 0.0 0.3 0.14 0.50 0.14 35.9 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 36.4 Approach 8 0.0 8 0.0 0.011 6.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.0 0.0 0.0 0.00 0.00 46.1 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.0 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | 7 | L2 | All MCs | 5 | 0.0 | 5 | 0.0 | 0.011 | 5.9 | LOSA | 0.0 | 0.3 | 0.14 | 0.50 | 0.14 | 32.7 |
| 9u U All MCs 1 0.0 1 0.0 0.011 5.8 LOS A 0.0 0.3 0.14 0.50 0.14 36.4 Approach 8 0.0 8 0.0 0.011 6.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.0 0.00 | 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.011 | 8.6 | LOS A | 0.0 | 0.3 | 0.14 | 0.50 | 0.14 | 35.5 |
| Approach 8 0.0 8 0.0 0.011 6.8 LOS A 0.0 0.3 0.14 0.50 0.14 34.3 West: MacArthur Street 10 L2 All MCs 1 0.0 1 0.0 0.168 4.6 LOS A 0.0 0.0 0.00 0.00 0.00 0.00 0.00 46.1 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.00 0.00 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | 9 | R2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.011 | 10.8 | LOS B | 0.0 | 0.3 | 0.14 | 0.50 | 0.14 | 35.9 |
| West: MacArthur Street 10 L2 All MCs | 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.011 | 5.8 | LOS A | 0.0 | 0.3 | 0.14 | 0.50 | 0.14 | 36.4 |
| 10 L2 All MCs 1 0.0 0.168 4.6 LOS A 0.0 0.0 0.00 0.00 0.00 0.00 46.1 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.00 0.00 0.00 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | Appro | ach | | 8 | 0.0 | 8 | 0.0 | 0.011 | 6.8 | LOSA | 0.0 | 0.3 | 0.14 | 0.50 | 0.14 | 34.3 |
| 11 T1 All MCs 318 3.8 318 3.8 0.168 0.0 LOS A 0.0 0.0 0.00 0.00 0.00 49.9 12 R2 All MCs 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 12 R2 All MCs 24 13.0 24 13.0 0.021 5.5 LOS A 0.1 0.7 0.33 0.55 0.33 33.2 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | 10 | L2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.168 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 46.1 |
| 12u U All MCs 3 0.0 3 0.0 0.021 7.0 LOS A 0.1 0.7 0.33 0.55 0.33 35.2 Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | 11 | T1 | All MCs | 318 | 3.8 | 318 | 3.8 | 0.168 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 49.9 |
| Approach 346 4.4 346 4.4 0.168 0.5 NA 0.1 0.7 0.03 0.05 0.03 46.9 | 12 | R2 | All MCs | 24 1 | 13.0 | | | 0.021 | 5.5 | LOSA | 0.1 | 0.7 | 0.33 | 0.55 | 0.33 | 33.2 |
| | 12u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.021 | 7.0 | LOSA | 0.1 | 0.7 | 0.33 | 0.55 | 0.33 | 35.2 |
| All Vehicles 583 5.3 583 5.3 0.168 0.8 NA 0.1 0.7 0.03 0.07 0.03 46.4 | Appro | ach | | 346 | 4.4 | 346 | 4.4 | 0.168 | 0.5 | NA | 0.1 | 0.7 | 0.03 | 0.05 | 0.03 | 46.9 |
| | All Ve | hicles | | 583 | 5.3 | 583 | 5.3 | 0.168 | 0.8 | NA | 0.1 | 0.7 | 0.03 | 0.07 | 0.03 | 46.4 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:09 PM

V Site: 101 [EX-THU-AM: Desailly / New Railway (Site Folder:

Existing - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Thursday - AM @ 10 years (Network Folder: General)]

Desailly Street and New Railay Road Intersection

Site Category: Existing Design

Give-Way (Two-Way)

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|---------|--------------|-----------------|--------------|-------------------|--------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | nand lows | | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | c Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | - 4 1 | [Total∃ veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | ı: Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.024 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 44 | 0.0 | 44 | 0.0 | 0.024 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | oach | | 46 | 0.0 | 46 | 0.0 | 0.024 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 56 | 0.0 | 56 | 0.0 | 0.034 | 0.0 | LOSA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| 9 | R2 | All MCs | 5 | 60.0 | 5 | 60.0 | 0.034 | 1.0 | LOSA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| Appro | oach | | 61 | 5.2 | 61 | 5.2 | 0.034 | 0.1 | NA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| All Ve | hicles | | 107 | 2.9 | 107 | 2.9 | 0.034 | 0.1 | NA | 0.0 | 0.3 | 0.02 | 0.01 | 0.02 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:09 PM

Site: 101 [EX-THU-PM: Raymond / MacArthur (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Thursday - PM @ 10 years (Network Folder: General)

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|-----|--------------|-------|-------|-------|----------|----------|----------|------|--------------|--------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | ows | Fl ⊟Total | OWS | Satn | Delay | Service | ſ Veh. | Dist] | Que | Stop Rate | No. of | Speed |
| | | | veh/h | | veh/h | | v/c | sec | | veh | m m | | Nate | Cycles | km/h |
| South | : Rayı | mond Stre | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 73 | 0.0 | 73 | 0.0 | 0.295 | 5.3 | LOSA | 1.8 | 12.9 | 0.59 | 0.60 | 0.59 | 32.7 |
| 2 | T1 | All MCs | 120 | 0.0 | 120 | 0.0 | 0.295 | 5.3 | LOSA | 1.8 | 12.9 | 0.59 | 0.60 | 0.59 | 39.5 |
| 3 | R2 | All MCs | 81 | 0.0 | 81 | 0.0 | 0.295 | 9.4 | LOSA | 1.8 | 12.9 | 0.59 | 0.60 | 0.59 | 38.5 |
| 3u | U | All MCs | 20 | 0.0 | 20 | 0.0 | 0.295 | 11.1 | LOS B | 1.8 | 12.9 | 0.59 | 0.60 | 0.59 | 36.9 |
| Appro | ach | | 293 | 0.0 | 293 | 0.0 | 0.295 | 6.8 | LOSA | 1.8 | 12.9 | 0.59 | 0.60 | 0.59 | 38.0 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 108 | 0.0 | 108 | 0.0 | 0.355 | 4.8 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 39.9 |
| 5 | T1 | All MCs | 216 | 0.0 | 216 | 0.0 | 0.355 | 4.9 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 37.1 |
| 6 | R2 | All MCs | 49 | 0.0 | 49 | 0.0 | 0.355 | 8.9 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 40.6 |
| 6u | U | All MCs | 11 | 0.0 | 11 | 0.0 | 0.355 | 10.7 | LOS B | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 40.5 |
| Appro | ach | | 384 | 0.0 | 384 | 0.0 | 0.355 | 5.5 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 38.8 |
| North | : Rayr | nond Stre | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 55 | 2.2 | 55 | 2.2 | 0.266 | 5.9 | LOSA | 1.7 | 11.6 | 0.63 | 0.63 | 0.63 | 39.9 |
| 8 | T1 | All MCs | 99 | 0.0 | 99 | 0.0 | 0.266 | 5.8 | LOSA | 1.7 | 11.6 | 0.63 | 0.63 | 0.63 | 39.1 |
| 9 | R2 | All MCs | 88 | 0.0 | 88 | 0.0 | 0.266 | 9.9 | LOSA | 1.7 | 11.6 | 0.63 | 0.63 | 0.63 | 35.5 |
| 9u | U | All MCs | 4 | 0.0 | 4 | 0.0 | 0.266 | 11.6 | LOS B | 1.7 | 11.6 | 0.63 | 0.63 | 0.63 | 39.5 |
| Appro | ach | | 246 | 0.5 | 246 | 0.5 | 0.266 | 7.4 | LOSA | 1.7 | 11.6 | 0.63 | 0.63 | 0.63 | 38.4 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 84 | 0.0 | 84 | 0.0 | 0.397 | 5.0 | LOSA | 2.7 | 19.3 | 0.58 | 0.55 | 0.58 | 39.2 |
| 11 | T1 | All MCs | 277 | 0.4 | 277 | 0.4 | 0.397 | 5.0 | LOSA | 2.7 | 19.3 | 0.58 | 0.55 | 0.58 | 39.5 |
| 12 | R2 | All MCs | 64 | 0.0 | 64 | 0.0 | 0.397 | 9.0 | LOS A | 2.7 | 19.3 | 0.58 | 0.55 | 0.58 | 36.7 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.397 | 10.8 | LOS B | 2.7 | 19.3 | 0.58 | 0.55 | 0.58 | 31.8 |
| Appro | ach | | 426 | 0.3 | 426 | 0.3 | 0.397 | 5.6 | LOSA | 2.7 | 19.3 | 0.58 | 0.55 | 0.58 | 39.1 |
| All Ve | hicles | | 1349 | 0.2 | 1349 | 0.2 | 0.397 | 6.2 | LOSA | 2.7 | 19.3 | 0.58 | 0.57 | 0.58 | 38.6 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:52 PM

Site: 102 [EX-THU-PM: Desailly / MacArthur (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Thursday - PM @ 10 years (Network Folder: General)

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|-----------------|-------------|-------|-------------|-------|-------|----------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | اء Total I] | ows HV 1 | | ows HV 1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m | | rtato | 0,000 | km/h |
| South | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 1 | L2 | All MCs | 52 | 0.0 | 52 | 0.0 | 0.248 | 5.2 | LOSA | 1.4 | 9.9 | 0.49 | 0.62 | 0.49 | 27.2 |
| 2 | T1 | All MCs | 29 | 0.0 | 29 | 0.0 | 0.248 | 5.1 | LOSA | 1.4 | 9.9 | 0.49 | 0.62 | 0.49 | 37.4 |
| 3 | R2 | All MCs | 168 | 0.0 | 168 | 0.0 | 0.248 | 8.6 | LOSA | 1.4 | 9.9 | 0.49 | 0.62 | 0.49 | 27.2 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.248 | 10.1 | LOS B | 1.4 | 9.9 | 0.49 | 0.62 | 0.49 | 27.2 |
| Appro | ach | | 251 | 0.0 | 251 | 0.0 | 0.248 | 7.5 | LOS A | 1.4 | 9.9 | 0.49 | 0.62 | 0.49 | 29.4 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 107 | 0.0 | 107 | 0.0 | 0.281 | 4.2 | LOS A | 1.8 | 12.4 | 0.26 | 0.44 | 0.26 | 34.5 |
| 5 | T1 | All MCs | 247 | 0.0 | 247 | 0.0 | 0.281 | 3.8 | LOS A | 1.8 | 12.4 | 0.26 | 0.44 | 0.26 | 34.5 |
| 6 | R2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.281 | 7.2 | LOSA | 1.8 | 12.4 | 0.26 | 0.44 | 0.26 | 39.9 |
| 6u | U | All MCs | 5 | 0.0 | 5 | 0.0 | 0.281 | 8.7 | LOSA | 1.8 | 12.4 | 0.26 | 0.44 | 0.26 | 34.5 |
| Appro | ach | | 367 | 0.0 | 367 | 0.0 | 0.281 | 4.1 | LOSA | 1.8 | 12.4 | 0.26 | 0.44 | 0.26 | 34.7 |
| North | Desa | ailly Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 15 | 0.0 | 15 | 0.0 | 0.039 | 5.7 | LOS A | 0.2 | 1.4 | 0.53 | 0.62 | 0.53 | 35.8 |
| 8 | T1 | All MCs | 5 | 0.0 | 5 | 0.0 | 0.039 | 5.6 | LOSA | 0.2 | 1.4 | 0.53 | 0.62 | 0.53 | 35.8 |
| 9 | R2 | All MCs | 14 | 0.0 | 14 | 0.0 | 0.039 | 9.1 | LOSA | 0.2 | 1.4 | 0.53 | 0.62 | 0.53 | 35.8 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.039 | 10.6 | LOS B | 0.2 | 1.4 | 0.53 | 0.62 | 0.53 | 39.5 |
| Appro | ach | | 35 | 0.0 | 35 | 0.0 | 0.039 | 7.2 | LOS A | 0.2 | 1.4 | 0.53 | 0.62 | 0.53 | 36.0 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.251 | 5.2 | LOSA | 1.5 | 10.6 | 0.46 | 0.53 | 0.46 | 38.9 |
| 11 | T1 | All MCs | 206 | 0.6 | 206 | 0.6 | 0.251 | 4.8 | LOSA | 1.5 | 10.6 | 0.46 | 0.53 | 0.46 | 32.1 |
| 12 | R2 | All MCs | 45 | 2.3 | 45 | 2.3 | 0.251 | 8.2 | LOS A | 1.5 | 10.6 | 0.46 | 0.53 | 0.46 | 32.1 |
| 12u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.251 | 9.7 | LOS A | 1.5 | 10.6 | 0.46 | 0.53 | 0.46 | 32.1 |
| Appro | ach | | 257 | 0.9 | 257 | 0.9 | 0.251 | 5.5 | LOSA | 1.5 | 10.6 | 0.46 | 0.53 | 0.46 | 32.3 |
| All Ve | hicles | | 909 | 0.3 | 909 | 0.3 | 0.281 | 5.5 | LOSA | 1.8 | 12.4 | 0.39 | 0.52 | 0.39 | 32.5 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:52 PM

n Site: 103 [EX-THU-PM: Pearson / MacArthur (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Thursday - PM @ 10 years (Network Folder: General)

Pearson Street and MacArthur Street X-Intersection

Site Category: Existing Design

Stop (Two-Way)

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle Mo | ovement | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|---------------|-----------------|------|---------------|---------------|--------------|----------------|---------------------|---------------|----------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival lows | Deg. Satn | Aver. Delay | Level of Service | | Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] % | v/c | 222 | | [Veh. veh | Dist] | | Rate | Cycles | km/h |
| South | : Pear | son Stree | | 70 | ven/m | 70 | V/C | sec | | ven | m | | _ | | KIII/II |
| 1 | | All MCs | | 0.0 | 4 | 0.0 | 0.046 | 9.1 | LOSA | 0.2 | 1.2 | 0.41 | 0.79 | 0.41 | 27.5 |
| 2 | T1 | All MCs | | | 1 | | 0.046 | 13.6 | LOS B | 0.2 | 1.2 | 0.41 | 0.79 | 0.41 | 29.0 |
| 3 | R2 | All MCs | | 0.0 | - | 0.0 | 0.046 | 15.0 | LOS B | 0.2 | 1.2 | 0.41 | 0.79 | 0.41 | 19.5 |
| 3u | U | All MCs | 1 | 0.0 | 1 | | 0.046 | 7.9 | LOSA | 0.2 | 1.2 | 0.41 | 0.79 | 0.41 | 25.0 |
| Appro | | 7 111 111 100 | | 0.0 | | 0.0 | 0.046 | 13.3 | LOS B | 0.2 | 1.2 | 0.41 | 0.79 | 0.41 | 22.8 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.164 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 44.8 |
| 5 | T1 | All MCs | 312 | 0.0 | 312 | 0.0 | 0.164 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 49.7 |
| 6 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.004 | 5.2 | LOSA | 0.0 | 0.1 | 0.35 | 0.55 | 0.35 | 36.1 |
| 6u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.004 | 7.1 | LOSA | 0.0 | 0.1 | 0.35 | 0.55 | 0.35 | 31.0 |
| Appro | ach | | 323 | 0.0 | 323 | 0.0 | 0.164 | 0.2 | NA | 0.0 | 0.1 | 0.00 | 0.02 | 0.00 | 49.3 |
| North | Pear | son Stree | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.008 | 5.4 | LOSA | 0.0 | 0.2 | 0.14 | 0.50 | 0.14 | 32.2 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.008 | 8.4 | LOSA | 0.0 | 0.2 | 0.14 | 0.50 | 0.14 | 35.1 |
| 9 | R2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.008 | 10.6 | LOS B | 0.0 | 0.2 | 0.14 | 0.50 | 0.14 | 35.5 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.008 | 5.8 | LOSA | 0.0 | 0.2 | 0.14 | 0.50 | 0.14 | 36.1 |
| Appro | ach | | 5 | 0.0 | 5 | 0.0 | 0.008 | 7.2 | LOSA | 0.0 | 0.2 | 0.14 | 0.50 | 0.14 | 34.6 |
| West: | MacA | rthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.122 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 46.0 |
| 11 | T1 | All MCs | 233 | 1.0 | 233 | 1.0 | 0.122 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 49.7 |
| 12 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.003 | 5.5 | LOS A | 0.0 | 0.1 | 0.40 | 0.55 | 0.40 | 33.5 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.003 | 7.7 | LOSA | 0.0 | 0.1 | 0.40 | 0.55 | 0.40 | 34.7 |
| Appro | ach | | 240 | 1.0 | 240 | 1.0 | 0.122 | 0.2 | NA | 0.0 | 0.1 | 0.01 | 0.01 | 0.01 | 49.0 |
| All Ve | hicles | | 588 | 0.4 | 588 | 0.4 | 0.164 | 0.7 | NA | 0.2 | 1.2 | 0.02 | 0.05 | 0.02 | 47.7 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:52 PM

V Site: 101 [EX-THU-PM: Desailly / New Railway (Site Folder:

Existing - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Thursday - PM @ 10 years (Network Folder: General)]

Desailly Street and New Railay Road Intersection

Site Category: Existing Design

Give-Way (Two-Way)

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle Mo | ovement | Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|--------------------|------|--------------------|------------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival ows | Deg. Satn | Aver. Delay | Level of Service | | k Of Queue | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] <u>%</u> | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 1 | L2 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.070 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 127 | 0.0 | 127 | 0.0 | 0.070 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | ach | | 138 | 0.0 | 138 | 0.0 | 0.070 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | illy Street | i | | | | | | | | | | | | |
| 8 | T1 | All MCs | 89 | 1.2 | 89 | 1.2 | 0.048 | 0.0 | LOSA | 0.0 | 0.1 | 0.02 | 0.01 | 0.02 | 20.0 |
| 9 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.048 | 1.0 | LOS A | 0.0 | 0.1 | 0.02 | 0.01 | 0.02 | 19.9 |
| Appro | ach | | 93 | 1.1 | 93 | 1.1 | 0.048 | 0.0 | NA | 0.0 | 0.1 | 0.02 | 0.01 | 0.02 | 20.0 |
| All Ve | hicles | | 231 | 0.5 | 231 | 0.5 | 0.070 | 0.0 | NA | 0.0 | 0.1 | 0.01 | 0.00 | 0.01 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:42:52 PM

Site: 101 [EX-SAT-PEAK: Raymond / MacArthur (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Saturday - Peak @ 10 years (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|------|--------------|-------|-------|-------|----------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | OWS | FI ⊟Total | OWS | Satn | Delay | Service | ſ Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | | v/c | sec | | veh | m m | | Male | Cycles | km/h |
| South | : Rayı | mond Str | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 103 | 0.0 | 103 | 0.0 | 0.421 | 6.5 | LOSA | 3.0 | 20.8 | 0.74 | 0.68 | 0.74 | 30.8 |
| 2 | T1 | All MCs | 106 | 0.0 | 106 | 0.0 | 0.421 | 6.5 | LOSA | 3.0 | 20.8 | 0.74 | 0.68 | 0.74 | 38.2 |
| 3 | R2 | All MCs | 108 | 0.0 | 108 | 0.0 | 0.421 | 10.5 | LOS B | 3.0 | 20.8 | 0.74 | 0.68 | 0.74 | 37.2 |
| 3u | U | All MCs | 53 | 0.0 | 53 | 0.0 | 0.421 | 12.3 | LOS B | 3.0 | 20.8 | 0.74 | 0.68 | 0.74 | 35.5 |
| Appro | ach | | 369 | 0.0 | 369 | 0.0 | 0.421 | 8.5 | LOSA | 3.0 | 20.8 | 0.74 | 0.68 | 0.74 | 36.1 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 136 | 0.9 | 136 | 0.9 | 0.544 | 7.6 | LOSA | 4.7 | 32.9 | 0.78 | 0.72 | 0.87 | 38.2 |
| 5 | T1 | All MCs | 296 | 8.0 | 296 | 8.0 | 0.544 | 7.6 | LOSA | 4.7 | 32.9 | 0.78 | 0.72 | 0.87 | 34.7 |
| 6 | R2 | All MCs | 50 | 2.4 | 50 | 2.4 | 0.544 | 11.7 | LOS B | 4.7 | 32.9 | 0.78 | 0.72 | 0.87 | 39.0 |
| 6u | U | All MCs | 6 | 20.0 | 6 | 20.0 | 0.544 | 14.3 | LOS B | 4.7 | 32.9 | 0.78 | 0.72 | 0.87 | 38.6 |
| Appro | ach | | 487 | 1.3 | 487 | 1.3 | 0.544 | 8.1 | LOSA | 4.7 | 32.9 | 0.78 | 0.72 | 0.87 | 36.6 |
| North | : Rayr | mond Stre | eet | | | | | | | | | | | | |
| 7 | L2 | All MCs | 94 | 1.3 | 94 | 1.3 | 0.476 | 8.4 | LOSA | 3.7 | 26.3 | 0.82 | 0.76 | 0.90 | 38.2 |
| 8 | T1 | All MCs | 153 | 0.0 | 153 | 0.0 | 0.476 | 8.4 | LOSA | 3.7 | 26.3 | 0.82 | 0.76 | 0.90 | 37.2 |
| 9 | R2 | All MCs | 123 | 1.0 | 123 | 1.0 | 0.476 | 12.5 | LOS B | 3.7 | 26.3 | 0.82 | 0.76 | 0.90 | 33.0 |
| 9u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.476 | 14.1 | LOS B | 3.7 | 26.3 | 0.82 | 0.76 | 0.90 | 37.8 |
| Appro | ach | | 373 | 0.7 | 373 | 0.7 | 0.476 | 9.8 | LOSA | 3.7 | 26.3 | 0.82 | 0.76 | 0.90 | 36.4 |
| West | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 94 | 0.0 | 94 | 0.0 | 0.529 | 5.6 | LOS A | 4.2 | 29.6 | 0.70 | 0.61 | 0.70 | 38.2 |
| 11 | T1 | All MCs | 314 | 0.0 | 314 | 0.0 | 0.529 | 5.6 | LOSA | 4.2 | 29.6 | 0.70 | 0.61 | 0.70 | 38.5 |
| 12 | R2 | All MCs | 125 | 0.0 | 125 | 0.0 | 0.529 | 9.6 | LOSA | 4.2 | 29.6 | 0.70 | 0.61 | 0.70 | 35.7 |
| 12u | U | All MCs | 12 | 0.0 | 12 | 0.0 | 0.529 | 11.4 | LOS B | 4.2 | 29.6 | 0.70 | 0.61 | 0.70 | 30.3 |
| Appro | ach | | 545 | 0.0 | 545 | 0.0 | 0.529 | 6.6 | LOSA | 4.2 | 29.6 | 0.70 | 0.61 | 0.70 | 37.8 |
| All Ve | hicles | | 1774 | 0.5 | 1774 | 0.5 | 0.544 | 8.1 | LOSA | 4.7 | 32.9 | 0.76 | 0.69 | 0.80 | 36.8 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:43:32 PM

Site: 102 [EX-SAT-PEAK: Desailly / MacArthur (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Saturday - Peak @ 10 years (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovement | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|------|---------------|-------|-------|-------|----------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | lows | FI Total | OWS | Satn | Delay | Service | ſ Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | | v/c | sec | | veh | m m | | Male | Cycles | km/h |
| South | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 1 | L2 | All MCs | 95 | 0.0 | 95 | 0.0 | 0.337 | 5.5 | LOSA | 2.1 | 14.4 | 0.54 | 0.63 | 0.54 | 26.7 |
| 2 | T1 | All MCs | 16 | 0.0 | 16 | 0.0 | 0.337 | 5.4 | LOSA | 2.1 | 14.4 | 0.54 | 0.63 | 0.54 | 37.1 |
| 3 | R2 | All MCs | 224 | 0.0 | 224 | 0.0 | 0.337 | 8.9 | LOSA | 2.1 | 14.4 | 0.54 | 0.63 | 0.54 | 26.7 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.337 | 10.4 | LOS B | 2.1 | 14.4 | 0.54 | 0.63 | 0.54 | 26.7 |
| Appro | ach | | 336 | 0.0 | 336 | 0.0 | 0.337 | 7.8 | LOS A | 2.1 | 14.4 | 0.54 | 0.63 | 0.54 | 27.7 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 203 | 0.0 | 203 | 0.0 | 0.347 | 4.1 | LOS A | 2.5 | 17.3 | 0.21 | 0.43 | 0.21 | 34.9 |
| 5 | T1 | All MCs | 274 | 1.3 | 274 | 1.3 | 0.347 | 3.7 | LOS A | 2.5 | 17.3 | 0.21 | 0.43 | 0.21 | 34.9 |
| 6 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.347 | 7.0 | LOSA | 2.5 | 17.3 | 0.21 | 0.43 | 0.21 | 40.2 |
| 6u | U | All MCs | 6 | 0.0 | 6 | 0.0 | 0.347 | 8.6 | LOSA | 2.5 | 17.3 | 0.21 | 0.43 | 0.21 | 34.9 |
| Appro | ach | | 486 | 8.0 | 486 | 8.0 | 0.347 | 3.9 | LOSA | 2.5 | 17.3 | 0.21 | 0.43 | 0.21 | 35.0 |
| North | : Desa | illy Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.048 | 6.2 | LOSA | 0.3 | 1.8 | 0.58 | 0.63 | 0.58 | 36.1 |
| 8 | T1 | All MCs | 21 | 0.0 | 21 | 0.0 | 0.048 | 6.2 | LOSA | 0.3 | 1.8 | 0.58 | 0.63 | 0.58 | 36.1 |
| 9 | R2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.048 | 9.7 | LOSA | 0.3 | 1.8 | 0.58 | 0.63 | 0.58 | 36.1 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.048 | 11.2 | LOS B | 0.3 | 1.8 | 0.58 | 0.63 | 0.58 | 39.7 |
| Appro | ach | | 40 | 0.0 | 40 | 0.0 | 0.048 | 7.0 | LOSA | 0.3 | 1.8 | 0.58 | 0.63 | 0.58 | 36.3 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 69 | 0.0 | 69 | 0.0 | 0.355 | 5.7 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 38.9 |
| 11 | T1 | All MCs | 272 | 0.0 | 272 | 0.0 | 0.355 | 5.2 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 31.9 |
| 12 | R2 | All MCs | 9 | 0.0 | 9 | 0.0 | 0.355 | 8.6 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 31.9 |
| 12u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.355 | 10.2 | LOS B | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 31.9 |
| Appro | ach | | 353 | 0.0 | 353 | 0.0 | 0.355 | 5.4 | LOSA | 2.4 | 16.5 | 0.55 | 0.54 | 0.55 | 34.3 |
| All Ve | hicles | | 1216 | 0.3 | 1216 | 0.3 | 0.355 | 5.5 | LOSA | 2.5 | 17.3 | 0.41 | 0.52 | 0.41 | 32.8 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

 $\label{eq:holes} \mbox{HV (\%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.}$

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

Organisation: BEVERIDGE WILLIAMS | Licence: NETWORK / 1PC | Processed: Monday, 20 October 2025 4:43:32 PM

🚋 Site: 103 [EX-SAT-PEAK: Pearson / MacArthur (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Saturday - Peak @ 10 years (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection

Site Category: Existing Design

Stop (Two-Way)

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|------|--------------------|--------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival ows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Pear | rson Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 14 | 15.4 | 14 | 15.4 | 0.119 | 10.6 | LOS B | 0.4 | 3.1 | 0.64 | 0.93 | 0.64 | 24.5 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.119 | 17.8 | LOS C | 0.4 | 3.1 | 0.64 | 0.93 | 0.64 | 26.9 |
| 3 | R2 | All MCs | 24 | 0.0 | 24 | 0.0 | 0.119 | 20.4 | LOS C | 0.4 | 3.1 | 0.64 | 0.93 | 0.64 | 17.2 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.119 | 8.1 | LOS A | 0.4 | 3.1 | 0.64 | 0.93 | 0.64 | 23.0 |
| Appro | ach | | 40 | 5.3 | 40 | 5.3 | 0.119 | 16.7 | LOS C | 0.4 | 3.1 | 0.64 | 0.93 | 0.64 | 20.9 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 23 | 4.5 | 23 | 4.5 | 0.199 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.03 | 0.00 | 44.0 |
| 5 | T1 | All MCs | 362 | 0.7 | 362 | 0.7 | 0.199 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.03 | 0.00 | 49.3 |
| 6 | R2 | All MCs | 9 | 0.0 | 9 | 0.0 | 0.011 | 5.6 | LOSA | 0.0 | 0.3 | 0.41 | 0.57 | 0.41 | 36.1 |
| 6u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.011 | 7.9 | LOSA | 0.0 | 0.3 | 0.41 | 0.57 | 0.41 | 31.0 |
| Appro | ach | | 397 | 0.9 | 397 | 0.9 | 0.199 | 0.5 | NA | 0.0 | 0.3 | 0.01 | 0.05 | 0.01 | 48.4 |
| North | : Pear | son Stree | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.018 | 5.9 | LOS A | 0.1 | 0.4 | 0.35 | 0.49 | 0.35 | 28.4 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.018 | 11.6 | LOS B | 0.1 | 0.4 | 0.35 | 0.49 | 0.35 | 32.0 |
| 9 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.018 | 14.5 | LOS B | 0.1 | 0.4 | 0.35 | 0.49 | 0.35 | 32.7 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.018 | 5.9 | LOSA | 0.1 | 0.4 | 0.35 | 0.49 | 0.35 | 33.5 |
| Appro | ach | | 8 | 0.0 | 8 | 0.0 | 0.018 | 9.8 | LOSA | 0.1 | 0.4 | 0.35 | 0.49 | 0.35 | 31.5 |
| West | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.170 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 46.0 |
| 11 | T1 | All MCs | 330 | 0.0 | 330 | 0.0 | 0.170 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 49.8 |
| 12 | R2 | All MCs | 19 | 5.6 | 19 | 5.6 | 0.017 | 6.0 | LOSA | 0.1 | 0.5 | 0.44 | 0.59 | 0.44 | 33.3 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.017 | 8.3 | LOSA | 0.1 | 0.5 | 0.44 | 0.59 | 0.44 | 34.8 |
| Appro | ach | | 352 | 0.3 | 352 | 0.3 | 0.170 | 0.4 | NA | 0.1 | 0.5 | 0.02 | 0.04 | 0.02 | 47.6 |
| All Ve | hicles | | 798 | 8.0 | 798 | 8.0 | 0.199 | 1.4 | NA | 0.4 | 3.1 | 0.05 | 0.09 | 0.05 | 45.5 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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V Site: 101 [EX-SAT-PEAK: Desailly / New Railway (Site Folder:

Existing - Saturday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Existing - Saturday - Peak @ 10 years (Network Folder: General)]

Desailly Street and New Railay Road Intersection

Site Category: Existing Design

Give-Way (Two-Way)

Design Life Analysis (Final Year): Results for 10 years

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|--------------------|--------------|---------------|------------------|--------------|----------------|---------------------|---------------|-------------|----------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Dem Fl | nand lows | | rival lows | Deg. Satn | Aver. Delay | Level of Service | | ck Of Queu | e Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] <u>%</u> | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 21 | 0.0 | 21 | 0.0 | 0.085 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 146 | 0.0 | 146 | 0.0 | 0.085 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | ach | | 167 | 0.0 | 167 | 0.0 | 0.085 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | Desa | illy Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 112 | 0.0 | 112 | 0.0 | 0.061 | 0.0 | LOSA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| 9 | R2 | All MCs | 6 | 0.0 | 6 | 0.0 | 0.061 | 1.2 | LOS A | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| Appro | ach | | 118 | 0.0 | 118 | 0.0 | 0.061 | 0.1 | NA | 0.0 | 0.3 | 0.04 | 0.02 | 0.04 | 19.9 |
| All Ve | hicles | | 285 | 0.0 | 285 | 0.0 | 0.085 | 0.0 | NA | 0.0 | 0.3 | 0.02 | 0.01 | 0.02 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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NETWORK LAYOUT

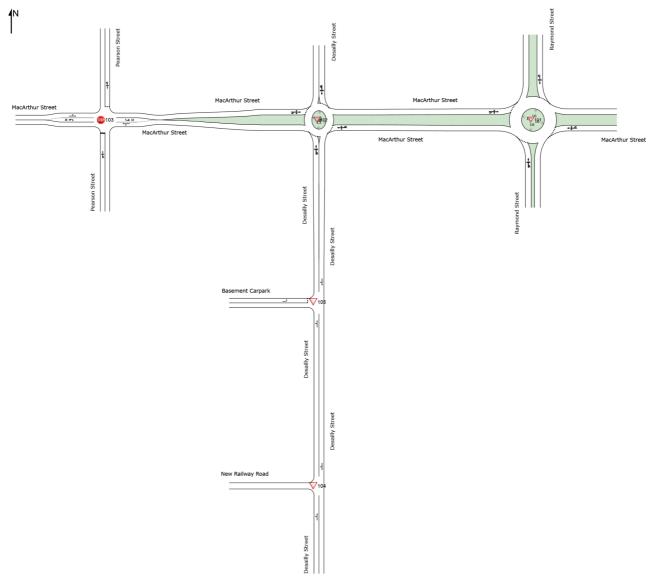
■■ Network: N101 [Post-Development - Thursday - AM @ 10

years (Network Folder: General)]

MacArthur Street and Desailly Street network

Network Category: Existing Design

Layout pictures are schematic functional drawings reflecting input data. They are not design drawings.



| SITES IN NETWORK | | | | | | | |
|------------------|--------|---|--|--|--|--|--|
| Site ID | CCG ID | Site Name | | | | | |
| ₩ 101 | NA | PD-10-THU-AM: Raymond / MacArthur | | | | | |
| ∀ 102 | NA | PD-10-THU-AM: Desailly / MacArthur | | | | | |
| 103 | NA | PD-10-THU-AM: Pearson / MacArthur | | | | | |
| ∇ 104 | NA | PD-10-THU-AM: Desailly / New Railway | | | | | |
| ∇ 105 | NA | PD-10-THU-AM: Desailly / Basement Carpark | | | | | |

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Project: Q:\mel\jobs\Jobs Data\2402360 - 38-50 MacArthur Street, Sale_Traf\Analysis\Internal\2402360-TR-REP-01-1.0-SIDRA v1.1.sip9

Site: 101 [PD-10-THU-AM: Raymond / MacArthur (Site Folder:

Post-Development - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - AM @ 10 years (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

| Vehicle Movement Performance | | | | | | | | | | | | | | | |
|------------------------------|------------------------|-----------|-------|----------------|-------------|--------------|-------|-------|----------|-------------------------|--------|------|--------------|---------------|-------|
| | | | | Demand Arrival | | | | | Level of | 95% Back Of Queue Prop. | | | Eff. | Aver. | Aver. |
| ID | | Class | | ows HV 1 | FI Total | lows HV 1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m | | | | km/h |
| South | : Rayı | mond Str | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 33 | 0.0 | 33 | 0.0 | 0.200 | 5.3 | LOSA | 1.2 | 8.4 | 0.58 | 0.60 | 0.58 | 32.7 |
| 2 | T1 | All MCs | 98 | 0.0 | 98 | 0.0 | 0.200 | 5.3 | LOSA | 1.2 | 8.4 | 0.58 | 0.60 | 0.58 | 39.5 |
| 3 | R2 | All MCs | 36 | 2.9 | 36 | 2.9 | 0.200 | 9.5 | LOSA | 1.2 | 8.4 | 0.58 | 0.60 | 0.58 | 38.4 |
| 3u | U | All MCs | 24 | 4.3 | 24 | 4.3 | 0.200 | 11.3 | LOS B | 1.2 | 8.4 | 0.58 | 0.60 | 0.58 | 36.4 |
| Appro | ach | | 191 | 1.1 | 191 | 1.1 | 0.200 | 6.9 | LOSA | 1.2 | 8.4 | 0.58 | 0.60 | 0.58 | 38.2 |
| East: | East: MacArthur Street | | | | | | | | | | | | | | |
| 4 | L2 | All MCs | 82 | 3.8 | 82 | 3.8 | 0.388 | 5.6 | LOS A | 2.6 | 19.1 | 0.63 | 0.58 | 0.63 | 39.5 |
| 5 | T1 | All MCs | 261 | 4.4 | 261 | 4.4 | 0.388 | 5.6 | LOSA | 2.6 | 19.1 | 0.63 | 0.58 | 0.63 | 36.6 |
| 6 | R2 | All MCs | 29 | 10.7 | 29 | 10.7 | 0.388 | 9.9 | LOSA | 2.6 | 19.1 | 0.63 | 0.58 | 0.63 | 40.1 |
| 6u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.388 | 11.3 | LOS B | 2.6 | 19.1 | 0.63 | 0.58 | 0.63 | 40.2 |
| Appro | ach | | 374 | 4.8 | 374 | 4.8 | 0.388 | 6.0 | LOSA | 2.6 | 19.1 | 0.63 | 0.58 | 0.63 | 37.9 |
| North | : Rayr | nond Stre | eet | | | | | | | | | | | | |
| 7 | L2 | All MCs | 77 | 1.4 | 77 | 1.4 | 0.363 | 5.9 | LOSA | 2.4 | 16.9 | 0.66 | 0.63 | 0.66 | 40.1 |
| 8 | T1 | All MCs | 161 | 0.0 | 161 | 0.0 | 0.363 | 5.9 | LOSA | 2.4 | 16.9 | 0.66 | 0.63 | 0.66 | 39.3 |
| 9 | R2 | All MCs | 99 | 6.4 | 99 | 6.4 | 0.363 | 10.2 | LOS B | 2.4 | 16.9 | 0.66 | 0.63 | 0.66 | 35.7 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.363 | 11.7 | LOS B | 2.4 | 16.9 | 0.66 | 0.63 | 0.66 | 39.6 |
| Appro | ach | | 338 | 2.2 | 338 | 2.2 | 0.363 | 7.2 | LOSA | 2.4 | 16.9 | 0.66 | 0.63 | 0.66 | 38.7 |
| West: MacArthur Street | | | | | | | | | | | | | | | |
| 10 | L2 | All MCs | 72 | 4.4 | 72 | 4.4 | 0.372 | 4.4 | LOS A | 2.6 | 18.4 | 0.48 | 0.49 | 0.48 | 39.6 |
| 11 | T1 | All MCs | 293 | 3.2 | 293 | 3.2 | 0.372 | 4.4 | LOSA | 2.6 | 18.4 | 0.48 | 0.49 | 0.48 | 40.0 |
| 12 | R2 | All MCs | 68 | 0.0 | 68 | 0.0 | 0.372 | 8.4 | LOSA | 2.6 | 18.4 | 0.48 | 0.49 | 0.48 | 37.3 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.372 | 10.1 | LOS B | 2.6 | 18.4 | 0.48 | 0.49 | 0.48 | 32.6 |
| Appro | ach | | 434 | 2.9 | 434 | 2.9 | 0.372 | 5.0 | LOSA | 2.6 | 18.4 | 0.48 | 0.49 | 0.48 | 39.6 |
| All Ve | hicles | | 1336 | 3.0 | 1336 | 3.0 | 0.388 | 6.1 | LOSA | 2.6 | 19.1 | 0.58 | 0.57 | 0.58 | 38.7 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 102 [PD-10-THU-AM: Desailly / MacArthur (Site Folder:

Post-Development - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - AM @ 10 years (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|-------------|-------------|-------|-------------|-------|-------|---------|----------|----------|------|--------------|------------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | Fi Total | ows HV 1 | | ows HV 1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m | | rtato | 0,000 | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 40 | 0.0 | 40 | 0.0 | 0.146 | 4.8 | LOSA | 8.0 | 5.5 | 0.44 | 0.61 | 0.44 | 27.1 |
| 2 | T1 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.146 | 4.8 | LOSA | 8.0 | 5.5 | 0.44 | 0.61 | 0.44 | 37.5 |
| 3 | R2 | All MCs | 101 | 1.0 | 101 | 1.0 | 0.146 | 8.3 | LOSA | 8.0 | 5.5 | 0.44 | 0.61 | 0.44 | 27.1 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.146 | 9.7 | LOSA | 0.8 | 5.5 | 0.44 | 0.61 | 0.44 | 27.1 |
| Appro | ach | | 149 | 0.7 | 149 | 0.7 | 0.146 | 7.2 | LOS A | 8.0 | 5.5 | 0.44 | 0.61 | 0.44 | 28.1 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 149 | 2.8 | 149 | 2.8 | 0.310 | 4.5 | LOSA | 2.0 | 14.3 | 0.32 | 0.46 | 0.32 | 33.8 |
| 5 | T1 | All MCs | 212 | 6.5 | 212 | 6.5 | 0.310 | 4.1 | LOSA | 2.0 | 14.3 | 0.32 | 0.46 | 0.32 | 33.8 |
| 6 | R2 | All MCs | 13 | 0.0 | 13 | 0.0 | 0.310 | 7.4 | LOSA | 2.0 | 14.3 | 0.32 | 0.46 | 0.32 | 39.6 |
| 6u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.310 | 8.9 | LOSA | 2.0 | 14.3 | 0.32 | 0.46 | 0.32 | 33.8 |
| Appro | ach | | 376 | 4.8 | 376 | 4.8 | 0.310 | 4.4 | LOS A | 2.0 | 14.3 | 0.32 | 0.46 | 0.32 | 34.2 |
| North | : Desa | illy Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 13 | 0.0 | 13 | 0.0 | 0.044 | 6.1 | LOSA | 0.2 | 1.6 | 0.57 | 0.65 | 0.57 | 35.1 |
| 8 | T1 | All MCs | 6 | 0.0 | 6 | 0.0 | 0.044 | 6.1 | LOSA | 0.2 | 1.6 | 0.57 | 0.65 | 0.57 | 35.1 |
| 9 | R2 | All MCs | 16 | 6.7 | 16 | 6.7 | 0.044 | 9.8 | LOSA | 0.2 | 1.6 | 0.57 | 0.65 | 0.57 | 35.1 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.044 | 11.0 | LOS B | 0.2 | 1.6 | 0.57 | 0.65 | 0.57 | 39.0 |
| Appro | ach | | 36 | 2.9 | 36 | 2.9 | 0.044 | 7.9 | LOS A | 0.2 | 1.6 | 0.57 | 0.65 | 0.57 | 35.3 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 8 | 0.0 | 8 | 0.0 | 0.338 | 4.7 | LOSA | 2.2 | 16.3 | 0.38 | 0.48 | 0.38 | 39.4 |
| 11 | T1 | All MCs | 316 | 3.7 | 316 | 3.7 | 0.338 | 4.3 | LOSA | 2.2 | 16.3 | 0.38 | 0.48 | 0.38 | 32.9 |
| 12 | R2 | All MCs | 67 | 7.8 | 67 | 7.8 | 0.338 | 7.8 | LOSA | 2.2 | 16.3 | 0.38 | 0.48 | 0.38 | 32.9 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.338 | 9.2 | LOSA | 2.2 | 16.3 | 0.38 | 0.48 | 0.38 | 32.9 |
| Appro | ach | | 393 | 4.3 | 393 | 4.3 | 0.338 | 4.9 | LOSA | 2.2 | 16.3 | 0.38 | 0.48 | 0.38 | 33.2 |
| All Ve | hicles | | 954 | 3.9 | 954 | 3.9 | 0.338 | 5.2 | LOSA | 2.2 | 16.3 | 0.37 | 0.50 | 0.37 | 32.9 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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🚋 Site: 103 [PD-10-THU-AM: Pearson / MacArthur (Site Folder:

Post-Development - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - AM @ 10 years (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection Site Category: Existing Design Stop (Two-Way)

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|--------------|------------------|-------------|-------|-------|---------|---------|------------|------|--------------|------------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | | 95% Bac | k Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | lows HV/1 | ا-ا ا Total] | OWS H\/1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m m | | Mate | Cycles | km/h |
| South | : Peai | rson Stre | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 8 | 37.5 | 8 | 37.5 | 0.066 | 10.5 | LOS B | 0.2 | 1.9 | 0.60 | 0.89 | 0.60 | 22.7 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.066 | 15.4 | LOS C | 0.2 | 1.9 | 0.60 | 0.89 | 0.60 | 26.0 |
| 3 | R2 | All MCs | 8 | 37.5 | 8 | 37.5 | 0.066 | 29.0 | LOS D | 0.2 | 1.9 | 0.60 | 0.89 | 0.60 | 16.4 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.066 | 8.5 | LOS A | 0.2 | 1.9 | 0.60 | 0.89 | 0.60 | 22.2 |
| Appro | ach | | 19 | 33.3 | 19 | 33.3 | 0.066 | 18.9 | LOS C | 0.2 | 1.9 | 0.60 | 0.89 | 0.60 | 20.7 |
| East: | MacA | rthur Stre | eet | | | | | | | | | | | | |
| 4 | L2 | All MCs | 43 | 4.9 | 43 | 4.9 | 0.138 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.09 | 0.00 | 42.8 |
| 5 | T1 | All MCs | 215 | 5.9 | 215 | 5.9 | 0.138 | 0.0 | LOS A | 0.0 | 0.0 | 0.00 | 0.09 | 0.00 | 48.1 |
| 6 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.052 | 5.8 | LOS A | 0.2 | 1.5 | 0.47 | 0.68 | 0.47 | 34.2 |
| 6u | U | All MCs | 39 | 0.0 | 39 | 0.0 | 0.052 | 8.3 | LOS A | 0.2 | 1.5 | 0.47 | 0.68 | 0.47 | 28.2 |
| Appro | ach | | 299 | 4.9 | 299 | 4.9 | 0.138 | 1.8 | NA | 0.2 | 1.5 | 0.07 | 0.17 | 0.07 | 44.8 |
| North | : Pear | son Stree | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 5 | 0.0 | 5 | 0.0 | 0.012 | 6.0 | LOSA | 0.0 | 0.3 | 0.15 | 0.49 | 0.15 | 32.0 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.012 | 10.1 | LOS B | 0.0 | 0.3 | 0.15 | 0.49 | 0.15 | 34.9 |
| 9 | R2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.012 | 12.2 | LOS B | 0.0 | 0.3 | 0.15 | 0.49 | 0.15 | 35.3 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.012 | 5.8 | LOSA | 0.0 | 0.3 | 0.15 | 0.49 | 0.15 | 36.0 |
| Appro | ach | | 8 | 0.0 | 8 | 0.0 | 0.012 | 7.3 | LOSA | 0.0 | 0.3 | 0.15 | 0.49 | 0.15 | 33.7 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.183 | 4.6 | LOS A | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 46.1 |
| 11 | T1 | All MCs | 346 | 4.3 | 346 | 4.3 | 0.183 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 49.9 |
| 12 | R2 | All MCs | 46 | 9.1 | 46 | 9.1 | 0.038 | 5.6 | LOSA | 0.2 | 1.2 | 0.36 | 0.57 | 0.36 | 33.4 |
| 12u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.038 | 7.2 | LOSA | 0.2 | 1.2 | 0.36 | 0.57 | 0.36 | 35.2 |
| Appro | ach | | 397 | 4.8 | 397 | 4.8 | 0.183 | 0.7 | NA | 0.2 | 1.2 | 0.05 | 0.07 | 0.05 | 45.5 |
| All Ve | hicles | | 723 | 5.5 | 723 | 5.5 | 0.183 | 1.7 | NA | 0.2 | 1.9 | 0.07 | 0.14 | 0.07 | 43.6 |
| | | | | | | | | | | | | | | | |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab)

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

V Site: 104 [PD-10-THU-AM: Desailly / New Railway (Site

Folder: Post-Development - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - AM @ 10 years (Network Folder: General)]

Desailly Street and New Railay Road Intersection Site Category: Existing Design Give-Way (Two-Way)

| Vehic | cle M | ovemen | t Perforn | nance | | | | | | | | | | |
|-----------|--------|--------------|---------------------|-------------------------|----------------|--------------|----------------|---------------------|---------------|-------------|----------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | Demar Flov | rs F | rrival lows | Deg. Satn | Aver. Delay | Level of Service | | ck Of Queu | e Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total H\ veh/h | ′] [Total % veh/h | | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | |
| 1 | L2 | All MCs | 2 0 | .0 2 | 0.0 | 0.035 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 65 1 | 6 65 | 1.6 | 0.035 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | ach | | 67 1 | 6 67 | 1.6 | 0.035 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | illy Stree | t | | | | | | | | | | | |
| 8 | T1 | All MCs | 56 0 | .0 56 | 0.0 | 0.036 | 0.1 | LOSA | 0.1 | 0.5 | 0.06 | 0.04 | 0.06 | 19.9 |
| 9 | R2 | All MCs | 7 71 | .4 7 | 71.4 | 0.036 | 0.9 | LOSA | 0.1 | 0.5 | 0.06 | 0.04 | 0.06 | 19.8 |
| Appro | ach | | 63 8 | .3 63 | 8.3 | 0.036 | 0.2 | NA | 0.1 | 0.5 | 0.06 | 0.04 | 0.06 | 19.9 |
| All Ve | hicles | | 131 4 | .8 131 | 4.8 | 0.036 | 0.1 | NA | 0.1 | 0.5 | 0.03 | 0.02 | 0.03 | 19.9 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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V Site: 105 [PD-10-THU-AM: Desailly / Basement Carpark (Site

Folder: Post-Development - Thursday - AM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - AM @ 10 years (Network Folder: General)]

Basement carpark entrance onto Desailly Street Site Category: Proposed Design 1 Give-Way (Two-Way)

| Vehic | cle M | ovement | t Perfo | rma | nce | | | | | | | | | | |
|-----------|----------|--------------------|----------|------------|----------|---------------------------|---------------------|-----------------------|---------------------|---------------------------|-------------------------|--------------|----------------------|---------------------------|------------------------|
| Mov ID | Turn | Mov Class | | ows HV] | | rival ows HV] % | Deg. Satn v/c | Aver. Delay sec | Level of Service | 95% Back [Veh. veh | Of Queue Dist] m | Prop. Que | Eff. Stop Rate | Aver. No. of Cycles | Aver. Speed km/h |
| South | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 1 2 | L2 T1 | All MCs All MCs | 21 44 | 0.0 | 21 44 | 0.0 | 0.034 0.034 | 0.0 | LOS A LOS A | 0.0 0.0 | 0.0 0.0 | 0.00 | 0.00 | 0.00 | 20.0 20.0 |
| Appro | ach | | 65 | 0.0 | 65 | 0.0 | 0.034 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | illy Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 63 | 8.3 | 63 | 8.3 | 0.099 | 0.2 | LOSA | 0.5 | 3.4 | 0.16 | 0.13 | 0.16 | 19.0 |
| 9 | R2 | All MCs | 111 | 0.0 | 111 | 0.0 | 0.099 | 8.0 | LOS A | 0.5 | 3.4 | 0.16 | 0.13 | 0.16 | 19.3 |
| Appro | ach | | 174 | 3.0 | 174 | 3.0 | 0.099 | 0.6 | NA | 0.5 | 3.4 | 0.16 | 0.13 | 0.16 | 19.2 |
| West | Base | ment Car | park | | | | | | | | | | | | |
| 10 | L2 | All MCs | 93 | 0.0 | 93 | 0.0 | 0.059 | 0.1 | LOSA | 0.2 | 1.7 | 0.12 | 0.03 | 0.12 | 19.2 |
| Appro | ach | | 93 | 0.0 | 93 | 0.0 | 0.059 | 0.1 | LOSA | 0.2 | 1.7 | 0.12 | 0.03 | 0.12 | 19.2 |
| All Ve | hicles | | 332 | 1.6 | 332 | 1.6 | 0.099 | 0.3 | NA | 0.5 | 3.4 | 0.12 | 0.08 | 0.12 | 19.3 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 101 [PD-10-THU-PM: Raymond / MacArthur (Site Folder:

Post-Development - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - PM @ 10 years (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle Mo | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|-----|------------------|-------|-------|-------|----------|----------|----------|------|--------------|------------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | OWS | ا-ا ا Total] | OWS | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m m | | Ttate | Cycles | km/h |
| South | : Rayr | mond Str | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 74 | 0.0 | 74 | 0.0 | 0.330 | 6.2 | LOSA | 2.2 | 15.1 | 0.68 | 0.65 | 0.68 | 31.7 |
| 2 | T1 | All MCs | 120 | 0.0 | 120 | 0.0 | 0.330 | 6.2 | LOSA | 2.2 | 15.1 | 0.68 | 0.65 | 0.68 | 38.8 |
| 3 | R2 | All MCs | 81 | 0.0 | 81 | 0.0 | 0.330 | 10.2 | LOS B | 2.2 | 15.1 | 0.68 | 0.65 | 0.68 | 37.8 |
| 3u | U | All MCs | 20 | 0.0 | 20 | 0.0 | 0.330 | 12.0 | LOS B | 2.2 | 15.1 | 0.68 | 0.65 | 0.68 | 36.1 |
| Appro | ach | | 295 | 0.0 | 295 | 0.0 | 0.330 | 7.7 | LOSA | 2.2 | 15.1 | 0.68 | 0.65 | 0.68 | 37.2 |
| East: | MacA | rthur Stre | eet | | | | | | | | | | | | |
| 4 | L2 | All MCs | 107 | 0.0 | 107 | 0.0 | 0.457 | 5.3 | LOSA | 3.3 | 23.5 | 0.64 | 0.57 | 0.64 | 39.4 |
| 5 | T1 | All MCs | 308 | 1.0 | 308 | 1.0 | 0.457 | 5.3 | LOS A | 3.3 | 23.5 | 0.64 | 0.57 | 0.64 | 36.4 |
| 6 | R2 | All MCs | 48 | 0.0 | 48 | 0.0 | 0.457 | 9.4 | LOSA | 3.3 | 23.5 | 0.64 | 0.57 | 0.64 | 40.2 |
| 6u | U | All MCs | 11 | 0.0 | 11 | 0.0 | 0.457 | 11.1 | LOS B | 3.3 | 23.5 | 0.64 | 0.57 | 0.64 | 40.1 |
| Appro | ach | | 475 | 0.7 | 475 | 0.7 | 0.457 | 5.9 | LOSA | 3.3 | 23.5 | 0.64 | 0.57 | 0.64 | 37.9 |
| North | : Rayn | nond Stre | eet | | | | | | | | | | | | |
| 7 | L2 | All MCs | 55 | 1.9 | 55 | 1.9 | 0.334 | 7.0 | LOSA | 2.2 | 15.7 | 0.75 | 0.70 | 0.75 | 38.9 |
| 8 | T1 | All MCs | 99 | 0.0 | 99 | 0.0 | 0.334 | 6.9 | LOSA | 2.2 | 15.7 | 0.75 | 0.70 | 0.75 | 38.0 |
| 9 | R2 | All MCs | 112 | 0.0 | 112 | 0.0 | 0.334 | 11.0 | LOS B | 2.2 | 15.7 | 0.75 | 0.70 | 0.75 | 34.1 |
| 9u | U | All MCs | 3 | 0.0 | 3 | 0.0 | 0.334 | 12.7 | LOS B | 2.2 | 15.7 | 0.75 | 0.70 | 0.75 | 38.5 |
| Appro | ach | | 268 | 0.4 | 268 | 0.4 | 0.334 | 8.7 | LOSA | 2.2 | 15.7 | 0.75 | 0.70 | 0.75 | 37.0 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 108 | 0.0 | 108 | 0.0 | 0.537 | 5.2 | LOSA | 4.3 | 30.5 | 0.66 | 0.57 | 0.66 | 38.7 |
| 11 | T1 | All MCs | 393 | 1.1 | 393 | 1.1 | 0.537 | 5.3 | LOSA | 4.3 | 30.5 | 0.66 | 0.57 | 0.66 | 39.1 |
| 12 | R2 | All MCs | 79 | 0.0 | 79 | 0.0 | 0.537 | 9.3 | LOSA | 4.3 | 30.5 | 0.66 | 0.57 | 0.66 | 36.2 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.537 | 11.1 | LOS B | 4.3 | 30.5 | 0.66 | 0.57 | 0.66 | 31.0 |
| Appro | ach | | 581 | 0.7 | 581 | 0.7 | 0.537 | 5.8 | LOSA | 4.3 | 30.5 | 0.66 | 0.57 | 0.66 | 38.6 |
| All Ve | hicles | | 1619 | 0.5 | 1619 | 0.5 | 0.537 | 6.7 | LOSA | 4.3 | 30.5 | 0.67 | 0.61 | 0.67 | 37.9 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab)

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 102 [PD-10-THU-PM: Desailly / MacArthur (Site Folder:

Post-Development - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - PM @ 10 years (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovement | t Perfo | rma | nce | | | | | | | | | | |
|-----------|--------|--------------|-----------------|------|---------------|---------------|--------------|----------------|---------------------|---------------|-------------|--------------|--------------|-----------------|----------------|
| Mov ID | Turn | Mov Class | | lows | FI | rival lows | Deg. Satn | Aver. Delay | Level of Service | 95% Back | | Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| | | | [Total veh/h | | [Total veh/h | HV] % | v/c | sec | | [Veh. veh | Dist] m | | Rate | Cycles | km/h |
| South | : Desa | ailly Stree | ŧt | | | | | | | | | | | | |
| 1 | L2 | All MCs | 102 | 0.0 | 102 | 0.0 | 0.422 | 5.7 | LOSA | 2.9 | 20.1 | 0.60 | 0.64 | 0.60 | 26.0 |
| 2 | T1 | All MCs | 35 | 0.0 | 35 | 0.0 | 0.422 | 5.6 | LOSA | 2.9 | 20.1 | 0.60 | 0.64 | 0.60 | 36.8 |
| 3 | R2 | All MCs | 279 | 0.4 | 279 | 0.4 | 0.422 | 9.1 | LOSA | 2.9 | 20.1 | 0.60 | 0.64 | 0.60 | 26.0 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.422 | 10.6 | LOS B | 2.9 | 20.1 | 0.60 | 0.64 | 0.60 | 26.0 |
| Appro | ach | | 417 | 0.3 | 417 | 0.3 | 0.422 | 8.0 | LOSA | 2.9 | 20.1 | 0.60 | 0.64 | 0.60 | 27.7 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 198 | 1.1 | 198 | 1.1 | 0.396 | 4.7 | LOSA | 2.9 | 20.3 | 0.39 | 0.47 | 0.39 | 33.2 |
| 5 | T1 | All MCs | 272 | 0.4 | 272 | 0.4 | 0.396 | 4.2 | LOSA | 2.9 | 20.3 | 0.39 | 0.47 | 0.39 | 33.2 |
| 6 | R2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.396 | 7.6 | LOSA | 2.9 | 20.3 | 0.39 | 0.47 | 0.39 | 39.3 |
| 6u | U | All MCs | 5 | 0.0 | 5 | 0.0 | 0.396 | 9.1 | LOSA | 2.9 | 20.3 | 0.39 | 0.47 | 0.39 | 33.2 |
| Appro | ach | | 482 | 0.7 | 482 | 0.7 | 0.396 | 4.5 | LOSA | 2.9 | 20.3 | 0.39 | 0.47 | 0.39 | 33.4 |
| North | Desa | ailly Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 15 | 0.0 | 15 | 0.0 | 0.054 | 7.1 | LOSA | 0.3 | 2.1 | 0.65 | 0.68 | 0.65 | 34.3 |
| 8 | T1 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.054 | 7.1 | LOSA | 0.3 | 2.1 | 0.65 | 0.68 | 0.65 | 34.3 |
| 9 | R2 | All MCs | 14 | 0.0 | 14 | 0.0 | 0.054 | 10.5 | LOS B | 0.3 | 2.1 | 0.65 | 0.68 | 0.65 | 34.3 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.054 | 12.0 | LOS B | 0.3 | 2.1 | 0.65 | 0.68 | 0.65 | 38.5 |
| Appro | ach | | 40 | 0.0 | 40 | 0.0 | 0.054 | 8.4 | LOSA | 0.3 | 2.1 | 0.65 | 0.68 | 0.65 | 34.4 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.378 | 6.3 | LOSA | 2.5 | 17.9 | 0.63 | 0.61 | 0.63 | 37.8 |
| 11 | T1 | All MCs | 252 | 1.3 | 252 | 1.3 | 0.378 | 5.9 | LOSA | 2.5 | 17.9 | 0.63 | 0.61 | 0.63 | 30.3 |
| 12 | R2 | All MCs | 84 | 2.5 | 84 | 2.5 | 0.378 | 9.3 | LOSA | 2.5 | 17.9 | 0.63 | 0.61 | 0.63 | 30.3 |
| 12u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.378 | 10.8 | LOS B | 2.5 | 17.9 | 0.63 | 0.61 | 0.63 | 30.3 |
| Appro | ach | | 341 | 1.5 | 341 | 1.5 | 0.378 | 6.8 | LOSA | 2.5 | 17.9 | 0.63 | 0.61 | 0.63 | 30.4 |
| All Ve | hicles | | 1280 | 0.7 | 1280 | 0.7 | 0.422 | 6.4 | LOSA | 2.9 | 20.3 | 0.53 | 0.57 | 0.53 | 30.7 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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🚋 Site: 103 [PD-10-THU-PM: Pearson / MacArthur (Site Folder:

Post-Development - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - PM @ 10 years (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection Site Category: Existing Design Stop (Two-Way)

| Vehic | cle M | ovement | Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|-------|-------------|---------------|--------------|-------|-------|----------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | OWS H\/1 | FI Total [| ows -IV/1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m m | | rtato | Cycles | km/h |
| South | : Peai | rson Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 92 | 22.2 | 9 2 | 22.2 | 0.114 | 11.1 | LOS B | 0.4 | 2.9 | 0.65 | 0.95 | 0.65 | 23.0 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.114 | 16.5 | LOS C | 0.4 | 2.9 | 0.65 | 0.95 | 0.65 | 25.6 |
| 3 | R2 | All MCs | 21 | 10.0 | 21 | 10.0 | 0.114 | 23.0 | LOS C | 0.4 | 2.9 | 0.65 | 0.95 | 0.65 | 15.9 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.114 | 8.2 | LOSA | 0.4 | 2.9 | 0.65 | 0.95 | 0.65 | 21.7 |
| Appro | ach | | 33 | 12.9 | 33 | 12.9 | 0.114 | 18.8 | LOS C | 0.4 | 2.9 | 0.65 | 0.95 | 0.65 | 19.2 |
| East: | MacA | rthur Stree | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 33 | 3.2 | 33 | 3.2 | 0.204 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.04 | 0.00 | 43.9 |
| 5 | T1 | All MCs | 362 | 0.0 | 362 | 0.0 | 0.204 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.04 | 0.00 | 49.0 |
| 6 | R2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.047 | 5.5 | LOSA | 0.2 | 1.4 | 0.41 | 0.65 | 0.41 | 34.9 |
| 6u | U | All MCs | 40 | 0.0 | 40 | 0.0 | 0.047 | 7.6 | LOSA | 0.2 | 1.4 | 0.41 | 0.65 | 0.41 | 29.3 |
| Appro | ach | | 437 | 0.2 | 437 | 0.2 | 0.204 | 1.1 | NA | 0.2 | 1.4 | 0.04 | 0.10 | 0.04 | 46.9 |
| North | : Pear | son Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.009 | 5.6 | LOSA | 0.0 | 0.2 | 0.15 | 0.49 | 0.15 | 30.7 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.009 | 10.6 | LOS B | 0.0 | 0.2 | 0.15 | 0.49 | 0.15 | 33.9 |
| 9 | R2 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.009 | 13.0 | LOS B | 0.0 | 0.2 | 0.15 | 0.49 | 0.15 | 34.4 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.009 | 5.8 | LOSA | 0.0 | 0.2 | 0.15 | 0.49 | 0.15 | 35.1 |
| Appro | ach | | 5 | 0.0 | 5 | 0.0 | 0.009 | 8.1 | LOSA | 0.0 | 0.2 | 0.15 | 0.49 | 0.15 | 33.4 |
| West: | MacA | Arthur Stre | et | | | | | | | | | | | | |
| 10 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.143 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 46.0 |
| 11 | T1 | All MCs | 273 | 1.2 | 273 | 1.2 | 0.143 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.01 | 0.00 | 49.7 |
| 12 | R2 | All MCs | 25 | 4.2 | 25 | 4.2 | 0.023 | 6.0 | LOSA | 0.1 | 0.7 | 0.44 | 0.60 | 0.44 | 33.4 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.023 | 8.3 | LOSA | 0.1 | 0.7 | 0.44 | 0.60 | 0.44 | 34.8 |
| Appro | ach | | 302 | 1.4 | 302 | 1.4 | 0.143 | 0.6 | NA | 0.1 | 0.7 | 0.04 | 0.06 | 0.04 | 46.5 |
| All Ve | hicles | | 777 | 1.2 | 777 | 1.2 | 0.204 | 1.7 | NA | 0.4 | 2.9 | 0.07 | 0.12 | 0.07 | 44.6 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab)

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

V Site: 104 [PD-10-THU-PM: Desailly / New Railway (Site

Folder: Post-Development - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - PM @ 10 years (Network Folder: General)]

Desailly Street and New Railay Road Intersection Site Category: Existing Design Give-Way (Two-Way)

| Vahi | ala M | 01/01000 | t Doufe | MINO O | 200 | | | | | | | | | | |
|-----------|--------|-------------------------------|---------|--------|------------------|---------------|--------------|----------------|---------------------|---------------|-------------|----------------|--------------|-----------------|----------------|
| Mov ID | Turn | ovemen Mov Class | Dem | | Ar | rival lows | Deg. Satn | Aver. Delay | Level of Service | 95% Bacl | k Of Queu | e Prop. Que | Eff. Stop | Aver. No. of | Aver. Speed |
| .5 | | Glass | | HV] | [Total veh/h | | v/c | sec | 2011100 | [Veh. veh | Dist] m | Q 40 | Rate | Cycles | km/h |
| South | n: Des | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.085 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 157 | 0.0 | 157 | 0.0 | 0.085 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | oach | | 167 | 0.0 | 167 | 0.0 | 0.085 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 89 | 1.2 | 89 | 1.2 | 0.051 | 0.1 | LOSA | 0.0 | 0.3 | 0.05 | 0.03 | 0.05 | 19.9 |
| 9 | R2 | All MCs | 5 | 40.0 | 5 | 40.0 | 0.051 | 1.3 | LOSA | 0.0 | 0.3 | 0.05 | 0.03 | 0.05 | 19.8 |
| Appro | oach | | 95 | 3.3 | 95 | 3.3 | 0.051 | 0.1 | NA | 0.0 | 0.3 | 0.05 | 0.03 | 0.05 | 19.9 |
| All Ve | hicles | • | 262 | 1.2 | 262 | 1.2 | 0.085 | 0.1 | NA | 0.0 | 0.3 | 0.02 | 0.01 | 0.02 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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V Site: 105 [PD-10-THU-PM: Desailly / Basement Carpark (Site

Folder: Post-Development - Thursday - PM)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Thursday - PM @ 10 years (Network Folder: General)]

Basement carpark entrance onto Desailly Street Site Category: Proposed Design 1 Give-Way (Two-Way)

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|-----------|----------|--------------|---------|-------------|-----------|---------------------------|---------------------|-----------------------|---------------------|---------------------------|-------------------|--------------|----------------------|---------------------------|------------------------|
| Mov ID | Turn | Mov Class | | lows HV] | | rival lows HV] % | Deg. Satn v/c | Aver. Delay sec | Level of Service | 95% Back [Veh. veh | Of Queue Dist] m | Prop. Que | Eff. Stop Rate | Aver. No. of Cycles | Aver. Speed km/h |
| South | : Des | ailly Stree | et | | | | | | | | | | | | |
| 1 2 | L2 T1 | All MCs | | 0.0 | 29 127 | | 0.080 0.080 | 0.0 | LOS A LOS A | 0.0 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 20.0 |
| Appro | | 7 11100 | 157 | 0.0 | 157 | | 0.080 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | ailly Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 95 | 3.3 | 95 | 3.3 | 0.149 | 0.5 | LOSA | 0.7 | 5.3 | 0.27 | 0.20 | 0.27 | 18.7 |
| 9 | R2 | All MCs | 156 | 0.0 | 156 | 0.0 | 0.149 | 1.1 | LOSA | 0.7 | 5.3 | 0.27 | 0.20 | 0.27 | 19.0 |
| Appro | ach | | 251 | 1.3 | 251 | 1.3 | 0.149 | 0.9 | NA | 0.7 | 5.3 | 0.27 | 0.20 | 0.27 | 18.9 |
| West | Base | ment Car | park | | | | | | | | | | | | |
| 10 | L2 | All MCs | 189 | 0.0 | 189 | 0.0 | 0.129 | 0.4 | LOSA | 0.6 | 3.9 | 0.23 | 0.10 | 0.23 | 18.5 |
| Appro | ach | | 189 | 0.0 | 189 | 0.0 | 0.129 | 0.4 | LOSA | 0.6 | 3.9 | 0.23 | 0.10 | 0.23 | 18.5 |
| All Ve | hicles | | 597 | 0.5 | 597 | 0.5 | 0.149 | 0.5 | NA | 0.7 | 5.3 | 0.19 | 0.12 | 0.19 | 18.9 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 101 [PD-10-SAT-PEAK: Raymond / MacArthur (Site

Folder: Post-Development - Saturday - Peak)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-**Development - Saturday - Peak** @ 10 years (Network Folder: General)]

4-way roundabout of Raymond Street & MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | le M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|------------|---------|--------------|-----------------|-------------|-------|-------|----------|----------|----------|------|--------------|---------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | lows HV 1 | اء ا Total] | ows HV 1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m | | | | km/h |
| South | : Rayı | mond Stre | eet | | | | | | | | | | | | |
| 1 | L2 | All MCs | 136 | 0.0 | 136 | 0.0 | 0.507 | 8.3 | LOSA | 4.2 | 29.7 | 0.84 | 0.77 | 0.93 | 28.9 |
| 2 | T1 | All MCs | 106 | 0.0 | 106 | 0.0 | 0.507 | 8.3 | LOSA | 4.2 | 29.7 | 0.84 | 0.77 | 0.93 | 36.8 |
| 3 | R2 | All MCs | 107 | 0.0 | 107 | 0.0 | 0.507 | 12.4 | LOS B | 4.2 | 29.7 | 0.84 | 0.77 | 0.93 | 35.9 |
| 3u | U | All MCs | 53 | 0.0 | 53 | 0.0 | 0.507 | 14.1 | LOS B | 4.2 | 29.7 | 0.84 | 0.77 | 0.93 | 34.1 |
| Appro | ach | | 402 | 0.0 | 402 | 0.0 | 0.507 | 10.2 | LOS B | 4.2 | 29.7 | 0.84 | 0.77 | 0.93 | 34.3 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 136 | 0.8 | 136 | 0.8 | 0.665 | 10.7 | LOS B | 7.3 | 51.6 | 0.90 | 0.87 | 1.16 | 35.4 |
| 5 | T1 | All MCs | 362 | 1.2 | 362 | 1.2 | 0.665 | 10.7 | LOS B | 7.3 | 51.6 | 0.90 | 0.87 | 1.16 | 31.1 |
| 6 | R2 | All MCs | 51 | 2.1 | 51 | 2.1 | 0.665 | 14.8 | LOS B | 7.3 | 51.6 | 0.90 | 0.87 | 1.16 | 36.5 |
| 6u | U | All MCs | 6 | 16.7 | 6 | 16.7 | 0.665 | 17.4 | LOS B | 7.3 | 51.6 | 0.90 | 0.87 | 1.16 | 36.2 |
| Appro | ach | | 555 | 1.3 | 555 | 1.3 | 0.665 | 11.2 | LOS B | 7.3 | 51.6 | 0.90 | 0.87 | 1.16 | 33.2 |
| North | Rayr | nond Stre | eet | | | | | | | | | | | | |
| 7 | L2 | All MCs | 94 | 1.1 | 94 | 1.1 | 0.592 | 12.5 | LOS B | 5.8 | 40.7 | 0.95 | 0.91 | 1.21 | 35.0 |
| 8 | T1 | All MCs | 153 | 0.0 | 153 | 0.0 | 0.592 | 12.5 | LOS B | 5.8 | 40.7 | 0.95 | 0.91 | 1.21 | 33.7 |
| 9 | R2 | All MCs | 143 | 0.7 | 143 | 0.7 | 0.592 | 16.6 | LOS B | 5.8 | 40.7 | 0.95 | 0.91 | 1.21 | 28.7 |
| 9u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.592 | 18.3 | LOS B | 5.8 | 40.7 | 0.95 | 0.91 | 1.21 | 34.7 |
| Appro | ach | | 392 | 0.5 | 392 | 0.5 | 0.592 | 14.0 | LOS B | 5.8 | 40.7 | 0.95 | 0.91 | 1.21 | 32.6 |
| West: | MacA | rthur Str | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 112 | 0.0 | 112 | 0.0 | 0.669 | 7.3 | LOS A | 7.5 | 52.3 | 0.82 | 0.71 | 0.92 | 37.1 |
| 11 | T1 | All MCs | 392 | 0.5 | 392 | 0.5 | 0.669 | 7.3 | LOSA | 7.5 | 52.3 | 0.82 | 0.71 | 0.92 | 37.4 |
| 12 | R2 | All MCs | 176 | 0.0 | 176 | 0.0 | 0.669 | 11.3 | LOS B | 7.5 | 52.3 | 0.82 | 0.71 | 0.92 | 34.5 |
| 12u | U | All MCs | 13 | 0.0 | 13 | 0.0 | 0.669 | 13.1 | LOS B | 7.5 | 52.3 | 0.82 | 0.71 | 0.92 | 28.7 |
| Appro | ach | | 692 | 0.3 | 692 | 0.3 | 0.669 | 8.4 | LOSA | 7.5 | 52.3 | 0.82 | 0.71 | 0.92 | 36.6 |
| All Ve | hicles | | 2040 | 0.6 | 2040 | 0.6 | 0.669 | 10.6 | LOS B | 7.5 | 52.3 | 0.87 | 0.80 | 1.04 | 34.4 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 102 [PD-10-SAT-PEAK: Desailly / MacArthur (Site

Folder: Post-Development - Saturday - Peak)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-**Development - Saturday - Peak** @ 10 years (Network Folder: General)]

4-way roundabout of Desailly Street and MacArthur Street

Site Category: Existing Design

Roundabout

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|-----|-----------------|-------------|-------|-------|----------|----------|----------|------|--------------|------------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | Level of | 95% Back | Of Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | OWS | اء ا Total] | OWS H\/1 | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m m | | rtate | Oyolos | km/h |
| South | : Desa | ailly Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 129 | 0.0 | 129 | 0.0 | 0.456 | 6.2 | LOS A | 3.1 | 21.9 | 0.65 | 0.66 | 0.65 | 25.3 |
| 2 | T1 | All MCs | 19 | 0.0 | 19 | 0.0 | 0.456 | 6.2 | LOSA | 3.1 | 21.9 | 0.65 | 0.66 | 0.65 | 36.3 |
| 3 | R2 | All MCs | 280 | 0.0 | 280 | 0.0 | 0.456 | 9.6 | LOSA | 3.1 | 21.9 | 0.65 | 0.66 | 0.65 | 25.3 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.456 | 11.1 | LOS B | 3.1 | 21.9 | 0.65 | 0.66 | 0.65 | 25.3 |
| Appro | ach | | 429 | 0.0 | 429 | 0.0 | 0.456 | 8.5 | LOSA | 3.1 | 21.9 | 0.65 | 0.66 | 0.65 | 26.2 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 261 | 0.4 | 261 | 0.4 | 0.454 | 4.4 | LOSA | 3.6 | 25.3 | 0.32 | 0.44 | 0.32 | 33.9 |
| 5 | T1 | All MCs | 335 | 1.3 | 335 | 1.3 | 0.454 | 3.9 | LOSA | 3.6 | 25.3 | 0.32 | 0.44 | 0.32 | 33.9 |
| 6 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.454 | 7.3 | LOSA | 3.6 | 25.3 | 0.32 | 0.44 | 0.32 | 39.6 |
| 6u | U | All MCs | 6 | 0.0 | 6 | 0.0 | 0.454 | 8.8 | LOSA | 3.6 | 25.3 | 0.32 | 0.44 | 0.32 | 33.9 |
| Appro | ach | | 605 | 0.9 | 605 | 0.9 | 0.454 | 4.2 | LOSA | 3.6 | 25.3 | 0.32 | 0.44 | 0.32 | 33.9 |
| North | : Desa | illy Stree | t | | | | | | | | | | | | |
| 7 | L2 | All MCs | 11 | 0.0 | 11 | 0.0 | 0.062 | 7.6 | LOSA | 0.4 | 2.5 | 0.69 | 0.69 | 0.69 | 34.3 |
| 8 | T1 | All MCs | 24 | 0.0 | 24 | 0.0 | 0.062 | 7.6 | LOSA | 0.4 | 2.5 | 0.69 | 0.69 | 0.69 | 34.3 |
| 9 | R2 | All MCs | 7 | 0.0 | 7 | 0.0 | 0.062 | 11.1 | LOS B | 0.4 | 2.5 | 0.69 | 0.69 | 0.69 | 34.3 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.062 | 12.6 | LOS B | 0.4 | 2.5 | 0.69 | 0.69 | 0.69 | 38.5 |
| Appro | ach | | 43 | 0.0 | 43 | 0.0 | 0.062 | 8.3 | LOSA | 0.4 | 2.5 | 0.69 | 0.69 | 0.69 | 34.5 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 69 | 0.0 | 69 | 0.0 | 0.502 | 6.4 | LOSA | 3.8 | 26.8 | 0.69 | 0.61 | 0.69 | 38.1 |
| 11 | T1 | All MCs | 362 | 0.6 | 362 | 0.6 | 0.502 | 6.0 | LOSA | 3.8 | 26.8 | 0.69 | 0.61 | 0.69 | 30.5 |
| 12 | R2 | All MCs | 35 | 3.0 | 35 | 3.0 | 0.502 | 9.5 | LOSA | 3.8 | 26.8 | 0.69 | 0.61 | 0.69 | 30.5 |
| 12u | U | All MCs | 2 | 0.0 | 2 | 0.0 | 0.502 | 10.9 | LOS B | 3.8 | 26.8 | 0.69 | 0.61 | 0.69 | 30.5 |
| Appro | ach | | 468 | 0.7 | 468 | 0.7 | 0.502 | 6.4 | LOSA | 3.8 | 26.8 | 0.69 | 0.61 | 0.69 | 32.5 |
| All Ve | hicles | | 1546 | 0.5 | 1546 | 0.5 | 0.502 | 6.1 | LOSA | 3.8 | 26.8 | 0.53 | 0.56 | 0.53 | 31.3 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab)

Roundabout LOS Method: SIDRA Roundabout LOS.

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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o Site: 103 [PD-10-SAT-PEAK: Pearson / MacArthur (Site

Folder: Post-Development - Saturday - Peak)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Saturday - Peak @ 10 years (Network Folder: General)]

Pearson Street and MacArthur Street X-Intersection Site Category: Existing Design Stop (Two-Way)

| Vehic | cle M | ovemen | t Perfo | rma | nce | | | | | | | | | | |
|--------|--------|-------------|---------|--------------|-----------------|-------|-------|-------|----------|----------|-----------|------|--------------|------------------|-------|
| Mov | Turn | Mov | Dem | | | rival | Deg. | Aver. | Level of | 95% Back | COf Queue | | Eff. | Aver. | Aver. |
| ID | | Class | | lows HV/1 | اء ا Total] | OWS | Satn | Delay | Service | [Veh. | Dist] | Que | Stop Rate | No. of Cycles | Speed |
| | | | veh/h | | veh/h | % | v/c | sec | | veh | m m | | Ttate | Cycles | km/h |
| South | : Pear | rson Stree | et | | | | | | | | | | | | |
| 1 | L2 | All MCs | 17 | 25.0 | 17 | 25.0 | 0.201 | 12.0 | LOS B | 0.7 | 5.2 | 0.71 | 1.02 | 0.74 | 20.8 |
| 2 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.201 | 20.8 | LOS C | 0.7 | 5.2 | 0.71 | 1.02 | 0.74 | 23.3 |
| 3 | R2 | All MCs | 28 | 7.4 | 28 | 7.4 | 0.201 | 29.7 | LOS D | 0.7 | 5.2 | 0.71 | 1.02 | 0.74 | 13.9 |
| 3u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.201 | 8.8 | LOSA | 0.7 | 5.2 | 0.71 | 1.02 | 0.74 | 19.6 |
| Appro | ach | | 47 | 13.3 | 47 | 13.3 | 0.201 | 22.8 | LOS C | 0.7 | 5.2 | 0.71 | 1.02 | 0.74 | 17.3 |
| East: | MacA | rthur Stre | et | | | | | | | | | | | | |
| 4 | L2 | All MCs | 46 | 4.5 | 46 | 4.5 | 0.225 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.06 | 0.00 | 43.5 |
| 5 | T1 | All MCs | 387 | 0.5 | 387 | 0.5 | 0.225 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.06 | 0.00 | 48.7 |
| 6 | R2 | All MCs | 9 | 0.0 | 9 | 0.0 | 0.060 | 5.8 | LOSA | 0.2 | 1.7 | 0.47 | 0.68 | 0.47 | 34.5 |
| 6u | U | All MCs | 41 | 0.0 | 41 | 0.0 | 0.060 | 8.3 | LOSA | 0.2 | 1.7 | 0.47 | 0.68 | 0.47 | 28.6 |
| Appro | ach | | 484 | 0.9 | 484 | 0.9 | 0.225 | 1.3 | NA | 0.2 | 1.7 | 0.05 | 0.12 | 0.05 | 46.3 |
| North | : Pear | son Stree | et | | | | | | | | | | | | |
| 7 | L2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.020 | 6.1 | LOSA | 0.1 | 0.5 | 0.38 | 0.48 | 0.38 | 27.1 |
| 8 | T1 | All MCs | 1 | 0.0 | 1 | 0.0 | 0.020 | 13.7 | LOS B | 0.1 | 0.5 | 0.38 | 0.48 | 0.38 | 30.9 |
| 9 | R2 | All MCs | 3 | 0.0 | 3 | 0.0 | 0.020 | 16.5 | LOS C | 0.1 | 0.5 | 0.38 | 0.48 | 0.38 | 31.7 |
| 9u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.020 | 5.9 | LOSA | 0.1 | 0.5 | 0.38 | 0.48 | 0.38 | 32.5 |
| Appro | ach | | 8 | 0.0 | 8 | 0.0 | 0.020 | 10.9 | LOS B | 0.1 | 0.5 | 0.38 | 0.48 | 0.38 | 30.4 |
| West: | MacA | Arthur Stre | eet | | | | | | | | | | | | |
| 10 | L2 | All MCs | 2 | 0.0 | 2 | 0.0 | 0.183 | 4.6 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 46.0 |
| 11 | T1 | All MCs | 355 | 0.3 | 355 | 0.3 | 0.183 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 49.8 |
| 12 | R2 | All MCs | 41 | 5.1 | 41 | 5.1 | 0.038 | 6.3 | LOS A | 0.2 | 1.2 | 0.47 | 0.63 | 0.47 | 33.1 |
| 12u | U | All MCs | 1 | 0.0 | 1 | 0.0 | 0.038 | 8.7 | LOSA | 0.2 | 1.2 | 0.47 | 0.63 | 0.47 | 34.7 |
| Appro | ach | | 399 | | 399 | | 0.183 | 0.7 | NA | 0.2 | 1.2 | 0.05 | 0.07 | 0.05 | 45.9 |
| All Ve | hicles | | 939 | 1.5 | 939 | 1.5 | 0.225 | 2.2 | NA | 0.7 | 5.2 | 0.09 | 0.15 | 0.09 | 43.1 |
| | | | | | | | | | | | | | | | |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab)

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

V Site: 104 [PD-10-SAT-PEAK: Desailly / New Railway (Site

Folder: Post-Development - Saturday - Peak)]

Output produced by SIDRA INTERSECTION Version: 9.1.6.228

Network: N101 [Post-Development - Saturday - Peak @ 10 years (Network Folder: General)]

Desailly Street and New Railay Road Intersection Site Category: Existing Design Give-Way (Two-Way)

| Vehicle Movement Performance | | | | | | | | | | | | | | | |
|------------------------------|--------|--------------|-----|------|-------------|---------------|--------------|----------------|---------------------|--------------------------------|-------------|------|--------------|-----------------|----------------|
| Mov | | Mov Class | Dem | | Arri | rival lows | Deg. Satn | Aver. Delay | Level of Service | 95% Back Of Queue Prop. Que | | | Eff. Stop | Aver. No. of | Aver. Speed |
| | | Glass | | HV] | Total veh/h | | v/c | sec | 2011100 | [Veh. veh | Dist] m | Quo | Rate | Cycles | km/h |
| South: Desailly Street | | | | | | | | | | | | | | | |
| 1 | L2 | All MCs | 21 | 0.0 | 21 | 0.0 | 0.103 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| 2 | T1 | All MCs | 181 | 0.0 | 181 | 0.0 | 0.103 | 0.0 | LOSA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| Appro | oach | | 202 | 0.0 | 202 | 0.0 | 0.103 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North: Desailly Street | | | | | | | | | | | | | | | |
| 8 | T1 | All MCs | 112 | 0.0 | 112 | 0.0 | 0.064 | 0.1 | LOSA | 0.1 | 0.5 | 0.06 | 0.04 | 0.06 | 19.9 |
| 9 | R2 | All MCs | 8 | 25.0 | 8 | 25.0 | 0.064 | 1.4 | LOSA | 0.1 | 0.5 | 0.06 | 0.04 | 0.06 | 19.8 |
| Appro | oach | | 120 | 1.8 | 120 | 1.8 | 0.064 | 0.2 | NA | 0.1 | 0.5 | 0.06 | 0.04 | 0.06 | 19.9 |
| All Ve | hicles | • | 322 | 0.7 | 322 | 0.7 | 0.103 | 0.1 | NA | 0.1 | 0.5 | 0.02 | 0.02 | 0.02 | 20.0 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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Site: 105 [PD-10-SAT-PEAK: Desailly / Basement Carpark

(Site Folder: Post-Development - Saturday - Peak)]
Output produced by SIDRA INTERSECTION Version: 9.1.6.228

■■ Network: N101 [Post-Development - Saturday - Peak @ 10 years (Network Folder: General)]

Basement carpark entrance onto Desailly Street Site Category: Proposed Design 1 Give-Way (Two-Way)

| Vehicle Movement Performance | | | | | | | | | | | | | | | |
|------------------------------|----------|--------------|-----------|------------|-----------|--------------------------|---------------------|-----------------------|---------------------|---------------------------|-------------------------|--------------|----------------------|---------------------------|------------------------|
| Mov ID | Turn | Mov Class | | ows HV] | | rival ows HV] % | Deg. Satn v/c | Aver. Delay sec | Level of Service | 95% Back [Veh. veh | Of Queue Dist] m | Prop. Que | Eff. Stop Rate | Aver. No. of Cycles | Aver. Speed km/h |
| South: Desailly Street | | | | | | | | | | | | | | | |
| 1 2 | L2 T1 | All MCs | 35 146 | 0.0 | 35 146 | 0.0 | 0.093 0.093 | 0.0 0.0 | LOS A LOS A | 0.0 0.0 | 0.0 0.0 | 0.00 | 0.00 | 0.00 | 20.0 20.0 |
| Appro | ach | | 181 | 0.0 | 181 | 0.0 | 0.093 | 0.0 | NA | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 20.0 |
| North | : Desa | illy Stree | t | | | | | | | | | | | | |
| 8 | T1 | All MCs | 120 | 1.8 | 120 | 1.8 | 0.183 | 0.6 | LOSA | 0.9 | 6.6 | 0.30 | 0.22 | 0.30 | 18.6 |
| 9 | R2 | All MCs | 184 | 0.0 | 184 | 0.0 | 0.183 | 1.2 | LOS A | 0.9 | 6.6 | 0.30 | 0.22 | 0.30 | 19.0 |
| Appro | ach | | 304 | 0.7 | 304 | 0.7 | 0.183 | 1.0 | NA | 0.9 | 6.6 | 0.30 | 0.22 | 0.30 | 18.9 |
| West: Basement Carpark | | | | | | | | | | | | | | | |
| 10 | L2 | All MCs | 200 | 0.0 | 200 | 0.0 | 0.138 | 0.5 | LOSA | 0.6 | 4.2 | 0.26 | 0.12 | 0.26 | 18.4 |
| Appro | ach | | 200 | 0.0 | 200 | 0.0 | 0.138 | 0.5 | LOSA | 0.6 | 4.2 | 0.26 | 0.12 | 0.26 | 18.4 |
| All Ve | hicles | | 685 | 0.3 | 685 | 0.3 | 0.183 | 0.6 | NA | 0.9 | 6.6 | 0.21 | 0.13 | 0.21 | 18.8 |

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Network Data dialog (Override Site Data tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA (TWSC): Level of Service is not defined for major road approaches or the intersection as a whole for Two-Way Sign Control (HCM LOS rule).

Two-Way Sign Control Capacity Model: SIDRA Standard.

Delay Model: SIDRA Standard (Control Delay: Geometric Delay is included).

Queue Model: SIDRA queue estimation methods are used for Back of Queue and Queue at Start of Gap.

Gap-Acceptance Capacity Formula: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Arrival Flows used in performance calculations are adjusted to include any Initial Queued Demand and Upstream Capacity Constraint effects.

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